

Sl.no	PubMed ID	Publication Type	Publication Title	Author-name	Journal-name	Year
1	2-s2.0-85198550623	Development and Validation of a Novel HPLC Method for the Simultaneous Determination of Pregabalin and Etoricoxib in Bulk and Pharmaceutical Dosage Form	Gandhimathi R.; Mandava A.; Kalyani K.N.; Indhumathy P.; Kommineni V.	Pharmaceutical Chemistry Journal	2024	Article

2	2-s2.0-85192141456	Electrical instruments based thermal conductivity optimization on sintering of nanocomposites of Al and TiB with and without fly ash	Sathish T.; Parthiban A.	Interactions	2024	Article
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3	2-s2.0-85184435499	Enhanced Security in Public Key Cryptography: A Novel Approach Combining Gaussian Graceful Labeling and NTRU Public Key Cryptosystem	Kavitha S.; Jayalalitha G.; Sivaranjani K.	EAI Endorsed Transactions on Internet of Things	2024	Article
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4	2-s2.0-85197638534	A horizontal analysis on second life potentials of lithium ion batteries with its challenges involved	Persis P.K.; Subramanian P.; Aalam S.; Kalaiselvi K.; Jeyalakshmi S.; Sonawane P.R.	AIP Conference Proceedings	2024	Conference paper
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5	2-s2.0-85191100810	Autism spectrum disorder diagnosis using fractal and non-fractal-based functional connectivity analysis and machine learning methods	Rakshe C.; Kunne S.; Sundaram S.; Murugappan M.; Agastinose Ronickom J.F.	Neural Computing and Applications	2024	Article
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6	2-s2.0-85197356068	Mycobacterium tuberculosis : a new hitchhiker in the etiopathogenesis of periodontitis	MohanaSundaram A.; Gohil N.V.; Etekochoy M.O.; Patel P.; Gurajala S.; Sathanantham S.T.; Nsengiyumva M.; Kumar S.; Emran T.B.	International journal of surgery (London, England)	2024	Review
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7	2-s2.0-85181446150	Experimental investigation of the effect of e-waste fillers on the mechanical properties of Kenaf woven fiber composites	Raj J.I.D.; Durairaj R.B.; Ananth S.V.; Barmavatu P.	Environmental Quality Management	2024	Article
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8	2-s2.0-85201887904	Machine learning for the detection of uniform resource locator phishing	Muthuselvan S.; Karthikeyan R.; Rajasekaran M.; Rajakumari K.; kannan S.R.; Anupriya S.	Metaheuristic and Machine Learning Optimization Strategies for Complex Systems	2024	Book chapter
9	2-s2.0-85162677320	Effect of process parameter on wire cut EDM using RSM method	Selvam R.; Vignesh M.; Pugazhenthir R.; Anbuezhayan G.; Satyanarayana Gupta M.	International Journal on Interactive Design and Manufacturing	2024	Article

10	2-s2.0-85196283581	Influence of artificial intelligence on transformational leadership	Estherita A.; Shanmugam V.	AIP Conference Proceedings	2024	Conference paper
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11	2-s2.0-85201659899	Preparation of self-preserving personal care cosmetic products using multifunctional ingredients and other cosmetic ingredients	Senthilkumar K.; Vijayalakshmi A.; Jagadeesan M.; Somasundaram A.; Pitchiah S.; Gowri S.S.; Ali Alharbi S.; Javed Ansari M.; Ramasamy P.	Scientific Reports	2024	Article
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12	2-s2.0-85198519824	A study on customer satisfaction on non-financial factor considering in digital lending	Rajasekar S.; Jagadeesan P.	AIP Conference Proceedings	2024	Conference paper
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13	2-s2.0-85200375513	Application of ANFIS approach for prediction of performance measures in wire electric discharge machining of SAE 1010	Thejasree P.; Manikandan N.; Sunheriya N.; Giri J.; Sathish T.; Chadge R.; Mahatme C.; Parthiban A.	Interactions	2024	Article
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14	2-s2.0-85197303013	In Depth Computational Screening of Novel Indane-1, 3-Dione Derivatives as Potential Anti-Tubercular Agents	Londhe N.A.; Krishnan K.	Advanced Journal of Chemistry, Section A	2024	Article
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15	2-s2.0-85193508475	Hypocholesterolemic potential of <i>Bacillus amyloliquefaciens</i> KAVK1 modulates lipid accumulation on 3T3-L1 adipose cells and high fat diet-induced obese rat model	Kokila V.; Namasivayam S.K.R.; Amutha K.; Kumar R.R.; Bharani R.S.A.; Surya P.	World Journal of Microbiology and Biotechnology	2024	Article
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16	2-s2.0-85193919433	Optimization of process parameters to improve mechanical properties of fused deposition method using taguchi method	Giri J.; Sunheriya N.; Sathish T.; Kadu Y.; Chadge R.; Giri P.; Parthiban A.; Mahatme C.	Interactions	2024	Article
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17	2-s2.0-85190471418	Hybrid Multipath Routing Cluster head prediction based on SDN-enabled IoT and Heterogeneous context-aware graph convolution network	Prabha R.; G. A S.; Bharathi G.P.; Sridevi S.	Peer-to-Peer Networking and Applications	2024	Article
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18	2-s2.0-85204204480	Determination of wear rate and coefficient of friction of Al6262 reinforced with different weight percentage of WC/MoS2 under dry sliding condition	Hemadri K.; Daniel A.A.S.; Kukanur V.; Nagaral M.	Research on Engineering Structures and Materials	2024	Article
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19	2-s2.0-85199845158	Market drivers for banking transformation	Suganya R.V.; Vetrivel M.	Banktech 4.0: The Next Wave of Transformative Banking	2024	Book chapter
20	2-s2.0-85195156394	Effect of Office Automation on Enhancing Quality of Life of Employees in IT/Printing Industry	Bharanitharan M.; Madhumita G.	Quality - Access to Success	2024	Article

21	2-s2.0-85196314285	Aspects of instrumental, terminal (human values), and artificial intelligence methods on websites	Pandurangan K.; Shanmugam V.	AIP Conference Proceedings	2024	Conference paper
22	2-s2.0-85195632938	Optimizing air conditioning efficiency: Utilizing nano-oxides ZnO, CuO, and TiO ₂ with traditional and alternative refrigerants in medium temperature range cooling systems	Chaudhari S.S.; Pundkar A.H.; Giri J.; Sathish T.; Daryapurkar A.S.; Chadge R.; Parthiban A.	Interactions	2024	Article
23	2-s2.0-85152925216	Investigation on mechanical and thermal properties of clay brick additions with sugarcane bagasse ash and nanoparticles	Madhanagopal A.; Arunkumar S.; Jagatheesan K.; Adinarayanan A.	Biomass Conversion and Biorefinery	2024	Article

24	2-s2.0-85201206549	Entropy based multi criteria decision making approach under neutrosophic environment	Jayaprakash P.; Sundar S.	AIP Conference Proceedings	2024	Conference paper
25	2-s2.0-85202055511	Crack Identification in a Structural Beam Using Regression and Machine Learning Models	Khalkar V.; Moshi A.; Borde J.; Bane R.; Jugulkar L.; Baskar S.	Romanian Journal of Acoustics and Vibration	2024	Article
26	2-s2.0-85203618079	Chitosan/Guar gum – Graphene oxide porous scaffolds for tissue engineering applications	Rajasekaran S.; Kungumaraj K.K.; Mani D.; Mani P.	Materials Today Communications	2024	Article
27	2-s2.0-85197270182	Free vibration analysis of composite aircraft wing	Pavan Kishore M.L.; Madhavi B.; Pati P.R.; Pugazhenthir R.; Giri J.; Sathish T.; Parthiban A.	Interactions	2024	Article
28	2-s2.0-85195212697	Investigating antioxidant, anti-obesity, and anticancer potential in raw and processed flour extracts of barnyard millets	Kumaraguru G.; Ramalingam A.; Shanmugam G.; Krishna Kumar A.K.; Muthusamy S.; Malaiyandi J.	Journal of Food Measurement and Characterization	2024	Article

29	2-s2.0-85195568338	Prediction and analysis of material removal rate and Tool wear for electric discharge machining of H16 material using ANN and ANOVA	Adakane R.; Washimkar P.V.; Chaudhari S.S.; Giri J.; Sathish T.; Parthiban A.; Mahatme C.	Interactions	2024	Article
30	2-s2.0-85190363094	Plant disease recognition using residual convolutional enlightened Swin transformer networks	Kalpana P.; Anandan R.; Hussien A.G.; Migdady H.; Abualigah L.	Scientific Reports	2024	Article
31	2-s2.0-85200736918	An Approach to Evaluate the Resilience of AI Models to Adversarial Attacks with Property-Based Testing	Thiyagarajan G.; Vijayalakshmi V.; Viswanathan R.	AIP Conference Proceedings	2024	Conference paper
32	2-s2.0-85197552538	Parameter fine tuning on CRDI engine operated with blends of grape biodiesel and diesel	Prakash P.; Elumalai P.V.; Chelladurai H.; Josephine G.R.N.R.; Velumayil R.; Asif M.; Kit C.C.; Venkatesan B.; Rajagopal S.; Sanjeevi B.; Reddy M.V.; S P.	Case Studies in Thermal Engineering	2024	Article

33	2-s2.0-85203815858	HALL AND HEAT SOURCE EFFECTS OF FLOW STATE ON A VERTICALLY ACCELERATING PLATE IN AN ISOTHERMAL ENVIRONMENT, INCLUDING CHEMICAL REACTIONS, ROTATION, RADIATION, AND THE DUF0UR EFFECT	Lakshmikaanth D.; Selvaraj A.; Tamilselvi L.; Jose S.D.; Velukumar V.	JP Journal of Heat and Mass Transfer	2024	Article
34	2-s2.0-85202897333	Early Prediction of Cardiac Arrest Using ECG Signal Through IoT	Jothi Lakshmi G.R.; Vasanth S.; Inanalam I.P.; Ravi D.	AIP Conference Proceedings	2024	Conference paper
35	2-s2.0-85201277196	Optimization of the micro plasma arc welding and tipping process of exhaust valve	Maruthapandian M.; Pugazhenth R.	AIP Conference Proceedings	2024	Conference paper
36	2-s2.0-85203785759	Blockchain-Inspired Lightweight Dynamic Encryption Schemes for a Secure Health Care Information Exchange System	Aruna E.; Sahayadhas A.	Engineering, Technology and Applied Science Research	2024	Article

37	2-s2.0-85192846371	Image enhancement and blur pixel identification with optimization-enabled deep learning for image restoration	Premnath S.P.; Gowr P.S.; Ananth J.P.; Arumugam S.R.	Signal, Image and Video Processing	2024	Article
38	2-s2.0-85203659613	Impact of calcined temperatures on the crystalline parameters, morphological, energy band gap, electrochemical, antimicrobial, antioxidant, and hemolysis behavior of nanocrystalline tin oxide	Gajendiran J.; Gnanam S.; Shynu R.K.; Ramana Ramya J.; Kavimani V.; Vijayalakshmi R.; Ramachandran K.; Thanigai Arul K.; Henini M.; Selvalakshmi S.; Venkatesh Bharathi N.; Gokul Raj S.; Ramesh Kumar G.	Journal of the Indian Chemical Society	2024	Article
39	2-s2.0-85200650026	Deep learning ensemble approach with explainable AI for lung and colon cancer classification using advanced hyperparameter tuning	Vanitha K.; R M.T.; Sree S.S.; Guluwadi S.	BMC Medical Informatics and Decision Making	2024	Article

40	2-s2.0-85202064235	Insight into Binding and Interaction of Docking, Dynamics and Network Pharmacology to Explore the Target on Cancer Inhibitors	Gayathiri E.; Prakash P.; Pratheep T.; Chaudhari S.Y.; Priyadharshini S.D.; Mani T.; Mahalakshmi P.	Journal of Pharmaceutical Innovation	2024	Article
41	2-s2.0-85203231197	Analysis of object recognition using back propagation based algorithms	Aruna S.; Maheswari M.; Charulatha G.; Lekashri S.; Nivedha M.; Vijayalakshmi A.	Emerging Advancements in AI and Big Data Technologies in Business and Society	2024	Book chapter
42	2-s2.0-85197742709	Lung Cancer Detection Using Integration of Hybrid Segmentation Approach and DL Techniques	Raghapriya N.; Kalpana Y.	SSRG International Journal of Electronics and Communication Engineering	2024	Article

43	2-s2.0-85196323284	Impact of artificial intelligence and machine learning in the insurance industry: A bibliometric analysis 2000-2022	Selvakumar L.; Shanmugam V.	AIP Conference Proceedings	2024	Conference paper
44	2-s2.0-85199427419	Corrigendum to “Development and comparison of machine learning models for in-vitro drug permeation prediction from microneedle patch” [Eur. J. of Pharm. Biopharm. 199 (2024) 114311] (European Journal of Pharmaceutics and Biopharmaceutics (2024) 199, (S0939641124001371), (10.1016/j.ejpb.2024.114311))	Biswas A.A.; Dhondale M.R.; Singh M.; Agrawal A.K.; Muthudoss P.; Mishra B.; Kumar D.	European Journal of Pharmaceutics and Biopharmaceutics	2024	Erratum
45	2-s2.0-85197371020	Flexural properties of jute/kenaf/glass fibre reinforced nano-composite	Sathish T.; Saravanan R.; Arunachalam S.J.; Parthiban A.	Interactions	2024	Article
46	2-s2.0-85202160134	Degree-based topological indices, quantum computational, molecular docking and biological evaluations of o-nitroacetanilide	Gnanasambandan T.; Dhanalakshmi E.; Selvaraj M.; Abdelmotaleb M.A.I.; Kathiresan A.K.; Sivaranjani G.; Revathi M.; Venkatesan K.A.; Rajesh P.	Inorganic Chemistry Communications	2024	Article

47	2-s2.0-85199643915	A survey on exploring the relationship between music and mental health using machine learning analysis	Padmini A.; Yogeshwari M.	Cross-Industry AI Applications	2024	Book chapter
48	2-s2.0-85200236340	Biogenic synthesis of zinc sulphide nanoparticles using Allium sativum extract and evaluation of antimicrobial activity	Aarthy P.; SureshKumar M.; Gnanam S.	Interactions	2024	Article
49	2-s2.0-85203479632	Emotional behaviour study using AI tools	Chandrasekaran R.; Thamizhvani T.R.; Kishore Kanna R.	Clinical Practice and Unmet Challenges in AI-Enhanced Healthcare Systems	2024	Book chapter
50	2-s2.0-85203020818	A REVIEW OF RECENT DEVELOPMENTS IN THE BIOLOGICAL ACTIVITY OF 1,3,4 THIADIAZOLES	Indhumathy P.; Gandhimathi R.	Rasayan Journal of Chemistry	2024	Article

51	2-s2.0-85198548064	Impact of fiison selected sectoral indices in India	Kalpna G.; Jagadeesan P.; Balaji P.	AIP Conference Proceedings	2024	Conference paper
52	2-s2.0-85193329078	Effect of nano-particle weight percent on the flexural strength of Jute/kenaf/glass fiber composite using RSM	Arunachalam S.J.; Saravanan R.; Sathish T.; Parthiban A.	Interactions	2024	Article
53	2-s2.0-85199876097	Novel Approach to Offensive Language Detection on Social Media: Tree CNN Integration with Adversarial Bi-LSTM	Maheswari V.U.; Priya R.	International Journal of Engineering Trends and Technology	2024	Article
54	2-s2.0-85198559522	Employee engagement work from home - A conceptual study	Kavitha J.; Sudha S.	AIP Conference Proceedings	2024	Conference paper
55	2-s2.0-85198515019	Employee experience - An emerging concept in influencing the employee engagement	Kavitha J.; Sudha S.	AIP Conference Proceedings	2024	Conference paper

56	2-s2.0-85197393287	Ecofriendly Cobalt-Free, Li-and Mn-Rich layered materials for high-performance lithium-ion batteries	Joseph P.L.; Elumalai S.; Raman K.; Subashchandrabose R.	Layered Materials: Synthesis and Applications in Energy and Environmental Remediation	2024	Book chapter
57	2-s2.0-85198527370	Role of technology in human resources functions	Sudha S.	AIP Conference Proceedings	2024	Conference paper
58	2-s2.0-85194840828	Comparing Kevlar Fiber influence on PP/sisal/SiO ₂ nanoparticle fillers/Kevlar hybrid nanocomposites with plain nanocomposite for enhanced mechanical properties	Sathish T.; Saravanan R.; Arunachalam S.J.; Parthiban A.; Giri J.	Interactions	2024	Article
59	2-s2.0-85203629829	Adsorption performance with field emission scanning electron microscopy of fruit peel induced Silver Nanoparticles in C ₁₆ H ₁₈ ClN ₃ S for waste water treatment	P J.; V G.; A H.A.	MethodsX	2024	Article

60	2-s2.0-85202615720	Novel Hybrid Quantum Architecture-Based Lung Cancer Detection Using Chest Radiograph and Computerized Tomography Images	Martis J.E.; M S S.; Balasubramani R.; Mutawa A.M.; Murugappan M.	Bioengineering	2024	Article
61	2-s2.0-85200770724	Bio Inspired Email Spam Detection: A Quantitative Investigation	Vinoth N.A.S.; Rajesh A.	AIP Conference Proceedings	2024	Conference paper
62	2-s2.0-85202724444	Revolutionizing healthcare: The transformative impact of artificial intelligence	Govindaraj M.; Kumari D.A.; Khan P.; Krishnan R.; Gnanasekaran C.; Lawrence J.	Revolutionizing the Healthcare Sector with AI	2024	Book chapter
63	2-s2.0-85200901335	Response Surface Optimization of Brake Thermal Efficiency and Specific Fuel Consumption of Spark-Ignition Engine Fueled with Gasoline-Pyrooil and Gasoline-Pyrooil-Ethanol Blends	Manickavelan K.; Sivaganesan S.; Sivamani S.; Kulkarni M.V.	SAE International Journal of Fuels and Lubricants	2024	Article
64	2-s2.0-85196720971	Hierarchical NiCo ₂ O ₄ needle-like heterostructure arrays anchored on WO ₃ as high-performance asymmetric	A S.; V G.	Chemical Physics Impact	2024	Article

		supercapacitors for energy storage applications				
65	2-s2.0-85188441551	4-Carboxyphenyl as efficient donor group in nano Zn-Porphyrin for dye sensitized solar cells	Dayanithi J.; Pichaikaran S.; Selvam S.; Kotteswaran S.; Kumaresan N.; Pugazhendhi A.; Rajesh Kumar M.; AL Garalleh H.; Ali Alshehri M.; Murugadoss G.	Environmental Research	2024	Article
66	2-s2.0-85203554110	HEART DISEASE PREDICTION USING KNN ALGORITHM APPROACH	Taj S.G.; Kalaivani K.	ARPJ Journal of Engineering and Applied Sciences	2024	Article

67	2-s2.0-85197546101	Smart Flow Management for Hybrid PV-Wind Connected Water Pumping Systems: Optimized UPFC and Fuzzy Q-Learning Control	Nagendra P.; Sasikala K.	SSRG International Journal of Electrical and Electronics Engineering	2024	Article
68	2-s2.0-85200502878	Evaluation of a helical coil heat exchanger in a forced convection environment	Sunheriya N.; Giri J.; Sathish T.; Chadge R.; Mahatme C.; Parthiban A.; Barmavatu P.	Interactions	2024	Article
69	2-s2.0-85148215584	Potential of seaweed biomass: snake venom detoxifying action of brown seaweed Padina boergesenii against Naja naja venom	Venkatesan K.; Sivadasan D.; Alghazwani Y.; Asiri Y.I.; Prabahar K.; Al-Qahtani A.; Mohamed J.M.M.; Khan N.A.; Krishnaraju K.; Paulsamy P.; Vasudevan R.; Venkatesan K.	Biomass Conversion and Biorefinery	2024	Article

70	2-s2.0-85193013382	Comprehensive insights on mechanical properties of natural-synthetic fibres with nano-graphene composite	Arunachalam S.J.; Saravanan R.; Sathish T.; Parthiban A.	Interactions	2024	Article
71	2-s2.0-85201294287	Performance study and analysis of Al ₂ O ₃ Nanofluid under different flow conditions	Sivakumar V.; Visagavel K.; Kumaraswamy J.; Balaj E.; Khalkar V.; Gnanavel C.; Chakravarthy P.R.K.; Baskar S.; Vijayan V.	Interactions	2024	Article
72	2-s2.0-85200045020	Growth, structural, thermal and optical studies of Glycine zinc acetate (GZnA) single crystal by slow evaporation process	Tracy J.; Gnanam S.; Lakshmipriya M.	Interactions	2024	Note
73	2-s2.0-85203376188	Multi objective optimization of cutting parameters of end milling operation by Taguchi Grey: Relational analysis (TGRA)	Sahare S.; Kamble P.; Giri J.; Sunheriya N.; Sathish T.; Chadge R.; Parthiban A.	Interactions	2024	Article
74	2-s2.0-85195375618	Antimicrobial efficiency against fish pathogens on the green synthesized silver nanoparticles	Ramya J.R.; Ali S.; K T.A.; Vijayalakshmi R.; Gajendiran J.; Gnanam S.; Ramachandran K.	Microbial Pathogenesis	2024	Article
75	2-s2.0-85197171662	Prediction in Autism by Partial Differential Diffusion and Frobenius Convolutional Light Gated Recurrent in Toddlers	Sreevidya S.; Nayak L.	SN Computer Science	2024	Article

76	2-s2.0-85199850833	Transforming the customer service experience - reactive cost center to proactive value generator	Suganya R.V.; Devi E.B.	Banktech 4.0: The Next Wave of Transformative Banking	2024	Book chapter
77	2-s2.0-85197605550	Detection and Location of Hardware Trojans Using Path Delays	Seetharamaraju A.; Raaza A.; Mandge O.L.; Meena M.	SSRG International Journal of Electrical and Electronics Engineering	2024	Article
78	2-s2.0-85199590194	Airborne Culturable Fungi in the Indoor and Outdoor Environments of Shrines in Chennai, India	Nannu Shankar S.; Srinivasan B.; Nyayiru Kannaian U.P.	Atmosphere	2024	Article

79	2-s2.0-85189543845	PE-Ynet: a novel attention-based multi-task model for pulmonary embolism detection using CT pulmonary angiography (CTPA) scan images	Hemalakshmi G.R.; Murugappan M.; Sikkandar M.Y.; Santhi D.; Prakash N.B.; Mohanarathinam A.	Physical and Engineering Sciences in Medicine	2024	Article
80	2-s2.0-85169024849	Synthesis of zinc oxide nanoparticles by Pterolobium hexapetalum (roth) santapau and wagh extract and their biological applications	Loganathan S.; Manimaran K.; Mutamimurugan K.; Prakash D.G.; Subashini R.	Biomass Conversion and Biorefinery	2024	Article
81	2-s2.0-85200248109	Consistency and compatibility study on clayey soil blended with rice husk ash and fly ash	Abinaya Ishwarya G.K.; Jino R.	Interactions	2024	Article
82	2-s2.0-85198560485	A study on satisfaction level of individual taxpayer towards e-filing with reference to Chennai district	Saranya M.; Jagadeesan P.	AIP Conference Proceedings	2024	Conference paper
83	2-s2.0-85196290571	Exploring the impact of corporate social responsibility and marketing communication on consumer consumption patterns: A qualitative study	Menaga; Vasantha	AIP Conference Proceedings	2024	Conference paper

84	2-s2.0-85194254735	Automatic liver segmentation using U-Net deep learning architecture for additive manufacturing	Giri J.; Sathish T.; Sheikh T.; Sunehriya N.; Giri P.; Chadge R.; Mahatme C.; Parthiban A.	Interactions	2024	Article
85	2-s2.0-85202446954	Alkaloid-based modulators of the PI3K/Akt/mTOR pathway for cancer therapy: Understandings from pharmacological point of view	Mokhfi F.Z.; Al Amin M.; Zehravi M.; Sweilam S.H.; Arjun U.V.N.V.; Gupta J.K.; Vallamkonda B.; Balakrishnan A.; Challa M.; Singh J.; Prasad P.D.; Ali S.S.; Ahmad I.; Doukani K.; Emran T.B.	Chemico-Biological Interactions	2024	Review
86	2-s2.0-85201310581	Production and mechanical properties of aluminium - Copper alloy reinforced with Al ₂ O ₃ metal matrix composites	Gurusamy P.; Raj S.H.K.; Muthuraman V.; Kingsly J.J.; Subash V.; Ram K.S.G.; Srinivasan D.	AIP Conference Proceedings	2024	Conference paper
87	2-s2.0-85193915099	Correction: Autism spectrum disorder diagnosis using fractal and non-fractal-based functional connectivity analysis and machine learning methods (Neural Computing and Applications, (2024), 36, 20,	Rakshe C.; Kunne S.; Sundaram S.; Murugappan M.; Ronickom J.F.A.	Neural Computing and Applications	2024	Erratum

		(12565-12585), 10.1007/s00521-024-09770-3)				
88	2-s2.0-85199236808	Intelligent gas detection systems: Leveraging IoT and machine learning for early warning of Hazardous gas and LPG leakage	Sankar K.M.; Booba B.	Principles and Applications in Speed Sensing and Energy Harvesting for Smart Roads	2024	Book chapter
89	2-s2.0-85203427645	Strategic management of AI-enhanced Alzheimer's disease prediction models: Navigating ethical and regulatory frontiers	Devi B.; Thaiyalnayaki M.; Vasantha S.	AI-Driven Alzheimer's Disease Detection and Prediction	2024	Book chapter

90	2-s2.0-85201019176	Experimental Evaluation of Spectrum Handoff Management with Machine Learning Algorithms Using Software Defined Radio	Babjan P.; Rajendran V.	Wireless Personal Communications	2024	Article
91	2-s2.0-85200741218	Bioactive Extracts from the Fruit Rind of Limonia acidissima L. Exhibit Neuro-Modulatory Properties in a Thiopental-Sodium Sleep Model in Swiss Albino Mice: Implications for Neuro-Pharmacological Interventions	Islam F.; Azad M.A.K.; Pandiyan B.; Gupta J.K.; Darwin R.; Lakshmi P.A.; Murugesan T.; Madhu C.; Reddy K.T.K.; Al-Mazroua H.A.; Ahmad S.F.; Emran T.B.	Journal of Biological Regulators and Homeostatic Agents	2024	Article
92	2-s2.0-85201531072	QbD-QUALITY BY DESIGN ANALYTICAL METHOD DEVELOPMENT AND VALIDATION-AN OVERVIEW	Harshini S.; Sudha T.	Rasayan Journal of Chemistry	2024	Article
93	2-s2.0-85201884106	Facile fabrication of bismuth oxide anchored graphene oxide for the effective electrochemical sensing of diuron	Munusamy N.; Don Disouza F.P.; Chen S.-M.; Krishnan K.; Jothinathan M.K.D.; Prakash B.	Journal of the Taiwan Institute of Chemical Engineers	2024	Article

94	2-s2.0-85201377231	Hybrid Optimization Enabled Deep-Learning for Prostate Cancer Detection	Reddy S.K.; Kathirvelu K.	Sensing and Imaging	2024	Article
95	2-s2.0-85200529684	Neural networks and LDA-based machine learning framework for the early detection of breast cancer	Saraogi S.; Saraogi S.; Asnath Victy Phamila Y.; Kathirvelu K.	Artificial Intelligence in Medicine	2024	Book chapter
96	2-s2.0-85195190488	A novel study on the stacking sequence and mechanical properties of Jute-Kevlar-Epoxy composites	Purohit A.; Dehury J.; Sitani A.; Pati P.R.; Giri J.; Sathish T.; Parthiban A.	Interactions	2024	Article
97	2-s2.0-85199831008	State of data security and privacy in the Indian banking industry	Venkateshwaran G.; Kalaiselvi K.	Banktech 4.0: The Next Wave of Transformative Banking	2024	Book chapter
98	2-s2.0-85196169930	Corporate social responsibility is used as a marketing strategy during Covid-19 pandemic	Ananthan M.; Shanmugam V.; Udayanan M.; Selvaraj F.; Manoharan G.	AIP Conference Proceedings	2024	Conference paper

99	2-s2.0-85197525711	Hybrid Energy Optimization for Reliable Water Pumping System: Integrating PV, Wind, and BLDC Motor with Advanced Control Strategies	Nagendra P.; Sasikala K.	SSRG International Journal of Electrical and Electronics Engineering	2024	Article
100	2-s2.0-85197486643	Experimental analysis and development of fuzzy model for the prediction of COP and mass flow rate in air-conditioning system	karthik G.; Parthiban A.; Sathish T.; Giri J.	Interactions	2024	Article
101	2-s2.0-85170855484	Prostate cancer detection using Henry firefly gas solubility optimization-based deep residual network	Reddy S.K.; Kathirvelu K.	Multimedia Tools and Applications	2024	Article

102	2-s2.0-85196773972	Investigating the influence of internal corporate social responsibility (ICSR) on work commitment and performance of employees of automobile companies in Chennai; [Investigación de la influencia de la responsabilidad social interna de las empresas (RSI) en el compromiso laboral y el rendimiento de los empleados de las empresas automovilísticas de Chennai]	Indhuja K.P.; Chandran M.	Salud, Ciencia y Tecnología - Serie de Conferencias	2024	Article
103	2-s2.0-85192802699	Magneto Hydrodynamic Effects on Unsteady Free Convection Casson Fluid Flow Past on Parabolic Accelerated Vertical Plate with Thermal Diffusion	Radha G.; Selvaraj A.; Bhavani S.; Selvaraju P.	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2024	Article

104	2-s2.0-85196746475	From a wealth management career to employee career success satisfaction: exploring the mediating role of job competency; [De la carrera de gestión de patrimonios a la satisfacción con el éxito profesional de los empleados: exploración del papel mediador de la competencia laboral]	Alexander B.D.; Vasanth S.; Thaiyalnayaki M.	Salud, Ciencia y Tecnología - Serie de Conferencias	2024	Article
105	2-s2.0-85176545926	RETRACTED ARTICLE: A novel approach of high gain converters for energy conversion in photovoltaic systems	Kitmo; Thentral T.M.T.; Jaya T.; Shree K.V.M.; Vishnuram P.; Alagarsamy S.; Ngoussandou B.-P.; Palanisamy R.	Multiscale and Multidisciplinary Modeling, Experiments and Design	2024	Article
106	2-s2.0-85196240612	Real-time facial emotion analysis for adaptive teaching strategies using deep learning	Suganthi V.; Yogeshwari M.	Explainable AI Applications for Human Behavior Analysis	2024	Book chapter

107	2-s2.0-85194573135	Assessment of Knowledge, Attitude, and Practice on Risk of Acute Kidney Injury among Surgical Nurses at a Public Teaching Hospital, Kuala Lumpur, Malaysia	Yusop N.; Mat S.; Ismail M.I.; Mustafar R.; Ramachandran V.	Malaysian Journal of Medicine and Health Sciences	2024	Article
108	2-s2.0-85188322771	Applications of Multi Attribute Decision making problem	Shoba P.; Selvakumari K.; Kavitha S.	E3S Web of Conferences	2024	Conference paper
109	2-s2.0-85196758229	An Empirical analysis of the effect of user behavior based on marketing sustainable fashion; [Un análisis empírico del efecto del comportamiento del usuario basado en el marketing de la moda sostenible]	Chalapathi B.; Rajini G.	Salud, Ciencia y Tecnologia - Serie de Conferencias	2024	Article
110	2-s2.0-85196712586	Navigating career satisfaction and employee well-being: a study of indian railway employees in the south central railway division; [Navegar por la satisfacción profesional y el bienestar de los empleados: un estudio de los empleados ferroviarios indios de la	Katta A.K.; Jayanthiladevi A.	Salud, Ciencia y Tecnologia - Serie de Conferencias	2024	Article

		división ferroviaria central del sur]				
111	2-s2.0-85178306721	A Novel Approach for Human Face Extraction and Detection Using SAE-AFB-RFCN Framework	Ponnurathinam J.; Pradabadattan S.	Journal of Advanced Research in Applied Sciences and Engineering Technology	2024	Article
112	2-s2.0-85188910640	Membraneless ethanol fuel cell Pt-Sn-Re nano active catalyst on a mesoporous carbon support	Priya M.; Muthukumaran B.	RSC Advances	2024	Article

113	2-s2.0-85197276993	Determination of Genotoxic Impurities in Nilotinib using LC-MS Method	Anil Kumar K.; Sudha R.; Mohan B.; Abbaraju V.D.N.K.; Kothakummari S.	Research Journal of Pharmacy and Technology	2024	Article
114	2-s2.0-85190537008	Characterization on properties of Al7050/TiC/BN hybrid metal matrix composite	Muthukumaran R.; Daniel A.A.; Nithya M.; Parthiban A.; Sathish T.; Giri J.; Al-Lohedan H.A.	AIP Advances	2024	Article
115	2-s2.0-85183679720	Synthesis, Growth, Photoluminescence, Thermal, and Third-Order Nonlinear Optical Properties of Glycine Methyl Ester Hydrochloride Single Crystal for Opto-Electronic Applications	Mahalakshmi N.; Meera S.R.; Vinitha G.; Parthasarathy M.	Brazilian Journal of Physics	2024	Article
116	2-s2.0-85167352093	Research on recognition of students attention in offline classroom-based on deep learning	Akila D.; Garg H.; Pal S.; Jeyalakshmi S.	Education and Information Technologies	2024	Article

117	2-s2.0-85184612385	Unearthing Earth's secrets: Exploring the environmental legacy of contaminants in soil, water, and sediments	Devendrapandi G.; Balu R.; Ayyappan K.; Ayyamperumal R.; Alhammadi S.; Lavanya M.; Senthilkumar R.; Karthika P.C.	Environmental Research	2024	Review
118	2-s2.0-85188349467	Camguard: Preventing unauthorised camera access for women's saftey	Saranya S.; Priyadharsan K.; Yadavamuthiah K.	E3S Web of Conferences	2024	Conference paper
119	2-s2.0-85200207098	An Analysis of Organizational Citizenship Behavior and its Impact on Employee Well-being and Task Performance among Library Employees	Das B.K.; Rajini G.	Indian Journal of Information Sources and Services	2024	Article
120	2-s2.0-85196715188	Reimaging maritime education and training using latest technologies; [Reimaginar la educación y formación marítimas utilizando las últimas tecnologías]	Kumar N.; Rajini G.	Salud, Ciencia y Tecnologia - Serie de Conferencias	2024	Article

121	2-s2.0-85195554938	Prediction of Cancer Blood Disorder Using Adaptive Otsu Threshold and Deep Convolutional Neural Networks	Jeyalaksshmi S.; Preethika S.K.P.; Hannah J.G.; Sathya S.; Radhakrishnan S.; Priscila S.S.	Advancements in Clinical Medicine	2024	Book chapter
122	2-s2.0-85184755981	Solute solvent interaction study on 9,9-dihydroxynanoic acid by DFT, IR, Raman, UV, MEP, quantum parameters and docking studies	Lawrence M.; Rajesh P.; Saral A.; Jeyakumar T.C.; Alharbi N.S.; Abbas G.; Muthu S.	Journal of Molecular Liquids	2024	Article
123	2-s2.0-85190260735	TOTAL COLORING OF MIDDLE GRAPH OF CERTAIN SNAKE GRAPH FAMILIES	Punitha A.; Jayaraman G.	Journal of Applied Mathematics and Informatics	2024	Article
124	2-s2.0-85189310545	Big data analysis based on student activity analysis using enhanced decision tree vector quantization	Suresh B.; Renugadevi R.	AIP Conference Proceedings	2024	Conference paper

125	2-s2.0-85181763050	Structural and magnetic properties of tin oxide (SnO ₂) nanoparticles for testing spintronic device applications	Yadav C.H.; Gajendiran J.; Gnanam S.; Ramya J.R.; Monisha S.; Selvalakshmi S.; Ramachandran K.; Raj S.G.; Kumar G.R.	Materials Letters	2024	Article
126	2-s2.0-85188326122	Synthesis and Exploring structural, magnetic, morphology and optical properties of La _{2-x} Al _x CuO ₄ (0 ≤ x ≤ 0.25) perovskite nanoparticles by microwave-assisted combustion method	Yuvaraj S.; Udhaya P.A.; Deepa S.; Sundararajan M.; Jothiramalingam R.; Al-Lohedan H.; Al-Sigh H.; Nazeer A.A.	Journal of Ovonic Research	2024	Article
127	2-s2.0-85200112149	Evolution of Sustainable Finance and its Opportunities: A Bibliometric Analysis	Thomas K.P.; Rajini G.	Indian Journal of Information Sources and Services	2024	Article

128	2-s2.0-85192343504	Development and comparison of machine learning models for in-vitro drug permeation prediction from microneedle patch	Biswas A.A.; Dhondale M.R.; Singh M.; Agrawal A.K.; Muthudoss P.; Mishra B.; Kumar D.	European Journal of Pharmaceutics and Biopharmaceutics	2024	Article
129	2-s2.0-85189776217	ADMET prediction and molecular simulation of desmostachya bipinnata against gastric cancer protein (PFN1)	Pandiyan S.A.; Khan H.K.; Vivek P.; Romauld S.I.; Meenambiga S.S.	Harnessing Medicinal Plants in Cancer Prevention and Treatment	2024	Book chapter
130	2-s2.0-85193908792	ACUTE ORAL TOXICITY OF TOFACITINIB CITRATE IN WISTAR RATS: IMPLICATIONS FOR NOVEL MOUTH DISSOLVING FORMULATIONS	Raykar M.; Velraj M.	International Journal of Applied Pharmaceutics	2024	Article

131	2-s2.0-85179344593	Detecting Distributed Denial of Service (DDoS) in MANET Using Ad Hoc On-Demand Distance Vector (AODV) with Extra Tree Classifier (ETC)	Sivanesan N.; Rajesh A.; Anitha S.; Archana K.S.	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	2024	Article
132	2-s2.0-85195572314	A Review of Prediction on Alzheimer's Disease Using Machine Learning Techniques	Praveena A.; Yogeshwari M.	Advancements in Clinical Medicine	2024	Book chapter
133	2-s2.0-85188885403	Assessment of soil microbial diversity and soil enzyme activities under inorganic input sources on maize and rice ecosystems	Jeya Bharathi M.; Anbarasu M.; Ragu R.; Subramanian E.	Saudi Journal of Biological Sciences	2024	Article

134	2-s2.0-85179366783	Age- and Severity-Specific Deep Learning Models for Autism Spectrum Disorder Classification Using Functional Connectivity Measures	Jain V.; Rakshe C.T.; Sengar S.S.; Murugappan M.; Ronickom J.F.A.	Arabian Journal for Science and Engineering	2024	Article
135	2-s2.0-85191018922	Biological effects of vanillic acid, iso-vanillic acid, and ortho-vanillic acid as environmental pollutants	Matejczyk M.; Ofman P.; Juszczuk-Kubiak E.; Świsłocka R.; Shing W.L.; Kesari K.K.; Prakash B.; Lewandowski W.	Ecotoxicology and Environmental Safety	2024	Article
136	2-s2.0-85195560221	Thorough Analysis of Deep Learning Methods for Diagnosis of COVID-19 CT Images	Gnanaguru G.; Priscila S.S.; Sakthivanitha M.; Radhakrishnan S.; Rajest S.S.; Singh S.	Advancements in Clinical Medicine	2024	Book chapter
137	2-s2.0-85192764789	A comparative study of structural, optical, and magnetic properties of LaFeO ₃ and La ₂ CuO ₄ perovskite nanoparticles	Sukumar M.; Simon D.; Kumar A.; Ubaidullah M.; Sutha A.; Kumar S.; Yuvaraj S.; Banupriya K.; Subashini C.; Gupta M.; Bhaskaran A.; Sundararajan M.; Manohar A.	Journal of Materials Science: Materials in Electronics	2024	Article

138	2-s2.0-85184587531	Facile synthesis of MnO ₂ nanoparticles for the removal of cationic dye	Gowthami P.; Susi Kumar S.R.; Kalaiarasi G.; Kosiha A.; Priya L.S.; Mahmoud M.H.; Fouad H.; Ansari A.	Zeitschrift fur Physikalische Chemie	2024	Article
139	2-s2.0-85190198152	Potential acetylcholinesterase inhibitors to treat Alzheimer's disease	Saud A.; Krishnaraju V.; Taha A.; Kalpana K.; Malarkodi V.; Durgamani S.; Prabhu V.V.; Saleh F.A.; Ezhilarasan S.	European Review for Medical and Pharmacological Sciences	2024	Article
140	2-s2.0-85182897116	Advances in implant for surface modification to enhance the interfacial bonding of shape memory alloy wires in composite resins	Gopalakrishnan T.; Venkatesan R.; Chandrasekaran M.; Deepa S.; Kim S.-C.	Progress in Organic Coatings	2024	Review

141	2-s2.0-85188056407	Enhancing Secure Communication in IoT-Based Automated Vehicle Systems through Accurate Prediction of Abnormal Traffic Data	Jangam K.R.; Kumudham R.; Rajendran V.; Prabhu M.R.	International Journal of Engineering Trends and Technology	2024	Article
142	2-s2.0-85190967622	Experimental investigation of mechanical and tribological properties of AA7065- B4C nano-composite	Madan A.B.; Parthiban A.	E3S Web of Conferences	2024	Conference paper
143	2-s2.0-85180306258	Organic and inorganic pollutants removal from tannery effluent using electrocoagulation technique	Muthukrishnaraj A.; Kalaivani S.S.; Visagamani A.M.; Ayyar M.; Kosiha A.; Dinesh A.; Padmapriya G.; Rathinavel S.; Padmavathi K.; Hashem M.; Fouad H.; Ansari A.	Zeitschrift fur Physikalische Chemie	2024	Article
144	2-s2.0-85186454190	Classification of Thyroid Using Data Mining Models: A Comparison with Machine Learning Algorithm	Balasree K.; Dharmarajan K.	SN Computer Science	2024	Article

145	2-s2.0-85151894028	Progress and prospects of biopolymers production strategies	Hari S.; Ramaswamy K.; Sivalingam U.; Ravi A.; Dhanraj S.; Jagadeesan M.	Physical Sciences Reviews	2024	Article
146	2-s2.0-85195573815	Fusing Medical Images Using Pyramid Decomposition by DLCNN Method	Hema L.K.; Dwibedi R.K.; Vanitha V.; Dey A.C.; Jothlakshmi G.R.; Dwibedi S.K.	Advancements in Clinical Medicine	2024	Book chapter
147	2-s2.0-85187901084	A review of using deep learning from an ecology perspective to address climate change and air pollution	Murugadoss R.; Nesamani S.L.; Banushri A.; Monica K.M.; Vairavel M.; Rajini S.N.S.; Gopi P.	Global Nest Journal	2024	Article
148	2-s2.0-85192790360	ECG waveform generation from radar signals: A deep learning perspective	Chowdhury F.A.; Hosain M.K.; Bin Islam M.S.; Hossain M.S.; Basak P.; Mahmud S.; Murugappan M.; Chowdhury M.E.H.	Computers in Biology and Medicine	2024	Article

149	2-s2.0-85187116191	An Overview of the Need for Circular Economy on Electric Vehicle Batteries	Padmanabhan S.; Joel C.; Mahalingam S.; Deepak J.R.; Kumar T.V.; Raj D.	Nature Environment and Pollution Technology	2024	Article
150	2-s2.0-85197448927	Nanosuspensions in Breast Cancer Therapy: A Comprehensive Overview	Sebastine; Fathima M.Z.	International Journal of Drug Delivery Technology	2024	Review
151	2-s2.0-85191781380	Artificial intelligence and emotional intelligence in marketing	Velmurugan R.; Sudarvel J.; Bhuvaneswari R.; Jayanthi N.; Ganesh R.S.; Mariyappan M.S.R.	Balancing Automation and Human Interaction in Modern Marketing	2024	Book chapter

152	2-s2.0-85192931143	Auto-Grouping Sedimentation Using Unsupervised Based Clustering Techniques	Surampudi R.; Kumudham R.	SSRG International Journal of Electronics and Communication Engineering	2024	Article
153	2-s2.0-85186769829	Polyethylene terephthalate waste derived nanomaterials (WDNMs) and its utilization in electrochemical devices	Manjunathan J.; Pavithra K.; Nangan S.; Prakash S.; Saxena K.K.; Sharma K.; Muzammil K.; Verma D.; Gnanapragasam J.R.; Ramasubburayan R.; Revathi M.	Chemosphere	2024	Article

154	2-s2.0-85191883294	Artificial intelligence and creativity in marketing: A symbiotic alliance	Velmurugan R.; Sudarvel J.; Bhuvaneshwari R.; Ganesh R.S.; Jayanthi N.; Mariyappan M.S.R.	Balancing Automation and Human Interaction in Modern Marketing	2024	Book chapter
155	2-s2.0-85180415088	Microbial consortium and impact of industrial mining on the Natural High Background Radiation Area (NHBRA), India – Characteristic role of primordial radionuclides in influencing the community structure and extremophiles pattern	Pradhoshini K.P.; Santhanabharathi B.; Priyadharshini M.; Ahmed M.S.; Murugan K.; Sivaperumal P.; Alam L.; Duong V.-H.; Musthafa M.S.	Environmental Research	2024	Article
156	2-s2.0-85184617240	Numerical model study on stability of a micro-tidal inlet at Muttukadu along the east coast of Bay of Bengal	Ayyappan K.; Thiruvengkatasamy K.; Balu R.; Devendrapandi G.; Kadaikunnan S.; Ayyamperumal R.	Environmental Research	2024	Article
157	2-s2.0-85196180943	Water use efficiency and water productivity of aerobic rice under drip irrigation and fertigation system by using daily soil water balance	Mariyappillai A.; Arumugam G.; Marappan K.	Journal of Agrometeorology	2024	Note

158	2-s2.0-85191830404	Arbuscular Mycorrhizal inoculants and its regulatory landscape	Ghorui M.; Chowdhury S.; Balu P.; Burla S.	Heliyon	2024	Review
159	2-s2.0-85186940691	Sulfur-encapsulated carbon templet as a structured cathode material for secondary sodium-sulfur battery	Janshirani P.J.; Rengapillai S.; Elumalai S.; Subashchandrabose R.; Marimuthu S.	Ionics	2024	Article
160	2-s2.0-85192123710	Integration of biomedical engineering in augmented reality and virtual reality applications	Rubi J.; Vijayalakshmi A.; Venkatesan S.	Applications of Virtual and Augmented Reality for Health and Wellbeing	2024	Book chapter
161	2-s2.0-85179121850	Green synthesis, molecular structure, spectroscopic, ADME, DFT and molecular docking studies on methyl 10-trans,12-cis-octadecadienoate	Ezhilan S.; Rajesh P.; Suresh S.; Pradhabhan D.	Journal of Molecular Structure	2024	Article

162	2-s2.0-85193678374	Classical clustering technique for segmentation of skin cancer image	Kumar V.S.; Kavitha M.; SivaPrakasam S.A.; Bavya S.	Applications of Parallel Data Processing for Biomedical Imaging	2024	Book chapter
163	2-s2.0-85196726155	Is artificial intelligence really influencing the marketing strategies and consumer behaviour?; [¿Influye realmente la inteligencia artificial en las estrategias de marketing y el comportamiento de los consumidores?]	Latha R.S.; Chandran M.	Salud, Ciencia y Tecnologia - Serie de Conferencias	2024	Article
164	2-s2.0-85191025219	An Experimental and Comparative Analysis of Glass Fibre Reinforced with Mobile Phone Display (Powder) with Epoxy Resin	Maxraj J.; Suyamburajan V.A.	E3S Web of Conferences	2024	Conference paper

165	2-s2.0-85204258072	A REVIEW ON COGNITIVE BASED RANSOMWARE DETECTION USING MACHINE LEARNING AND DEEP LEARNING TECHNIQUES	Balamurugan M.S.; Rajendran V.; Mary S.S.C.	Journal of Theoretical and Applied Information Technology	2024	Review
166	2-s2.0-85186734187	Biological evaluation of ruthenium(II) complexes appended curcumin derivatives: Synthesis, spectral characterization, anti-oxidant and anti-cancer studies	Saran P.; Vishnu D.; Parveen S.; Kosiha A.; Dharani S.; Kalaiarasi G.	Inorganica Chimica Acta	2024	Article
167	2-s2.0-85189806434	ADMET prediction and molecular simulation of prosopis juliflora against lung cancer protein (ATK1)	Pandiyan S.A.; Gokul V.; Madhumitha L.; Pazhamalai V.; Romauld S. I.; Meenambiga S.S.	Harnessing Medicinal Plants in Cancer Prevention and Treatment	2024	Book chapter

168	2-s2.0-85186948242	DDoS attack detection in cloud using ensemble model tuned with optimal hyperparameter	Reddy K.B.; Meera S.	International Journal of Adaptive Control and Signal Processing	2024	Article
169	2-s2.0-85196762127	Influence of reference groups of brand connectivity of consumers; [Influencia de los grupos de referencia de la conectividad de marca de los consumidores]	Vimaladhevi N.; Thaiyalnayaki M.	Salud, Ciencia y Tecnologia - Serie de Conferencias	2024	Article
170	2-s2.0-85195866632	Structural Invariant Feature Segmentation Based Apple Fruit Disease Detection Using Deep Spectral Generative Adversarial Networks	Subha V.; Kasturi K.	SN Computer Science	2024	Article
171	2-s2.0-85191012318	Study of mechanical behaviour & microstructural properties on friction stir welded aluminium alloys 6082 - t6&8011	Sivabalan S.; Sridhar R.; Ajith Arul Daniel S.; Sathishkumar G.	E3S Web of Conferences	2024	Conference paper

172	2-s2.0-85184022852	Homology modeling and protein-protein interaction studies of GAPDH from <i>Helopeltis theivora</i> and chitinase from <i>Pseudomonas fluorescens</i> to control infection in tea [<i>Camellia sinensis</i> (L.) O. Kuntze] plants	Suganthi M.; Sowmya H.; Manjunathan J.; Ramasamy P.; Thiruvengadam M.; Varadharajan V.; Venkidasamy B.; Senthilkumar P.	Plant Stress	2024	Article
173	2-s2.0-85153725214	Biopolymer based membrane technology for environmental applications	Janakiraman V.; Sowmya S.; Thenmozhi M.	Physical Sciences Reviews	2024	Review
174	2-s2.0-85190983190	Investigate the Mechanical properties of Al7075-MoS2 Composite via Powder Metallurgy	Prabhu Deva M.; Parthiban A.; Theerka Tharisanan R.; Ashok Raj R.	E3S Web of Conferences	2024	Conference paper
175	2-s2.0-85189087218	Influence of graphene nanoplates and titanium diboride particulate on wear and interfacial bonding properties of sintered aluminium alloy composites	Lokesh Kumar J.; Gurusamy P.; Gayathri N.; Muthuraman V.	Diamond and Related Materials	2024	Article
176	2-s2.0-85188951426	IBSHC: Improved BIRCH-based segmentation and hybrid classification model for Mango Disease Detection	Lavanya K.; Packialatha A.	Journal of Phytopathology	2024	Article

177	2-s2.0-85196756373	Millennial consumer's stance toward sustainable fashion apparel; [La postura del consumidor millennial ante la moda sostenible]	Chalapathi B.; Rajini G.	Salud, Ciencia y Tecnologia - Serie de Conferencias	2024	Article
178	2-s2.0-85193517088	Advancement in Generation and Application of Microfluidic Chip Technology	Savitri G.	International Journal of Pharmaceutical Sciences and Nanotechnology	2024	Review
179	2-s2.0-85190530622	Metal organic framework anchored onto biowaste mediated carbon material (rGO) for remediation of chromium (VI) by the photocatalytic process	Sathish S.; Kumar.K S.; U S.; Prabu D.; Karthikeyan M.; D V.; S S.; P A.; Baigenzhenov O.; Kumar J.A.	Chemosphere	2024	Article
180	2-s2.0-85190701959	Material selection of subsea storage tanks for arctic sea conditions	Tirumanur Shanmugavelu A.K.; Rajaraman M.	E3S Web of Conferences	2024	Conference paper

181	2-s2.0-85189033207	An IoT enabled computational model and application development for monitoring cardiovascular risks	Rajaganapathi R.; Mahendran R.; Sivaganesan D.; Vadivel M.R.; Joel M.R.; Kannan V.	e-Prime - Advances in Electrical Engineering, Electronics and Energy	2024	Article
182	2-s2.0-85173549996	Effect of e-waste materials as filler in the flax woven fiber reinforced polymer composite for a sustainable environment	Raj J.I.D.; Durairaj R.B.; Ananth S.V.; Meenakshisundaram N.	Environmental Quality Management	2024	Article
183	2-s2.0-85190296254	Mukia maderaspatana (L.) M. Roem. phytoconstituents: Unveiling their anticancer potentials against hepatocellular carcinoma cells	Vasantha Kumar S.; Shobana C.; Rohini D.; Manjunathan J.; Ramasubburayan R.; Thirumalaivasan N.; Prakash S.; Usharani B.	South African Journal of Botany	2024	Article

184	2-s2.0-85196763823	Customer satisfaction in retail services: a study with reference to Kottayam district in Kerala; [Satisfacción del cliente en los servicios al por menor: un estudio con referencia al distrito de Kottayam en Kerala]	John S.; Thaiyalnayaki M.	Salud, Ciencia y Tecnología - Serie de Conferencias	2024	Article
185	2-s2.0-85196760674	Fostering employee engagement and knowledge sharing through artificial intelligence; [Fomentar el compromiso de los empleados y el intercambio de conocimientos mediante la inteligencia artificial]	Anisha Estherita S.; Vasantha S.	Salud, Ciencia y Tecnología - Serie de Conferencias	2024	Article
186	2-s2.0-85187253807	Automated retinal disease classification using hybrid transformer model (SViT) using optical coherence tomography images	Hemalakshmi G.R.; Murugappan M.; Sikkandar M.Y.; Begum S.S.; Prakash N.B.	Neural Computing and Applications	2024	Article
187	2-s2.0-85192392990	Study of morphology and orchid mycorrhizal associations in <i>Malaxis rheedei</i>	Jyothsna B.S.; Mahendran R.; Mishra M.R.; Dey S.; Srivastava D.	Journal of Applied Biology and Biotechnology	2024	Article

188	2-s2.0-85195552828	Properties of different graded coir pith by Keen-Raczkowski box and Brunauer-Emmett-Teller analysis	Anbarasu M.; Gurusamy A.; Saravanan S.	Journal of Environmental Biology	2024	Article
189	2-s2.0-85188906322	Comparative studies on the cultivation, yield, and nutritive value of an edible mushroom, Pleurotus tuber-regium (Rumph. ex Fr.) Singer, grown under different agro waste substrates	Aswathy S.; Shyamalagowri S.; Hari S.; Kanimozhi M.; Meenambiga S.S.; Thenmozhi M.; Karthiyayini R.; Suresh D.; Manjunathan J.	3 Biotech	2024	Article
190	2-s2.0-85188336698	On Solving Multi-Attribute Decision Making Problem Using AHP	Jayapriya J.; Selvakumari K.; Kavitha S.	E3S Web of Conferences	2024	Conference paper
191	2-s2.0-85186249182	Synthesis, structural properties, thermal behavior, and electrical and electrochemical sensing performance of tamarind seed polysaccharide-lithium nitrate polymer electrolyte	Monisha S.; Prameela P.; Boopathi G.; Selvalakshmi S.; Gnanam S.; Gajendiran J.	Ionics	2024	Article
192	2-s2.0-85195590852	Classification of Lung Images of COVID-19 Patients With the Application of Deep Learning Techniques	Meenakshi C.; Meyyappan S.; Ram A.G.; Vijayakarthish M.; Vinoth N.; Singh B.	Advancements in Clinical Medicine	2024	Book chapter

193	2-s2.0-85196721321	Dimensions of responsible tourism and quality of life; [Dimensiones del turismo responsable y la calidad de vida]	Dhilipan Rajha R.A.; Rajini G.	Salud, Ciencia y Tecnologia - Serie de Conferencias	2024	Article
194	2-s2.0-85195370319	KACZMAR SPATIO Temporal Nelder Mead Multilayer Perceptrons for Stress Detection Using EEG Signals	Raja M.S.M.S.; Raaza A.; Meena; Virani F.	International Journal of Engineering Trends and Technology	2024	Article
195	2-s2.0-85185830354	Applications of fungal based nanoparticles in cancer therapy– A review	Janakiraman V.; Manjunathan J.; SampathKumar B.; Thenmozhi M.; Ramasamy P.; Kannan K.; Ahmad I.; Asdaq S.M.B.; Sivaperumal P.	Process Biochemistry	2024	Review

196	2-s2.0-85188812699	Identifying Potent Fat Mass and Obesity-Associated Protein Inhibitors Using Deep Learning-Based Hybrid Procedures	Mayuri K.; Varalakshmi D.; Tharahaswari M.; Somala C.S.; Priya S.S.; Bharathkumar N.; Senthil R.; Kushwah R.B.S.; Vickram S.; Anand T.; Saravanan K.M.	BioMedInformatics	2024	Article
197	2-s2.0-85189535941	Understanding the Electrochemical Performance of Spongy C-F Derivative Chains as an Effective Anion Trapping Composite Matrix for Li-Ion Batteries	Saminathan A.; Amudhasagar D.; Elumalai S.; Leonard Joseph P.; Subashchandrabose R.; Krishnasamy S.	ACS Sustainable Chemistry and Engineering	2024	Article
198	2-s2.0-85186890384	DEVELOPMENT AND VALIDATION OF AN LC-MS/MS METHOD FOR THE DETERMINATION OF TENOFOVIR AND EMTRICITABINE	Priyadarshini I.; Akila D.D.	International Journal of Applied Pharmaceutics	2024	Article

199	2-s2.0-85189159004	Diabetic Foot Ulcer Detection: Combining Deep Learning Models for Improved Localization	Sarmun R.; Chowdhury M.E.H.; Murugappan M.; Aqel A.; Ezzuddin M.; Rahman S.M.; Khandakar A.; Akter S.; Alfkey R.; Hasan A.	Cognitive Computation	2024	Article
200	2-s2.0-85186466408	A Novel Approach for Air Quality Index Prognostication using Hybrid Optimization Techniques	Rajagopal K.; Narayanan K.	International Research Journal of Multidisciplinary Technovation	2024	Article

201	2-s2.0-85200590127	Interactive Sign Language Learning System Using Computer Vision and Deep Learning	Murugan S.; Ali M.K.; Singari D.; Kumar S.P.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper
202	2-s2.0-85184333588	Comprehensive review on DDoS attack prevention in cloud environment	Radha K.; Parameswari R.	AIP Conference Proceedings	2024	Conference paper

203	2-s2.0-85202340830	An Approach to Radiotherapy Treatment Planning based on Machine Learning Algorithms	Divya K.; Bhargavi C.H.; Abirami M.; Arjun P.; Padmaja P.; Dhanwanth B.	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024	2024	Conference paper
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204	2-s2.0-85200704861	Thyroid Detection and Recognition Based on Multi-Layer Recursive Neural Network (ML-RNN) Using in Deep Learning	Balasree K.; Dharmarajan K.	Proceedings - 2024 3rd International Conference on Sentiment Analysis and Deep Learning, ICSADL 2024	2024	Conference paper
205	2-s2.0-85184333589	Machine learning applications and techniques in healthcare domain: A review	Sheeba R.M.; Parameswari R.	AIP Conference Proceedings	2024	Conference paper

206	2-s2.0-85200594041	A gradient and double threshold-based algorithm for improved wideband spectrum sensing	Monisha M.; Vijayalakshmi P.; Gokulakkannan S.; Ajayraman M.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper
207	2-s2.0-85199184544	Uniform distribution tuna swarm optimisation and deep neural network for foetal health classification	Jansi B.; Sumalatha V.	International Journal of Bioinformatics Research and Applications	2024	Article

208	2-s2.0-85185472762	Experimental Analysis Using Hybrid Convolutional Neural Networks, Gradient Boosting Classifier, and Differential Algorithm for Detection of COVID-19 from X-Ray Images	Akila S.; Prasanna S.	SSRG International Journal of Electronics and Communication Engineering	2024	Article
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209	2-s2.0-85199318928	Machine Learning for Drug Discovery: Predicting Drug-Protein Binding Affinities using Graph Convolutional Networks	Radhamahendran S.; Dogra A.; Mendhe D.; Tilak Babu S.B.G.; Dixit S.; Singh S.P.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper
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210	2-s2.0-85200586255	Efficient Dengue Spread Prediction Using Machine Learning Models with Various Preprocessing Techniques	Saraswathi K.; Rohini K.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper
211	2-s2.0-85200361225	Assessing Sustainable Development of e-Government Services Towards Citizen Satisfaction Through Continuous Improvement Approach	Vimala D.; Vasantha S.; Shanmathi A.	Intelligent Systems Reference Library	2024	Book chapter

212	2-s2.0-85203835417	Compactness and Connectedness in Beta Weakly Semi – Closed Sets in Topological Spaces	Saranya S.; Sasikala V.E.	Communications on Applied Nonlinear Analysis	2024	Article
213	2-s2.0-85200566769	A comparative stratification of Automated Indagation on Apple Disease Using DeepSpectral Generative Adversarial and Densenet Convolutional Neural Network	Subha V.; Kasturi K.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper

214	2-s2.0-85199359984	The Role of IoT in Revolutionizing Payment Systems and Digital Transactions in Finance	Thirumagal P.G.; Das T.; Das S.; Khatri E.; Kiran S.; Rani S.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper
215	2-s2.0-85204180443	A Hybrid Logistic Scroll Chaotic Encryption Algorithm for Ensuring the Cloud Security to Couterfeiting the Attacks	Swetha M.; Kathirvelu K.	Journal of Intelligent Systems and Internet of Things	2024	Article

216	2-s2.0-85203108203	Securing IoT Healthcare Data: The Power of Blockchain and Homomorphic Encryption	Sathishkumar M.; Raghavendran V.	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings	2024	Conference paper
217	2-s2.0-85200160095	Molecular Characteristics of Cephalosporin Resistant Escherichia coli and Klebsiella pneumoniae Isolated from Children in a Tertiary Care Centre of Central Kerala, India	Thattil S.J.; Dhanaraj S.; Ajith T.A.	Anti-Infective Agents	2024	Article

218	2-s2.0-85199182199	Intelligent smart-watch for enhanced cardiovascular health management	Rama S.T.; Heeravathi S.; Ragul R.; Shanmugasundaram N.	Advances in AI for Biomedical Instrumentation, Electronics and Computing - Proceedings of the 5th International Conference on Advances in AI for Biomedical Instrumentation, Electronics and Computing, ICABEC 2023	2024	Conference paper
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219	2-s2.0-85199434208	Empowered Artificial Intelligence Approach using Intuitionistic Fuzzy based Deep Neural Network for Chronic Diseases Prediction	Karthik D.; Arun S.	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2024	2024	Conference paper
220	2-s2.0-85204212664	PPG2RespNet: a deep learning model for respirational signal synthesis and monitoring from photoplethysmography (PPG) signal	Shuzan M.N.I.; Chowdhury M.H.; Alam S.B.; Reaz M.B.I.; Khan M.S.; Murugappan M.; Chowdhury M.E.H.	Physical and Engineering Sciences in Medicine	2024	Article

221	2-s2.0-85177583998	Green synthesis, spectroscopic investigation, quantum chemical and molecular docking studies of 3-methylisoxazolo [4,5-b]pyridine	Dhanalakshmi E.; Rajesh P.; Suresh S.; Priyadharshini M.; Prabhakaran M.	Journal of Molecular Structure	2024	Article
222	2-s2.0-85200603268	Enhancing Arrhythmia Disease Classification Using MLP with Whale Optimization Approach	Mythili R.; Aneetha A.S.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper

223	2-s2.0-85199412698	An Analysis between Multi-criteria Decision-Making Methods through an Application under Pythagorean Fuzzy Hypersoft Sets	Dhanalakshmi G.; Sandhiya S.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper
224	2-s2.0-85188308490	Entropy Method of Multi-Attribute Decision-Making Problems	Shanmugapriya P.; Selvakumari K.; Kavitha S.	E3S Web of Conferences	2024	Conference paper

225	2-s2.0-85203109763	Deep Generative Decision Neural Network Approach for Effective Early Prediction of Meninges	Shabana A.; Kavitha P.; Kamalakkannan S.	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings	2024	Conference paper
226	2-s2.0-85202038425	Rough Set Analysis for Categorizing Motorcycles based on 100 Cubic Centimeters (CC) Engine Displacements	Venmani R.; Rajendran K.	Communications on Applied Nonlinear Analysis	2024	Article

227	2-s2.0-85201818472	Finding of Maturity Level of Crops for Harvesting using IOT and ML Based Structured Framework	Swaranambigai R.; Mythili R.; Aeron A.; Thilakavathy P.; Alassedi Z.; Al-Azzawi W.	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024	2024	Conference paper
228	2-s2.0-85200916687	An Investigation into the Design and Analysis of the Front Frame Bumper with Dynamic Load Impact†	Rajan B.G.; Padmanabhan S.; Gautam D.; Khan F.; Baskar S.; Saravanan A.L.; Sharma A.	Engineering Proceedings	2024	Article
229	2-s2.0-85204084438	Effect of Graphite Nanoadditives on the Behavior of a Diesel Engine Fueled with Pyrolysis Fuel Recovered from Used Plastics	Sambandam P.; Punitha N.; Vijetha K.; Baskar S.; Shamprasshaath S.V.; Seikh A.H.; Ifseisi A.A.; Sharma A.	ACS Omega	2024	Article

230	2-s2.0-85200749390	A Facile Synthesis and Characterisation of CdS Nanoparticles at Low Temperature Using Aegle Marmelos Extract	Rajkumar T.; Venkateswaran L.; Thirunavukkarasu S.; Rangasamy S.A.	Journal of Physics: Conference Series	2024	Conference paper
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231	2-s2.0-85199172131	Generating maximum power in photovoltaic systems using HHO-based embedded controllers	Sujithkumar T.P.; Shanmugasundaram; Rajendran V.; Mishra D.	Advances in AI for Biomedical Instrumentation, Electronics and Computing - Proceedings of the 5th International Conference on Advances in AI for Biomedical Instrumentation, Electronics and Computing, ICABEC 2023	2024	Conference paper
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232	2-s2.0-85200774547	An Intelligent IoT Framework for Heart Diseases Prediction Using Harris Hawk Optimized GRNN	Parvathy S.; Packialatha A.	Journal of Intelligent Systems and Internet of Things	2024	Article
233	2-s2.0-85202425297	Water Contamination and the Circular Economy	Ganesan N.	Circular Economy: Applications for Water Remediation	2024	Book chapter

234	2-s2.0-85203106408	Alzheimer's Disease Classification and Severity Level Identification in Image Processing Using Deep Learning Algorithms	Devi T.S.; Raghavendran V.	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings	2024	Conference paper
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235	2-s2.0-85199416406	Reinforcement Learning Driven Smart Charging Algorithms to Enhance Battery Lifespan and Grid Sustainability	Sivakumar S.; Yadav M.R.; Bharathi A.; Akila D.; Dineshkumar P.; Banupriya V.	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2024	2024	Conference paper
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236	2-s2.0-85199390309	IoT and AI for Real-Time Customer Behavior Analysis in Digital Banking	Madhumita G.; Das T.; Das S.; Khatri E.; Ravisankar P.; Hemachandu P.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper
237	2-s2.0-85201955704	Revolutionizing of bioactive natural products in prostate cancer research and care: Promising discoveries and future directions	Reddy K.T.K.; Krishnan K.; Shanmugasundaram P.; Ronald Darwin C.; Pandian B.; Govindaraj S.; Jaganath P.; Ganesan S.	Intelligent Pharmacy	2024	Review

238	2-s2.0-85202342620	Fake News Detection Through Feature Weight Optimized Lasso Regression (FWO-LAR)	Santhoshkumar M.; Divya V.	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024	2024	Conference paper
239	2-s2.0-85200148297	A Study of s Star p Star Homeomorphism in Topological Spaces	Sudha R.; Sasikala V.E.	Communications on Applied Nonlinear Analysis	2024	Article
240	2-s2.0-85200787737	Impacts of Website Design Attributes and Functional Benefits on Consumer-Instrumental Value in Electronic Commerce Apparel Websites	Krithika P.; Vasantha S.	Lecture Notes in Electrical Engineering	2024	Conference paper

241	2-s2.0-85201527049	Investigation of the environmental implications of using cerium oxide nano-additives in gasoline engines fueled with gasoline-oxyhydrogen	Sambandam P.; James Raj D.; Thangaraj V.K.; Muthiya S.J.; Subramanian M.; Pachamuthu S.; Praveen Kumar T.	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2024	Article
242	2-s2.0-85200541905	Ensuring Access Control Reliability and Security of Lightweight Blockchain-Based IOT Cloud-Based Electronic Medical Records Sharing	Sujitha S.J.; Tamil Selvi P.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper

243	2-s2.0-85201007031	Deep neural network-based stress detection using biosignals	Vidhya R.; Jerritta S.; Thiyyagasundaram T.	Affective Computing Applications using Artificial Intelligence in Healthcare: Methods, approaches and challenges in system design	2024	Book chapter
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244	2-s2.0-85200536445	Driver Health Monitoring System to Identify Cardiac Problems in Drivers using Live ECG Signal	Arif M.K.; Kathirvelu K.; Yasir A.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper
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245	2-s2.0-85200548145	Web Based Cyber Attack Detection for Industrial System (PLC) Using Deep Learning	Yasir A.; Kathirvelu K.; Arif M.K.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper
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246	2-s2.0-85199285023	Intelligent Energy Management Energy Storage Systems Using Machine Learning	Govindasamy C.; Dayana T.R.N.; Adkar S.D.; Prakash D.S.; Gupta A.S.; Trivedi S.K.	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024	2024	Conference paper
247	2-s2.0-85171613322	Stability of bonds, kinetic stability, energy parameters, spectral characterization, GC-MS and molecular descriptors studies on coumarine, 3-[2-(1-methyl-2-imidazolylthio)-1-oxoethyl]	Dhanalakshmi E.; Rajesh P.; Kandan P.; Kesavan M.; Jayaraman G.; Selvaraj A.; Priya R.	Journal of Molecular Structure	2024	Article
248	2-s2.0-85200761216	Analyzing the evaluation metrics of detecting gastrointestinal tumor using segmentation techniques in endoscopic images	Pooja K.; Jerritta S.	Onkologia i Radioterapia	2024	Article

249	2-s2.0-85200604658	Improved Gaussian Grasshopper Optimization Algorithm (IGGOA) and Deep Belief Network (DBN) For Fetal Health Classification	Jansi B.; Sumalatha V.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper
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250	2-s2.0-85199413840	IoT-Driven Credit Scoring Models: Improving Loan Decision Making in Banking	Thirumagal P.G.; Das T.; Das S.; Vinit Sikka C.S.; Amit Kumar C.S.; Kusuma T.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper
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251	2-s2.0-85184883200	Efficient Brain Tumor Identification Based on Optimal Support Scaling Vector Feature Selection (OSSCV) Using Stochastic Spin-Glass Model Classification	Veneeswari J.; Sankar Ganesh S.; Krishnasamy L.; Rengaraj T.; Suseela D.; Kumaran N.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article
252	2-s2.0-85201415224	An effectual underwater image enhancement framework using adaptive trans-resunet ++ with attention mechanism	Meera S.; P A.	Journal of Experimental and Theoretical Artificial Intelligence	2024	Article

253	2-s2.0-85203105300	Synergizing Generative Adversarial Networks and Pseudo-Labeling for Improved Knee Osteoarthritis Detection	Arumugam S.R.; Sheela Gowr P.; Ponnaian G.; Maharajan K.; Karuppasamy S.G.; Muralitharan D.	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings	2024	Conference paper
254	2-s2.0-85184317625	The effect of health communication on using garbha mobile application for maternity	Jayalakshmi V.; Jothi P.S.	AIP Conference Proceedings	2024	Conference paper
255	2-s2.0-85200666735	Nut Image Enhancement: Effective Noise Removal with Enhanced Selective Median Filters (ESMF) Methodology	Saranya P.; Durga R.	Lecture Notes in Networks and Systems	2024	Conference paper

256	2-s2.0-85199358472	AI-Enhanced IoT Data Analytics for Risk Management in Banking Operations	Thirumagal P.G.; Vaddepalli S.; Das T.; Das S.; Madem S.; Immaculate P.S.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper
257	2-s2.0-85200767167	Evaluation of Compound Hordenine (<i>Hordeum vulgare</i>): In-vitro, Gene Expression, and Molecular Modeling Investigations	Athilli L.; Balasubramaniam A.; Raju N.A.	Research Journal of Pharmacy and Technology	2024	Article

258	2-s2.0-85184694316	A Survey on Design and Implementation of Mimo Antennas for Wireless Communication	Bodepudi H.C.; Raaza A.; Rajendran V.; Prabhu V.; Meena M.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article
259	2-s2.0-85203286399	Phytosynthesis of copper nanoparticles using curcuma aromatica and its application in medical fabrics for antibacterial activity	Janakiraman V.; Reethiga; Sampathkumar B.; Prakash N.K.U.	Journal of Plant Biochemistry and Biotechnology	2024	Article

260	2-s2.0-85199431384	An Improved Deep Forest Classification and Intelligent Segmentation for skin Cancer Prediction Technique Inspired by Whale Optimization	Siva Prasad Reddy K.V.; Meera S.	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2024	2024	Conference paper
261	2-s2.0-85204111193	Research direction towards exploring software control radio using machine learning algorithms for smart hotel applications with future aspects	Rajasekhar I.; Monisha M.	Australian Journal of Electrical and Electronics Engineering	2024	Article

262	2-s2.0-85201623316	Investigation of Quartz-Rich Granite Dust Particle-Reinforced Aluminized Glass–Kenaf Fiber-Reinforced Polyester Composite: Load Bearing, Water absorption and Flame Properties	Prakash N.R.; Gnanavel C.	Fibers and Polymers	2024	Article
263	2-s2.0-85199399203	Machine Learning for Diversity and Inclusion: Addressing Biases in HR Practices	Anitha Kumari D.; Shaikh I.A.K.; Gangadharan S.; Narendra Kiran P.B.; Ramya S.R.; Nargunde A.S.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper

264	2-s2.0-85199322263	Application of Machine Learning Algorithms in Personalized Marketing	Thirumagal P.G.; Kishore Bhattacharjee D.; Dorbala R.; Palav M.R.; Viji S.; Mahajan V.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper
265	2-s2.0-85201224678	Stability Indicating and Green Solvent-Assisted Chromatographic Analysis of an Antiviral Drug	Archana K.; Sumithra M.	Chromatographia	2024	Article
266	2-s2.0-85200768533	Growth of Helical Coiled Double and Triple Walled Carbon Nanotubes at Low Temperature using FeMoMgO catalyst	Manikandan D.; Somanathan T.	Journal of Physics: Conference Series	2024	Conference paper

267	2-s2.0-85182895591	Analysis of smart grid-based intrusion detection system through machine learning methods	Ravikumar D.; Sasikala K.; Vijayashanthi R.S.; Narasimha Prasad S.	International Journal of Electronic Security and Digital Forensics	2024	Article
268	2-s2.0-85199298860	Elevating Spectral Efficiency through Quantum-Inspired Deep Learning in Massive MIMO for 5G Communications	Raja K S.; Jothi Lakshmi G.R.	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024	2024	Conference paper
269	2-s2.0-85202013515	Shortest Path Problem Using Pentagonal Fuzzy Number	Sasikala D.; Santhi S.	Nanotechnology Perceptions	2024	Article

270	2-s2.0-85188212355	Application of Machine Learning Techniques on Multivariate Ocean Parameters	Sivasankari M.; Anandan R.; Rajesh G.	Journal of Scientific and Industrial Research	2024	Article
271	2-s2.0-85185197953	New Pd(II) complexes containing hydrazinyl oxazolyl coumarin derivatives: synthesis, spectral characterization and anti-cancer studies	Parveen S.; Deebakkrishnan G.; Kosiha A.; Kalaiarasi G.	Zeitschrift fur Physikalische Chemie	2024	Article

272	2-s2.0-85200693546	An Efficient Method for Water Quality Prediction for Ungauged River Catchment Under Dual Scenarios Based on CNN-BiRNN-A Approach	Vipin V.; Nerlekar T.; Mishra N.; Ravitheja A.; Kiruthika S.; Hemamalini U.	1st International Conference on Electronics, Computing, Communication and Control Technology, ICECCC 2024	2024	Conference paper
273	2-s2.0-85183206229	Growth, spectral, optical, and third harmonic generation studies of p-Hydroxyacetanilide (PHA) crystals	Bhavani K.; Christina Rhoda J.; Hossain M.K.; Karnan C.	Optical Materials	2024	Article

274	2-s2.0-85200600552	Crime Prediction on Open Data in India Using Data Mining Techniques	Menaka M.; Sujatha P.	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	2024	Conference paper
275	2-s2.0-85200674023	Chaotic Map Cryptographic Hash-Blockchain Technology with Supply Chain Management	Silvia Priscila S.; Piramu Preethika S.K.; Radhakrishnan S.; Bagavathi Lakshmi R.; Sakthivanitha M.; Mahaveerakannan R.	Lecture Notes in Networks and Systems	2024	Conference paper

276	2-s2.0-85200030646	Computational aspects of DFT, HOMO-LUMO, PED, molecular docking and basic characterisations of Octadec-9-Enoic Acid (C18H34O2)	Prabhu C.; Rajesh P.; Lawrence M.; Sahaya Jude Dhas S.; Almansour A.I.	Molecular Physics	2024	Article
277	2-s2.0-85199397014	AI-powered Performance Management: Driving Employee Success and Organizational Growth	Madhumita G.; Dolly Diana P.; Neena P.C.; Narendra Kiran P.B.; Aggarwal S.; Nargunde A.S.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper

278	2-s2.0-85192768795	Unmasking of Heart Disease Symptoms Using the COVID-19 Vaccine Dataset in Twitter: Text Feature Extraction, Sentiment Analysis	Devi N.S.; Sharmila K.; Hannah J.G.	Futuristic e-Governance Security With Deep Learning Applications	2024	Book chapter
279	2-s2.0-85199315556	Deep Learning Models for Customer Lifetime Value Prediction in E-commerce	Anitha Kumari D.; Siddiqui M.S.; Dorbala R.; Megala R.; Rao K.T.V.; Srikanth Reddy N.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper

280	2-s2.0-85194539369	A detailed investigation of the catalytic abilities and adsorption curves of Banana peel with nanodendrite Silver nanoparticles for wastewater purification	Jyolsna P.; Gowthami V.	Journal of Integrated Science and Technology	2024	Article
281	2-s2.0-85185966341	The Impact of AI-driven Technological Influences on Security Measures within Digital Wallets amid Digital Revolution	Kavitha B.; Rajini G.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article

282	2-s2.0-85203813085	Predictive Modeling for Asset Bubble Detection in Financial Markets	Murugan S.; Sivakumar P.K.; Goyal A.; Goenka P.	International Conference on Smart Systems for Electrical, Electronics, Communication and Computer Engineering, ICSSEEC 2024 - Proceedings	2024	Conference paper
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283	2-s2.0-85203105097	Detecting Brain Tumor Stages Using Convolutional AutoEncoder (CAE) with Hybrid Deep Learning Method	Agalya D.; Kamalakkannan S.	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings	2024	Conference paper
284	2-s2.0-85182902646	Removal of hexavalent chromium from electroplating wastewater by ion-exchange in presence of Ni(II) and Zn(II) ions	Thiripelu P.; Manjunathan J.; Revathi M.; Ramasamy P.	Journal of Water Process Engineering	2024	Article

285	2-s2.0-85201685087	Towards Sustainable Waste Management: Exploring Machine Learning and Deep Learning Solutions for Biodegradable and Non-Biodegradable Waste Identification	Rekha S.S.; Kavitha P.; Kamalakkannan S.	Proceedings - 2024 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024	2024	Conference paper
286	2-s2.0-85199591846	Synthesis and characterization of ZnO-NiO nanocomposites for photocatalytic and electrochemical storage applications	Gnanam S.; Shynu R.K.; Gajendiran J.; Ramya J.R.; Thennarasu G.; Arul K.T.; Raj S.G.; Kumar G.R.	Ionics	2024	Article
287	2-s2.0-85199437124	Synthesis, characterization and analysis of biodegradable polymer-coated urea fertilizers for controlled nutrient release	Balashanmugavel B.; Subramani M.; Vunnam V.; Kasiviswanathan S.C.B.	Polymer Bulletin	2024	Article

288	2-s2.0-85200660948	Deep Learning-Based Algorithmic Trading Based on News and Events Strategies	Kayathri V.; Prabakaran P.	Lecture Notes in Networks and Systems	2024	Conference paper
289	2-s2.0-85203108865	Machine Learning-Based Prediction and Analysis of Air and Noise Pollution in Urban Environments	Vijayalakshmi A.; Abishek.b E.; Rubi J.; Dhivya J.A.; Kavidoss K.; Aakas Ram A.S.	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings	2024	Conference paper

290	2-s2.0-85084083597	RETRACTED ARTICLE: Recommender system for home automation using IoT and artificial intelligence	Gladence L.M.; Anu V.M.; Rathna R.; Brumancia E.	Journal of Ambient Intelligence and Humanized Computing	2024	Article
291	2-s2.0-85200659316	SECURING UNMANNED IOT DEVICES WITH TWO-FACTOR FUZZY COMMITMENT: A ROBUST APPROACH	Selvi P.T.; Poornima V.; Santhosh B.J.; Moyya P.D.; Mahesh Kumar A.S.; Alaskar K.; Patil H.; Rajaram A.	Journal of Environmental Protection and Ecology	2024	Article

292	2-s2.0-85203106841	Efficient Lung Cancer Detection Based on Support Scalar Vector Feature Selection with Fuzzy Optimized-Multi Perceptron Neural Network Using Natural Language Processing	Jabir K.; Kamalakkannan S.; Smiles J.A.	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings	2024	Conference paper
293	2-s2.0-85202714874	Development of QOS Aware Spectrum Access Algorithm for Different Radio Access Techniques (RATS)	Monisha M.; Vinoth Kanna S.; Deepak S.	2024 4th International Conference on Intelligent Technologies, CONIT 2024	2024	Conference paper

294	2-s2.0-85199385161	AI-Based Virtual Screening for Identifying Novel Drug Candidates	Radhamahendran S.; Deshmukh S.V.; Thiyagasundaram T.; Sivakumar K.; Tilak Babu S.B.G.; Singh S.P.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings	2024	Conference paper
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295	2-s2.0-85187443777	Improving the Security and Speed of GST Tracking by Use of Artificial Intelligence's Blockchain Real Time Technology	Gayathri B.; Vishwa Priya V.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article
296	2-s2.0-85202208578	A Novel Blockchain-Based Privacy-Preserved Data Sharing Using Deep Maxout Network in Federated Learning	Suganthi S.; Sree Kala T.	International Journal of Computational Intelligence and Applications	2024	Article
297	2-s2.0-85202611553	Gender and age classification using ASMNet based facial fiducial detection and Jordan neural network	Meenakshi J.; Thailambal G.	Progress in Artificial Intelligence	2024	Article

298	2-s2.0-85188300736	Diagnosis of gastric cancer in role of endoscopic imaging techniques in artificial intelligence and machine learning applications: An overview	Pooja K.; Kishore Kanna R.	E3S Web of Conferences	2024	Conference paper
299	2-s2.0-85203289613	Improving electrochemical and photocatalytic performance of C3N4/poly(thiophene)/poly(3,4-ethylene dioxy thiophene) nanocomposite	Munusamy S.; Bavani T.; Gnanamoorthy G.; Ramamurthy K.; Kalpana K.; Alotaibi M.A.	Ionics	2024	Article
300	2-s2.0-85203788797	On $\delta\alpha$ Closure and $\delta\alpha$ Interior S In TSS	Madhesan M.; Sasikala V.E.	Communications on Applied Nonlinear Analysis	2024	Article
301	2-s2.0-85195371437	Detection of Leaf Blight Disease in Sorghum Using Convolutional Neural Network	Senthil Kumar A.; Kesavan S.; Neeraj K.; Sharath Babu N.; Sasikala K.; Addisu B.	Communications in Computer and Information Science	2024	Conference paper

302	2-s2.0-85196833287	An Implementation of Photovoltaic Solar Panel Monitoring System Based on Internet of Things	Saranya J.; Divya V.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper
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303	2-s2.0-85194730144	Open Research Challenges in Wireless Technologies Case Study	Yogeshwari M.; Prasanth A.	Wireless Communication Technologies: Roles, Responsibilities, and Impact of IoT, 6G, and Blockchain Practices	2024	Book chapter
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304	2-s2.0-85197675286	Proactive Network Optimization Using Deep Learning in Predicting IoT Traffic Dynamics	Priya S.A.; Bhat N.; Kanna B.R.; Rajalakshmi S.; Jeyavathana R.B.; Srimathi S.	4th International Conference on Innovative Practices in Technology and Management 2024, ICIPTM 2024	2024	Conference paper
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305	2-s2.0-85196795925	LSTM-MI: Revolutionizing Intrusion Detection Through Adaptive Learning and Mutual Information Analysis	Archana J.; Aneetha A.S.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper
306	2-s2.0-85195546927	Unlocking the Magnetic and Half-Metallic Properties of AMY ₂ (A = Cu, Ag; M = Sc, Ti, V, Cr, Mn, Fe; Y = S, Se) Compounds in Chalcopyrite Structure: An Ab Initio Study for Spintronics Applications	Vijayalakshmi D.; Ramachandran T.; Jaiganesh G.; Kalpana G.; Hamed F.	Advances in Condensed Matter Physics	2024	Article

307	2-s2.0-85193625499	Exploring and Improving Deep Learning-Based Image Filtering and Segmentation Techniques for Enhancing Leukemia Images	Deepa G.; Kalpana Y.	Communications in Computer and Information Science	2024	Conference paper
308	2-s2.0-85198072853	Astragalin Nanoparticles Ameliorates CCl4 - Induced Liver Fibrosis in Rats	Ganesan N.; Anandhabhairavi N.; Arivarasan S.; Balamurugan V.; Anitha T.	Biomedical and Pharmacology Journal	2024	Article

309	2-s2.0-85196820256	An Approach for Optimal Preference of Providers Offering Cloud Services Using Decision Making involving Multiple Criteria	Krithika M.; Akila A.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper
310	2-s2.0-85192496594	Consequences of online class during COVID-19 with female schoolteachers' work-life balance	Jansi Rani T.; Krishna Priya V.	International Journal of Knowledge and Learning	2024	Article

311	2-s2.0-85197559635	3D Fast Fourier Transform Analysis for the Detection of Alzheimer's Disease in MRI Images	Thamizhvani T.R.; Hemalatha R.J.	Proceedings of the 2024 10th International Conference on Biosignals, Images and Instrumentation, ICBSII 2024	2024	Conference paper
312	2-s2.0-85193618031	A Constructive Role for Social Science in the Development of Automated Vehicles Based on LFM-BiGRU Approach	Srikanth J.; Nitheesha N.; Khetree S.; Josephson P.J.; Akila D.; Divya V.	2024 3rd International Conference for Innovation in Technology, INOCON 2024	2024	Conference paper

313	2-s2.0-85193573619	Harvesting Insights: Predicting Vegetable Prices with Hybrid CLA-Conv BiGRU Techniques	Lal Ambashtha K.; Praveen Kumar C.; Pandey V.; Sakthivel Padaiyatchi S.; Bharathi A.; Navaz K.	2024 3rd International Conference for Innovation in Technology, INOCON 2024	2024	Conference paper
314	2-s2.0-85197950052	AI-Enhanced Consumer Behavior Analysis in Digital Environments with BERT Optimization	Subrahmanyam P.; Jayachitra B.; Nandi S.; Selvi K.; Ramu V.; Sudharson K.	Proceedings of 2024 International Conference on Science, Technology, Engineering and Management, ICSTEM 2024	2024	Conference paper

315	2-s2.0-85196841584	Ant Colony Optimization-Load Balancing in Cloud Computing	Sivasankari S.; Aneetha A.S.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper
316	2-s2.0-85194231204	Extended Kalman Filter-Based Control of DC-DC Buck Converter	Mishra D.; Mandal S.; Bag M.	Lecture Notes in Electrical Engineering	2024	Conference paper

317	2-s2.0-85198838879	Efficient Contract Analysis and Management through Ai-Powered Tool: Time Savings and Error Reduction in Legal Document Review	Thirumagal P.G.; Raj M.M.A.; Naser S.J.; Hussien N.A.; Abbas J.K.; Vinayagam S.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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318	2-s2.0-85198856244	IoT Based Health Monitoring System with AI-Powered Disease Prediction	Radha Mahendran S.; Khan M.S.; Hari Priya M.P.; Obaid A.J.; Mohsen K.S.; Shareef A.M.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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319	2-s2.0-85198849082	Machine Learning-Assisted Protein Structure Prediction: An AI Approach for Biochemical Insights	Mahendran S.R.; Dogra A.; Mendhe D.; Babu S.B.G.T.; Dixit S.; Singh S.P.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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320	2-s2.0-85193933298	Metagenomics Analysis of Microbiota in Raw Chicken Stored at Different Temperature over Storage Time in Chennai	Siraj K.; Kaliyaperumal K.A.; Gururajan G.; Saravanan T.G.	Indian Journal of Microbiology	2024	Article
321	2-s2.0-85193635753	Fuzzy Membership Grasshopper Optimization Algorithm (FMGOA) Based Feature Selection and Mean Weight Deep Belief Network (MWDBN) Classifier with Fusion Approach for Android Malware Detection (AMD)	Rajan A.A.; Durga R.	Communications in Computer and Information Science	2024	Conference paper
322	2-s2.0-85193580944	A Novel Image Filtering and Enhancement Techniques for Detection of Cancer Blood Disorder	Sujarani P.; Yogeshwari M.	Communications in Computer and Information Science	2024	Conference paper
323	2-s2.0-85196316615	Effects of Tribology and Mechanical Properties on Silicon Carbide and Glass Fiber-Reinforced Hybrid Nanocomposites	Thirupathy M.; Vadivel M.	Engineering Proceedings	2024	Article

324	2-s2.0-85198851192	Deep Learning Algorithms with Adam Optimization for Detecting of Cyberbullying Comments	Dharani M.; Sathya S.	Nanotechnology Perceptions	2024	Article
325	2-s2.0-85193374885	An Approach for Avoiding Collisions with Obstacles in Order to Enable Autonomous Cars to Travel Through Both Static and Moving Environments	Sivadharshan T.; Kalaivani K.; Stepha N.G.; Jasmine R.R.; Gilda A.J.; Godfrey S.	Artificial Intelligence for Autonomous Vehicles	2024	Book chapter

326	2-s2.0-85198824414	Investigating How Green Supply Chain Practices Impact Environmental Performance Through IoT: A Secondary Data Analysis	Susithra S.; Vasantha S.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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327	2-s2.0-85196722203	Integrated Web Application (Snips2HLA-HsG) Development for Sample Preparation and Model Creation for HLA Allele Prediction with the SNP Data Using HIBAG Package of Bioconductor and R Programming	Sivaprakasam B.; Sadagopan P.	OBM Genetics	2024	Article
328	2-s2.0-85199047296	Performance Analysis of Insulation Resistance Test And Cable Laying Installation In Library Block	Rubini B.; Karthick R.; Kalaiarasi G.; Saranya S.; Kumar S.P.; Suganiya M.	Proceedings - 2024 IEEE 6th Global Power, Energy and Communication Conference, GPECOM 2024	2024	Conference paper

329	2-s2.0-85198851555	The Adoption of Green Supply Chain Practices using Artificial Intelligence (AI) for Smart Global Value Chain	Susithra S.; Vasanth S.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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330	2-s2.0-85196753148	Design of a PV Grid-Tied Zeta Converter with Modified ANFIS Controller	Kaliappan K.; Wisemin Lins A.; Madhana R.; Kavin K.S.; Subha Karuvelam P.; Ruban I.J.	2024 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2024	2024	Conference paper
331	2-s2.0-85196296085	Experimental Investigation on the Mechanical Properties of Jute Fiber and Silica Nano Particles Using Artificial Neural Network	Thirupathy M.; Vadivel M.	Engineering Proceedings	2024	Article

332	2-s2.0-85192204652	SECURE VERTEX EDGE DOMINATION OF GRAPHS	Sharmila C.R.; Meenakshi S.	Journal of the Balkan Tribological Association	2024	Article
333	2-s2.0-85197848609	Design of Miniaturized Dual Band-Pass Filter for ISM and Sub-6 GHz Spectrum by Employing Square Complementary Split Ring Resonator	Basha T.S.M.; Raaza A.; Bhujbal V.; Meena M.	Progress In Electromagnetics Research C	2024	Article

334	2-s2.0-85198834189	Secure and Resilient: An Integrated Methodology for Enhancing Electronic Health Record (EHR) Data Security and Privacy in Healthcare	Ginavane A.; Prasanna S.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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335	2-s2.0-85196651957	ENHANCING BRUX VALUE PREDICTION IN STRAWBERRIES USING MACHINE LEARNING: A FUSION OF PHYSIOCHEMICAL AND COLOR-BASED FEATURES FOR IMPROVED SWEETNESS ASSESSMENT	Junaina T.K.A.; Kumudham R.; Abishek B.E.; Shakir M.	Malaysian Journal of Computer Science	2024	Article
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336	2-s2.0-85194108904	Impact of Leadership Teamwork and Organizational Policies Towards Employee Engagement	Narmadha G.; Vinayagam K.	2024 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing, INCOS 2024 - Proceedings	2024	Conference paper
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337	2-s2.0-85198726198	Prediction of Cyber Attacks Utilizing Deep Learning Model using Network/Web Traffic Data	Kannan B.; Sakthivanitha M.; Jayashree S.; Maruthi R.	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024	2024	Conference paper
338	2-s2.0-85193617895	Enhancing Heart Disease Prediction Using Artificial Neural Network with Preprocessing Techniques	Mythili R.; Aneetha A.S.	Communications in Computer and Information Science	2024	Conference paper

339	2-s2.0-85197686864	Identification of an Efficient Machine Learning Algorithm for the Prediction of Customer Churn: A Case Analysis of a Business-to-Consumer (B2C) Dairy Company for Customer Retention Strategy	Faisal A.M.; Rajkiran V.; Singh K.S.; Elantheraiyan P.; Kamalakhannan S.K.	4th International Conference on Innovative Practices in Technology and Management 2024, ICIPTM 2024	2024	Conference paper
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340	2-s2.0-85196801187	Blockchain Security Using Q-Pragmatic-Sensitive Feature Analysis to Preserve Privacy	Punithavathi S.; Jeyalakshmi S.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper
341	2-s2.0-85193625260	DRL-CNN Technique for Diabetes Prediction	Usha Nandhini A.; Dharmarajan K.	Communications in Computer and Information Science	2024	Conference paper

342	2-s2.0-85196861542	Analysing the Quality and Management of Data in Big Data	Pratheesh R.; Divya V.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper
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343	2-s2.0-85198824263	AI-Enabled Predictive Maintenance for Industrial Equipment in the Era of IoT	Subbiah M.R.; Devi K.; Dhanamalar M.; Shareef A.M.; Ai-Shaikhli T.R.; Nidamanuri S.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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344	2-s2.0-85193622277	A Novel Method for Efficient Resource Management in Cloud Environment Using Improved Ant Colony Optimization	Yogeshwari M.; Sathya S.; Radhakrishnan S.; Padmini A.; Megala M.	Communications in Computer and Information Science	2024	Conference paper
345	2-s2.0-85196769465	Clinical Insight: Comparative Analysis of Deep Learning Models for Disease Prediction across Multifaceted Datasets	Binu S.K.; Shanthi C.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper

346	2-s2.0-85192475019	Computational Evaluation of Peanut Skin Bioactive Compounds for Cancer Treatment	Hari S.; Murugan A.; Sudharsan M.S.	Computational Approaches in Bioengineering: Volume 1: Computational Approaches in Biotechnology and Bioinformatics	2024	Book chapter
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347	2-s2.0-85195111571	A Comprehensive Review of Heart Disease Prediction using Cloud-Driven Machine Learning	Suresh R.; Dayana T.R.N.	2024 International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2024	2024	Conference paper
348	2-s2.0-85195833438	Synthesis, characterization, and antioxidant activity of Chrysanthemum indicum flower-mediated magnesium oxide nanoparticles	Periakaruppan R.; Chandrasekaran N.; Vijai Selvaraj K.S.; Thenmozhi M.; Das N.M.	Biomass Conversion and Biorefinery	2024	Article
349	2-s2.0-85193595172	A Novel Method for Predicting Kidney Disease using Optimized Multi-Layer Perceptron (PKD-OMLP) Classifier	Preethi I.; Dharmarajan K.	Communications in Computer and Information Science	2024	Conference paper

350	2-s2.0-85198563946	Monitoring Body Mass Index (BMI) Pre & Post Covid-19 Outbreak: A Comprehensive study in Healthcare	Ahire P.R.; Priya K.U.	2024 MIT Art, Design and Technology School of Computing International Conference, MITADTSoCiCon 2024	2024	Conference paper
351	2-s2.0-85193621371	Development of Secure Framework in Mobile Cloud Computing Using AES-HMAC Encryption Approach	Naveen P.V.; Poongodi A.	Communications in Computer and Information Science	2024	Conference paper

352	2-s2.0-85198499921	Analysis and Detection of Fake News Using Machine Learning	Sathish Kumar P.; Suthanthiradevi P.; Arul Stephen C.; Ebenezer Abishek B.; Sivakumar S.; Mathiyarasu M.	2024 3rd International Conference on Artificial Intelligence for Internet of Things, AIIoT 2024	2024	Conference paper
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353	2-s2.0-85193493002	A Secure Multi Factor Authentication Framework in Cloud Computing	Nandhini Sharphathy M.; Sumalatha V.	Proceedings - 2024 5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2024	2024	Conference paper
354	2-s2.0-85195468875	Analysis Of Neutrosophic Set, Julia Set In Aircraft Crash	Bharathi M.N.; Jayalalitha G.	Neutrosophic Sets and Systems	2024	Article

355	2-s2.0-85196707111	Evaluating the quality of website design aspects and its effect on functional perspectives using Smart-PLS in Web-based apparel shopping environment; [Evaluación de la calidad de los aspectos de diseño del sitio web y su efecto en las perspectivas funcionales mediante Smart-PLS en un entorno de compra de ropa a través de la web]	Krithika P.; Vasantha S.	Salud, Ciencia y Tecnología - Serie de Conferencias	2024	Article
356	2-s2.0-85197861890	Segmentation of Skin Lesion Image Using FCM with Color Transformation Saliency	Bavya S.; Saravana Kumar V.; Kavitha M.; Anantha SivaPrakasam S.	ICCDS 2024 - International Conference on Computing and Data Science	2024	Conference paper

357	2-s2.0-85195138522	Road Traffic Accident Prediction using Deep Learning	Girija M.; Divya V.	2024 International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2024	2024	Conference paper
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358	2-s2.0-85198823579	Secure IoT-Based Communication Protocols for Smart Cities	Devi K.; Jangirala S.; Hussien N.A.; Abbas J.K.; Naser S.J.; Vinayagam S.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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359	2-s2.0-85195693171	EFFECTS OF RADIATION AND HEAT GENERATION ON MHD AND PARABOLIC MOTION ON CASSON FLUIDS FLOW THROUGH A ROTATING POROUS MEDIUM IN A VERTICAL PLATE	Prakash J.; Selvaraj A.	Journal of Applied Mathematics and Informatics	2024	Article
360	2-s2.0-85198857361	An Analysis of Cyberbullying in Text Data using Deep Learning Algorithms	Dharani M.; Sathya S.	Communications on Applied Nonlinear Analysis	2024	Article

361	2-s2.0-85196716193	An Enhanced Architecture for Brain Tumor Segmentation with a Novel Hybrid NF-RCNN and Adam Optimizer	Lavanya N.; Nagasundaram S.	2024 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2024	2024	Conference paper
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362	2-s2.0-85197549175	E-Crutch: A Promising tool for Rehabilitative Patients	Arockia Dhivya A.J.; Hemalatha R.J.; Rubi J.	Proceedings of the 2024 10th International Conference on Biosignals, Images and Instrumentation, ICBSII 2024	2024	Conference paper
363	2-s2.0-85193566024	Entropy Binary Dragonfly Algorithm (EBDA) Based Feature Selection and Stacking Ensemble Model for Renewable Energy Demand (RED) Forecasting and Weather Prediction	Mohan L.; Durga R.	Communications in Computer and Information Science	2024	Conference paper

364	2-s2.0-85199073396	Next - Gen Driver Monitoring System	Murugan S.; Harish Krishnadas S.; Abiishek G.; Pradeep Kumar S.; Rubini B.	Proceedings - 2024 IEEE 6th Global Power, Energy and Communication Conference, GPECOM 2024	2024	Conference paper
365	2-s2.0-85193582131	Plant Disease Detection Automation Using Deep Neural Networks	Gajavalli J.; Jeyalakshmi S.	Communications in Computer and Information Science	2024	Conference paper

366	2-s2.0-85196817294	Test Case Optimization Technique for Web Applications	Manojkumar V.; Mahalakshmi R.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper
367	2-s2.0-85196378252	Polyphenols as Therapeutics in Respiratory Diseases: Moving from Preclinical Evidence to Potential Clinical Applications	Emran T.B.; Eva T.A.; Zehravi M.; Islam F.; Khan J.; Kareemulla S.; Arjun U.V.N.V.; Balakrishnan A.; Taru P.P.; Nainu F.; Salim E.; Rab S.O.; Nafady M.H.; Wilairatana P.; Park M.N.; Kim B.	International Journal of Biological Sciences	2024	Review

368	2-s2.0-85196712308	Therapeutic Potential of Resveratrol and Lignans in the Management of Tuberculosis	Jubilee R.; Komala M.; Patel S.	Cell Biochemistry and Biophysics	2024	Review
369	2-s2.0-85197891469	Detecting Learning Patterns and Student Engagement in Online Courses using Deep Learning	Subhashini V.; Rahamath Nisha A.; Radhalakshmi V.; Madhumita G.; Selvi K.; Sudharson K.	Proceedings of 2024 International Conference on Science, Technology, Engineering and Management, ICSTEM 2024	2024	Conference paper
370	2-s2.0-85196290580	Experimental Investigation on the Impact of Tungsten Carbide Reinforcement on the Mechanical Properties of Sisal-Fiber-Reinforced Composites	Thirupathy M.; Vadivel M.; Subbiah T.; Pathinettampadian G.	Engineering Proceedings	2024	Article

371	2-s2.0-85197547701	Application of Edge AI in Biomedicine	Bagade O.M.; Doke-Bagade P.E.; Wankhade K.S.	Edge Computational Intelligence for AI-Enabled IoT Systems	2024	Book chapter
372	2-s2.0-85196739057	Digitalization of human resource management and the significance of motivation in acquiring digital skills for employee retention; [La digitalización de la gestión de los recursos humanos y la importancia de la motivación en la adquisición de competencias digitales para la retención de los empleados]	Ebnezer; Rajini G.	Salud, Ciencia y Tecnologia - Serie de Conferencias	2024	Article
373	2-s2.0-85195645803	COMPUTATION OF TOTAL CHROMATIC NUMBER FOR CERTAIN CONVEX POLYTOPE GRAPHS	Punitha A.; Jayaraman G.	Journal of Applied Mathematics and Informatics	2024	Article

374	2-s2.0-85198376060	Synthesis Strategies of Doped QDs	Reddy K.T.K.; Venkata Badarinath A.; Gupta J.K.; Manikanta Y.; Priya N.S.; Vamseekrishna G.; Alex J.; Sahithi A.	Engineering Materials	2024	Book chapter
375	2-s2.0-85197944658	An In-Depth Analysis of Advanced Data Analytics for Accurate Assessment and Mitigation of Extreme Weather Events	Akana C.M.V.S.; Mishra N.; Kumar K.S.; Mhatre K.; Hemamalini U.; Nishant N.	Proceedings - 2024 1st International Conference on Innovative Sustainable Technologies for Energy, Mechatronics and Smart Systems, ISTEMS 2024	2024	Conference paper

376	2-s2.0-85194059779	Diverse Image Processing Techniques for Machine Learning Methods	Bhagya A.; Perumal S.	2024 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing, INCOS 2024 - Proceedings	2024	Conference paper
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377	2-s2.0-85198079438	Formability and Strength Enhancement of AA7075 Sheets by Cryorolling and Post-Treatment	Radha Krishnan B.; Sudarsan D.; Sanjeevi R.; Parthiban A.; Eswara Prasath N.; Arun Prasath K.	Journal of The Institution of Engineers (India): Series D	2024	Article
378	2-s2.0-85197567552	On Determining Shortest Path Problem under Pentagonal Neutrosophic Fuzzy Number	Sasikala D.; Santhi S.	Communications on Applied Nonlinear Analysis	2024	Article
379	2-s2.0-85192135199	Passive Islanding Detection and Load Shedding Techniques in Micro Grids: A Brief Review	Reddy S.V.R.; Premila T.R.; Reddy C.R.	Communications in Computer and Information Science	2024	Conference paper

380	2-s2.0-85198510472	Guardians of Truth: Exploring Techniques for Veracity Identification in social media during an Infodemic	Suthanthiradevi P.; Revathy G.; Sathish Kumar P.; Karthikeyan B.; Muthu L.V.	2024 3rd International Conference on Artificial Intelligence for Internet of Things, AIIoT 2024	2024	Conference paper
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381	2-s2.0-85195933743	Cost Effective Multifunctional Agri Robotrone Technology for Vegetable Plant Leaf Disease Identification and Prevention	Thirumurugan V.; Thirumal S.; Kumar N.; Manikandan A.	Proceedings of the 2024 10th International Conference on Communication and Signal Processing, ICCSP 2024	2024	Conference paper
382	2-s2.0-85193587507	Data Security Complications on Computing Technology in Mobile Cloud	Satishkumar A.; Vidhya A.	Communications in Computer and Information Science	2024	Conference paper

383	2-s2.0-85193613097	Cardio Vascular Disease Prediction Based on PCA-RelieFF Hybrid Feature Selection Method with SVM	Pushpalatha L.; Durga R.	Communications in Computer and Information Science	2024	Conference paper
384	2-s2.0-85196750087	Aromatic plants as potential resources to combat osteoarthritis	Maring M.; Balaji C.; Komala M.; Nandi S.; Latha S.; Balaji Raghavendran H.	Combinatorial Chemistry and High Throughput Screening	2024	Review
385	2-s2.0-85194045203	Experimental Investigation of the Mechanical and Tribological Properties of Jute Fiber Composites with Nano-Sized Al ₂ O ₃ Ceramic Particle Reinforcement	Thirupathy M.; Vadivel M.; Subbiah T.; Pathinettampadian G.	Engineering Proceedings	2024	Article

386	2-s2.0-85198825815	Accelerating Pharmaceutical Research and Development through AI-Driven Drug Discovery	Bhargavi V.S.; Dogra A.; Bhatt A.; Ghildiyal P.; Mahendran S.R.; Kaur R.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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387	2-s2.0-85196824190	Analysis of Lung Cells with a Novel Segmentation Methodology Using FCN and Deeplab V3	Ramya J.; Poongodi A.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper
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388	2-s2.0-85198744903	Quantum Machine Learning Techniques based on Nurturing Agri-Ontology Framework in Agricultural Science	Deepa R.; Jayalakshmi V.; Thilakavathy P.; Bennet Prabhu A.; Surendran R.	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024	2024	Conference paper
389	2-s2.0-85196662262	Influence of rice husk ash Si ₃ N ₄ ceramic on mechanical, wear and low cycle fatigue behavior of hybrid pineapple/basalt fiber reinforced polyester composite	Jesumanen J.; Chandrasekaran M.; Aurtherson P.B.	Biomass Conversion and Biorefinery	2024	Article

390	2-s2.0-85196728998	Effectiveness of hybrid workplace and its sustainable impact of determinants of organizational commitment among it companies; [Eficacia del puesto de trabajo híbrido y su impacto sostenible en los determinantes del compromiso organizativo de las empresas de TI]	Vidya Sri B.; Vasantha S.	Salud, Ciencia y Tecnología - Serie de Conferencias	2024	Article
391	2-s2.0-85198848891	Evaluation of Protocol-Centric IDS for the IoMT Leveraging ML Techniques	Udayakumar P.; Anandan R.	2024 IEEE 5th World AI IoT Congress, AIIoT 2024	2024	Conference paper
392	2-s2.0-85197944429	Predicting College Dropout Rates using Machine Learning: A Student Success Initiative	Karpagalakshmi P.; Dhanashree S.R.; Wahidh M.A.; Rajesh A.	ICCDS 2024 - International Conference on Computing and Data Science	2024	Conference paper

393	2-s2.0-85193590912	Integrated Optimization of Underwater Acoustic Ship-Radiated Noise Recognition Using Relative GMM-MAP-UBM Approach	Mamatha K.; Joshua Oyebo O.; Remy V A.M.; Kaliappan S.; Suganthi D.; Hemamalini U.	2024 3rd International Conference for Innovation in Technology, INOCON 2024	2024	Conference paper
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394	2-s2.0-85196785295	Feature Extraction to Evaluate the Quality of Data Using Machine Learning Technique	Pratheesh R.; Divya V.	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024	2024	Conference paper
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395	2-s2.0-85195114599	Automated Near-Duplicate Image Detection using Sparrow Search Algorithm with Deep Learning Model	Sundaram S.; Jayaraman S.; Somasundaram K.	2024 International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2024	2024	Conference paper
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396	2-s2.0-85198848094	Analysis of Bacillus Thuringiensis Bacteria Applying Multifractals	Pavithra S.; Jayalalitha G.	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	2024	Conference paper
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397	2-s2.0-85193621019	An Efficient CH Based Authentication and Authorization for Secure EHR Using DF-BCrypt and Hashed Access Structure	Prathima S.; Durga R.	Communications in Computer and Information Science	2024	Conference paper
398	2-s2.0-85192390744	Novel Approach to Blood Supply System Using Machine Learning and Blockchain Technology	Sweetline Priya E.; Priya R.	Lecture Notes in Electrical Engineering	2024	Conference paper
399	2-s2.0-85196036542	Detection of antisocial personality disorder using optimal multi-head attention based auto encoder	Rohini A.; Packialatha A.	Multimedia Tools and Applications	2024	Article

400	2-s2.0-85196258345	Investigating indispensable characteristics of Boehmeria nivea and Agave sisalana fiber-reinforced epoxy hybrid composites for particle board applications	Hariharan C.; parthiban A.; Thanikodi S.	International Journal of Advanced Manufacturing Technology	2024	Article
401	2-s2.0-85186880039	Characterization of Crude Oil Degrading Marine Bacterium Bacillus licheniformis	Srimathi M.; Suganthi M.; Sugitha S.; Ashok Kumar K.; Ramprasath C.; Abirami G.	Indian Journal of Microbiology	2024	Article
402	2-s2.0-85179654642	Synthesis and Characterization of Single Crystals of Creatininium Hydrochloride for Third-Order NLO Applications	Meera S.R.; Parthasarathy M.	Crystal Research and Technology	2024	Article

403	2-s2.0-85191226534	Energy Efficient Data Aggregation Protocol for Clustering in Wireless Sensor Networks	Grace Hannah J.; Nidhya M.S.; Azahad S.; Sambasiva Rao G.	Proceedings - 2024 5th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2024	2024	Conference paper
404	2-s2.0-85188454498	Auto metric graph neural network optimized with woodpecker mating algorithm for detecting network layer attacks in mobile ad hoc networks	Narayanan S.; Archana K.S.	Smart Science	2024	Article

405	2-s2.0-85191241921	The Role of Artificial Intelligence in Behavioural Safety and Strategy in Construction Industry	Sudharsan R.; Vinayagam K.	2024 2nd International Conference on Disruptive Technologies, ICDT 2024	2024	Conference paper
406	2-s2.0-85182452370	Analyzing Brain Damages in Children with Image Processing Using KNN and FCM Algorithms	Kayathri B.; Prasanna S.	SN Computer Science	2024	Article
407	2-s2.0-85191256471	AI-Powered Business Intelligence for Transforming Finance and Education	Ponnuviji N.P.; Murugan P.; Esakkiammal S.; Kumar S.; Vishal K.S.; Meenakshi S.	2024 2nd International Conference on Disruptive Technologies, ICDT 2024	2024	Conference paper

408	2-s2.0-85191838849	Antidiabetic Drug-loaded Solid Lipid Nanoparticle and Its Importance in Drug Delivery	Vijayakumar P.; Balaji P.	International Journal of Drug Delivery Technology	2024	Review
409	2-s2.0-85191238767	Enhancing Business Intelligence Through A Semi-Distributed Blockchain Framework for Predictive Analytics On Sales Growth	Mullaikodi C.; Jagannathan S.K.; Jayanthi N.; Singh R.; Tomar Y.; Jaison B.	2024 2nd International Conference on Disruptive Technologies, ICDDT 2024	2024	Conference paper

410	2-s2.0-85186443214	Miniature Multi Band Monopole Antenna for Fifth-Generation Wireless Networks	Rajakumar M.; Meena M.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article
411	2-s2.0-85182253337	The investigation on mechanical, thermal conductivity and water absorption characteristics of coir fiber-reinforced vinyl ester biocomposites	Prabhu P.; Chokkalingam V.; Arunkumar S.; Perumal P.	Biomass Conversion and Biorefinery	2024	Article

412	2-s2.0-85190549053	Performance Analysis of Deep Learning RBFNN Algorithm Based Bridge/Concrete Detection	Sabarish P.; Rosaline S.; Sivarajan S.; Permila T.R.; Sujatha G.; Sasikumar M.	2024 2nd International Conference on Computer, Communication and Control, IC4 2024	2024	Conference paper
413	2-s2.0-85182489264	Comparative Evaluation for Brain Tumor Detection Using Inception-V3 Architecture	Kavitha V.; Ulagapriya K.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article

414	2-s2.0-85191424356	Method Development and Validation for Assay and Related Substance of Imatinib Mesilate in Bulk and Tablet Dosage form using RP-HPLC	Kshatriya A.G.; Andal P.; Mhaske A.	International Journal of Pharmaceutical Quality Assurance	2024	Article
415	2-s2.0-85180504567	Preface	Goundar S.; Anandan R.	EAI/Springer Innovations in Communication and Computing	2024	Editorial
416	2-s2.0-85187528151	Effective Utilization of Bast Fiber in High Density Polyethylene Nanocomposite Enriched by Alumina Nanoparticle: Mechanical Performance Evaluation	Venkatesh R.; Angalaparameswari C.; Ammaiappan M.; Das A.D.; Arunkumar G.; Kamatchi R.M.; Kaliyaperumal G.	Journal of The Institution of Engineers (India): Series D	2024	Article

417	2-s2.0-85191479136	In-silico Molecular Docking Studies of Methyl Oxadiazole Hybrids Inhibiting Acetylcholinesterase for Alzheimer's Disease Treatment	Magesh M.; Gandhimathi R.	International Journal of Pharmaceutical Quality Assurance	2024	Article
418	2-s2.0-85183002438	Effect of rice husk ash silicon nitride on mechanical, wear, thermal conductivity, and flammability behavior of aluminized glass-kenaf fiber-reinforced polyester composite	Prakash N.R.; Gnanavel C.	Biomass Conversion and Biorefinery	2024	Article

419	2-s2.0-85190069615	Diabetes Prediction using Enhanced and Optimized DRL-CNN Approaches	Usha Nandhini A.; Dharmarajan K.; Sharma B.; Chowdhury S.; Ben Dhaou I.	21st International Learning and Technology Conference: Reality and Science Fiction in Education, L and T 2024	2024	Conference paper
420	2-s2.0-85183355705	A Review: Object Detection and Classification Using Side Scan Sonar Images via Deep Learning Techniques	Sivachandra K.; Kumudham R.	Studies in Computational Intelligence	2024	Book chapter

421	2-s2.0-85184460518	In vitro and in vivo Wound Healing Potential of Plant Commiphora caudata	Athilli L.; Balasubramaniam A.	Indian Journal of Pharmaceutical Education and Research	2024	Article
422	2-s2.0-85183439063	Study of Secure Data Transmission-Based Wavelets Using Steganography and Cryptography Techniques	Ravindra Reddy K.; Vijayalakshmi P.	Studies in Computational Intelligence	2024	Book chapter
423	2-s2.0-85188724527	Pseudomonas plecoglossicida Based Silver Nanoparticles: Characterization, Effect on Growth and Antioxidative Enzymes on Pisum sativum L.	Gopalakrishnan S.; Benson A.; Thirunavukkarasu S.; Joe M.M.; Dhanaraj S.	Agriculturae Conspectus Scientificus	2024	Article

424	2-s2.0-85189780645	Real-Time Object Detection on Edge Devices Using Mobile Neural Networks	Jose Reena K.; Nigam C.; Kirubasri G.; Jayachitra S.; Aeron A.; Suganthi D.	Proceedings of the 2nd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICITCEE 2024	2024	Conference paper
425	2-s2.0-85179720930	Leadership development through 360-degree multi-rater feedback— An experience sharing of need, approach, roll-out, and the impact	Das B.K.; Rajini G.	Environment and Social Psychology	2024	Article

426	2-s2.0-85190162673	A Framework for Medical Image Steganography with Modified LSB and Hamming Code	Ramapriya B.; Kalpana Y.	2024 4th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2024	2024	Conference paper
427	2-s2.0-85187903431	An Approach of Nano-SiC-Filled Epoxy Nanocomposite Tensile and Flexural Strength Enriched by the Addition of Sisal Fiber	Venkatesh R.; Dillikannan D.; Ilavarasan N.; Kamatchi R.M.; Das A.D.; Ammaiappan M.; Arunkumar G.; Kaliyaperumal G.	Journal of The Institution of Engineers (India): Series D	2024	Article

428	2-s2.0-85181668346	Various concentrations of yttrium oxide (Y ₂ O ₃) doping induce changes in structural, magnetic, optical, and photoluminescence properties of solid-state synthesized strontium titanate (SrTiO ₃) compounds for optoelectronic device applications	Anand D.; Ramachandran K.; Silambarasan M.; Gajendiran J.; Gnanam S.	Optical Materials	2024	Article
429	2-s2.0-85191258996	Robust Spectral Efficiency Maximization in 5G Networks Using Non-Linear Stochastic Precoding	Ponnaian G.; Jayanthi N.; Sarasu R.; Sajitha L.P.; Ramalakshmi R.; Manimegalai L.	2024 2nd International Conference on Disruptive Technologies, ICDDT 2024	2024	Conference paper

430	2-s2.0-85187702133	Juxtapose of System Performance for Food Calorie Estimation Using IoT and Web-based Indagation	Anusuya S.; Sharmila K.	Journal of Harbin Institute of Technology (New Series)	2024	Article
431	2-s2.0-85191879459	Analytical Review on Newly Approved Antidiabetic and Antihypertensive Drugs	Pravalika K.; Subhashini V.	International Journal of Drug Delivery Technology	2024	Review
432	2-s2.0-85185322577	Unleashing light's healing power: an overview of photobiomodulation for Alzheimer's treatment	Ramanishankar A.; Ankul Singh S.; Begum R.F.; Jayasankar N.; Nayeem A.; Prajapati B.G.; Nirenjen S.	Future Science OA	2024	Review

433	2-s2.0-85187893175	Selection of the best process for desalination under a Treesoft set environment using the multi-criteria decision-making method	Dhanalakshmi G.; Sandhiya S.; Smarandache F.	International Journal of Neutrosophic Science	2024	Article
434	2-s2.0-85191195937	A unique ADAGRAD optimized DCNN with RESNET-18 Architecture for Indoor Agriculture-Based Crop Yield	Radha D.; Prasanna S.	Proceedings - International Conference on Computing, Power, and Communication Technologies, IC2PCT 2024	2024	Conference paper

435	2-s2.0-85188422598	Synthesis and Functional Behavior of Sisal Fiber-Incorporated Epoxy Hybrid Nanocomposite Enriched by Nano-SiC	Venkatesh R.; Das A.D.; Kamatchi R.M.; Kaliyaperumal G.; Ajin M.; Shanmugam R.	Journal of The Institution of Engineers (India): Series D	2024	Article
436	2-s2.0-85185709644	Laboratory Performance Evaluation of Copper Slag in Semi-dense Bituminous Concrete	Sreejith C.; Jino R.; Athiappan K.	Lecture Notes in Civil Engineering	2024	Conference paper
437	2-s2.0-85191161679	ANTIHYPERTENSIVE EFFECT OF Rauvolfia serpentina FOR TREATING CARDIOVASCULAR DISEASE AND ANXIETY	Moyeenudin H.M.; Romauld S.I.; Sumitha A.; Sudha R.; Suresh A.R.; Padmanabhan S.; Senthilkumar J.; Kumar B.S.; Sundeep M.; Anand J.; Devi P.B.	Oxidation Communications	2024	Article

438	2-s2.0-85191926539	Big Data and Deep Learning-based Tourism Industry Sentiment Analysis Using Deep Spectral Recurrent Neural Network	Devi C.N.; Devi R.R.	Applying Artificial Intelligence in Cybersecurity Analytics and Cyber Threat Detection	2024	Book chapter
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439	2-s2.0-85191022452	Preprocessing and feature extraction of MRI Liver Tumour images using A novel multi-class identification (NMCI) framework	Bhagya A.; Perumal S.	ESIC 2024 - 4th International Conference on Emerging Systems and Intelligent Computing, Proceedings	2024	Conference paper
440	2-s2.0-85184717541	Sustainable Energy Solutions from Water Hyacinth Bioethanol Blends in Diesel Engines with Nano-Coated Pistons	Padmanabhan S.; Joel C.; Mahalingam S.; Senthil Kumar J.; Ganesan S.; Baskar S.	International Research Journal of Multidisciplinary Scope	2024	Article

441	2-s2.0-85185952137	Secure IoT based smart system for monitoring health care for ambulatory and fetal	Addanke S.; Anandan R.	Journal of Autonomous Intelligence	2024	Article
442	2-s2.0-85185678468	A novel deep learning and Internet of Things (IoT) enabled precision agricultural framework for crop yield production	Anusha D.J.; Anandan R.; Venkata Krishna P.	Journal of Autonomous Intelligence	2024	Article
443	2-s2.0-85191237689	Smart Education With Iot And Ai: Revolutionizing Learning In The Digital Age	Vijayalakshmi S.; Madhavi B.; Jayanthi N.; Bansode G.S.; Sharma N.; Shanthi K.G.	2024 2nd International Conference on Disruptive Technologies, ICDDT 2024	2024	Conference paper

444	2-s2.0-85191569770	Method Development and Validation for Estimation of Bedaquiline and in Tablet Dosage form by Hptlc and Rp-Hplc Study	Chandrudu J.; Gandhimathi R.	Biomedical and Pharmacology Journal	2024	Article
445	2-s2.0-85191684642	Performance Analysis of Two-Way Relay in Free Space Optics Systems	Ashok P.; Ravindaran F.; Soundara Rajan C.; Janaki N.; Chitra S.; Anandaram H.	2nd International Conference on Integrated Circuits and Communication Systems, ICICACS 2024	2024	Conference paper
446	2-s2.0-85185943244	Deep Learning-Based Traffic Accident Prediction: An Investigative Study for Enhanced Road Safety	Girija M.; Divya V.	EAI Endorsed Transactions on Internet of Things	2024	Article

447	2-s2.0-85178637612	Hybrid approach for virtual machine allocation in cloud computing	Booba B.; Joshphin Jasaline Anitha X.; Mohan C.; S J.	Sustainable Computing: Informatics and Systems	2024	Article
448	2-s2.0-85181473614	Energy Aware Routing Mechanism for Wireless Sensor Network using Enhanced Chemokine Operation for Optimal CH Selection	Sreelatha K.; Sreekala T.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article

449	2-s2.0-85188202843	Expedient Intrusion Detection System in MANET Using Robust Dragonfly-Optimized Enhanced Naive Bayes (RDO-ENB)	Sasikumar M.; Rohini K.	International Journal of Computer Networks and Applications	2024	Article
450	2-s2.0-85184458056	Development and Validation of a Bioanalytical Method to Determine Empagliflozin in Human Plasma Using UPLC-MS/MS	Sumithra M.; Andrew D.J.; Aanandhi M.V.	Indian Journal of Pharmaceutical Education and Research	2024	Article
451	2-s2.0-85188689699	ParKEzy—A Generic Streamlined Intellectual Parking System Using ALPR/ RFID	Umarani S.; Poornima V.; Monicka S.G.; Chinniah R.R.A.; Rajan S.K.	Lecture Notes in Networks and Systems	2024	Conference paper

452	2-s2.0-85191912892	Spectral Pattern Learning Approach-based Student Sentiment Analysis Using Dense-net Multi Perception Neural Network in E-learning Environment	Singh L.K.; Devi R.R.	Applying Artificial Intelligence in Cybersecurity Analytics and Cyber Threat Detection	2024	Book chapter
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453	2-s2.0-85190066082	A Novel Method to Predict Chronic Kidney Disease using Optimized Deep Learning Algorithm	Preethi I.; Dharmarajan K.; Sharma B.; Chowdhury S.; Dhaou I.B.	21st International Learning and Technology Conference: Reality and Science Fiction in Education, L and T 2024	2024	Conference paper
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454	2-s2.0-85190595046	Speed and Torque Optimization of Motor Drive Through Intelligent Control Approaches	Kantari H.; Vadivel M.; Jagadeesan P.; Nagalakshmi T.J.; Meenakshi B.; Velmurugan S.	2024 International Conference on Automation and Computation, AUTOCOM 2024	2024	Conference paper
455	2-s2.0-85189316396	Photovoltaic-Based Dual Output DC–DC Converter Using Gravitational Search Algorithm-Tuned PI and Sliding Mode Controllers	Rajamani M.P.E.; Murugappan M.; Prakash N.B.; Nair G.; Trabelsi M.	Arabian Journal for Science and Engineering	2024	Article

456	2-s2.0-85189618910	Hybrid optimized temporal convolutional networks with long short-term memory for heart disease prediction with deep features	Balamurugan M.; Meera D.S.	Computer Methods in Biomechanics and Biomedical Engineering	2024	Article
457	2-s2.0-85190500557	Smart Crutch: A Boon for Rehabilitative Patients	Dhivya A.J.A.; Hemalatha R.J.; Rubi J.	2024 2nd International Conference on Computer, Communication and Control, IC4 2024	2024	Conference paper

458	2-s2.0-85188630393	Efficient Indian sign language recognition and classification using enhanced machine learning approach	Soji E.S.; Kamalakkanan T.	International Journal of Critical Infrastructures	2024	Article
459	2-s2.0-85181661230	Secure Block Chain-Based Healthcare Sensitive Data Prediction Using Pragmatic Quasi-Identifiers in a Decentralized Cloud Environment	Punithavathi S.; Jeyalakshmi S.	SN Computer Science	2024	Article
460	2-s2.0-85181981665	A Systematic Review on Detection of Gastric Cancer in Endoscopic Imaging System in Artificial Intelligence Applications	Pooja K.; Kishore Kanna R.	Lecture Notes in Networks and Systems	2024	Conference paper
461	2-s2.0-85191743933	ANTIOXIDANT RICH, ISOLATION AND PARTIAL PURIFICATION OF ZEAXANTHIN FROM Brassica oleracea INDUCING IN BREAST CANCER CELL LINE	Rajakumari K.; Ivo Romauld S.; Simon T.; Gilbert Ross Rex K.; Balaji K.P.; Meenambiga S.S.; Vivek P.; Vijay Pradhap Singh M.	Oxidation Communications	2024	Article

462	2-s2.0-85190505555	FPGA Interfaced IoT System for Smart Medical Robot Monitoring System	Tharwin Kumar R.; Abinaya S.P.; Prakash D.; Janaki N.; Sivarajan S.; Mani P.	2024 2nd International Conference on Computer, Communication and Control, IC4 2024	2024	Conference paper
463	2-s2.0-85179226355	Detecting Device Sensors of Luxury Hotels using Blockchain-based Federated Learning to Increase Customer Satisfaction	Moyeenudin H.M.; Parvez S.J.; Jose Anand A.; Anandan R.; Goundar S.	Handbook on Federated Learning: Advances, Applications and Opportunities	2024	Book chapter

464	2-s2.0-85178386836	Strategies of Artificial intelligence tools in the domain of nanomedicine	Habeeb M.; You H.W.; Umapathi M.; Ravikumar K.K.; Hariyadi; Mishra S.	Journal of Drug Delivery Science and Technology	2024	Review
465	2-s2.0-85191261106	Deep Learning-Based Image Analysis to Track Vehicles	Prabakaran P.; Jayasudha R.; Sandhu M.; Gupta S.	2024 2nd International Conference on Disruptive Technologies, ICDDT 2024	2024	Conference paper
466	2-s2.0-85181915017	Security-Based Hook Curve Master Node Key Authentication (HC-MNKA) Using Shuffle Standard Padding Encryption Crypto Policy (S2PES)	Vijayalakshmi V.; Sharmila K.	SN Computer Science	2024	Article

467	2-s2.0-85191861399	Pulsatile Drug Delivery Systems: A Comprehensive Review	Ravali V.; Balaji P.	International Journal of Drug Delivery Technology	2024	Review
468	2-s2.0-85188461828	Significance of Hemp Fiber on Mechanical and Thermal Performance of Polypropylene Nanocomposite Developed by Compression Mould Technique	Venkatesh R.; Devanathan C.; Dillikannan D.; Akila P.; Kamatchi R.M.; Das A.D.; Karthikeyan N.; Kaliyaperumal G.	Journal of The Institution of Engineers (India): Series D	2024	Article
469	2-s2.0-85187114578	Potential bioactive compound and hub gene identification of endometrial carcinoma using systems biology	Rishikesan S.; Brindhadevi P.; K R.; Srinath N.; Balamugundhan M.	Journal of Biomolecular Structure and Dynamics	2024	Article
470	2-s2.0-85191692443	A secure authentication and collaborative data-sharing model based on a blockchain network in the cloud	Samuel B.; Ksaturi K.	Journal of Control and Decision	2024	Article

471	2-s2.0-85186438861	A Survey Integration of Wearable Device with Block Chain Technology in the Healthcare	Sathishkumar M.; Raghavendran V.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article
472	2-s2.0-85190808220	Thermal evaluation of aluminum welding: a comparative study of friction stir welding (FSW), plasma-fsw, and tungsten inert gas (TIG)-FSW techniques	Yaduwanshi D.K.; Rao C.R.M.; Naidu S.C.V.R.M.; Sakharwade S.G.; Sharma S.; Khalkar V.; Baskar S.; Kaliyaperumal G.	International Journal on Interactive Design and Manufacturing	2024	Article

473	2-s2.0-85189828627	Secure Multi-Party Computation for Collaborative Data Analysis in Network Security	Tamilselvi P.; Lathika V.; Jayachitra S.; Arunkumar S.; Balasubramani M.; Kalaichelvi V.	Proceedings of the 2nd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICITCEE 2024	2024	Conference paper
474	2-s2.0-85188712266	Feasibility and Insights into the Optimization and Characterization of Friction Welded Aluminum–Steel Dissimilar Joints	Raj S.H.K.; Boopathy G.; Vijayananth S.; Balaji G.; Ramanan N.	Advances in Science, Technology and Innovation	2024	Conference paper

475	2-s2.0-85185703755	An Efficient Approach of Heart Disease Diagnosis Using Modified Principal Component Analysis (M-PCA)	Lakshmi G.; Sujatha P.	Communications in Computer and Information Science	2024	Conference paper
476	2-s2.0-85191252083	Blockchain Innovations in Education: Empowering Students with Smart Contracts	Banu M.S.; Pandian A.S.; Madhavi B.; Sasikumar P.; Ks V.; Beevi L.S.	2024 2nd International Conference on Disruptive Technologies, ICDT 2024	2024	Conference paper

477	2-s2.0-85191225666	Early Prediction of Chronic Kidney Disease: A Comprehensive Survey	Jayaprabha M.S.; Vishwa Priya V.	Proceedings - 2024 5th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2024	2024	Conference paper
478	2-s2.0-85181500942	Explore Investment in Women's Insurance Policies Using Cluster Analysis	Jawaharrani K.; Lekshmi R.S.; Arasuraja G.; Vijayakanthan S.; Nirmala G.; Vasantha S.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article

479	2-s2.0-85189769327	Analysing various algorithms applied to Alzheimer's disease dataset to help the Future Generation	Athinarayanan S.; Navaz K.; Tamilselvi P.; Shajeena J.; Vishwa Priya V.; Joel M.R.	Proceedings of the 2nd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICITCEE 2024	2024	Conference paper
480	2-s2.0-85185136918	Resource allocation on periotity based schuduling and improve the security using DSSHA-256; [Asignación de recursos basada en la periodicidad y mejora de la seguridad mediante DSSHA-256]	Prathap Kumar K.; Rohini R.	Data and Metadata	2024	Article

481	2-s2.0-85191490738	Exploring the Anti-hyperlipidemic Potential of <i>Rivea hypocrateriformis</i> (Desr) Leaf Extracts: A Study on Triton-induced Hyperlipidemia Rat Model and Oxidative Stress	Sheeba D.A.H.; Gandhimathi R.	International Journal of Pharmaceutical Quality Assurance	2024	Article
482	2-s2.0-85179056249	Integrating cutting-edge technologies: AI, IoT, blockchain and nanotechnology for enhanced diagnosis and treatment of colorectal cancer - A review	Pandurangan P.; Rakshi A.D.; Arun Sundar M.S.; Samrat A.V.; Meenambiga S.S.; Vedanarayanan V.; Meena R.; Karthick Raja Namasivayam S.; Moovendhan M.	Journal of Drug Delivery Science and Technology	2024	Review
483	2-s2.0-85190852358	Evaluation of Bcr/cflA Targeted Efflux Inhibitory Potential of 2-Hydroxy-4-Methoxybenzaldehyde Against <i>Proteus mirabilis</i>	Ravindran D.; Rajaiah A.; Swasthika R.; Balu P.; Gopalakrishnan A.; Krishna Kumar A.K.; Muthusamy S.; Malayandi J.; Durairaj R.; Arumugam V.R.	Indian Journal of Microbiology	2024	Article

484	2-s2.0-85191248700	Decentralized Financial Stocks Prediction Using Deep Regression Learning	Ramachandran L.; Shanthana S.; Gokulakrishnan A.; Kumar S.; Vishal K.S.; Sahaana G.	2024 2nd International Conference on Disruptive Technologies, ICDT 2024	2024	Conference paper
485	2-s2.0-85191838620	Development and Evaluation of Riluzole Loaded PLGA Nanoparticles for Improved Permeability across BBB	Jayavasavi G.; Sukumaran S.K.	International Journal of Drug Delivery Technology	2024	Article
486	2-s2.0-85191748054	CHARACTERISATION OF PREPARED CEFIXIME AND METRONIDAZOLE WITH CHITOSAN NANOPARTICLE FOR PHARMACEUTICAL APPLICATION	Rajakumari K.; Rajamehala M.; Vijay Pradhap Singh M.; Ravishankar K.; Yazhini G.; Ivo Romauld S.; Meenambiga S.S.; Vivek P.	Oxidation Communications	2024	Article

487	2-s2.0-85180931981	Neutrosophic soft set matrix and their applications based on multi criteria decision-making problems	Krishnan P.; Sundar S.	Multidisciplinary Science Journal	2024	Conference paper
488	2-s2.0-85190496978	Interleaved Luo Converter for PV Based BLDC Vehicle System	Kumar R.T.; Sireesha G.; Sakthidhasan K.; Permila T.R.; Ramya R.; Subasini P.T.	2024 2nd International Conference on Computer, Communication and Control, IC4 2024	2024	Conference paper

489	2-s2.0-85191162170	Biometric Application on Facial Image Recognition Techniques	Ambikapathy A.; Beeta T.D.; Kanna R.K.; Danquah-Amoah A.; Ramya V.S.; Mutheeswaran U.	Proceedings - International Conference on Computing, Power, and Communication Technologies, IC2PCT 2024	2024	Conference paper
490	2-s2.0-85190898960	Ethnoveterinary Approaches for Recalcitrant Wound Treatment in Geriatric Farm Animals	Saravanan S.; Elamurugan A.; Anbarasu M.; Sumitra A.; Singh D.R.	Indian Veterinary Journal	2024	Article

491	2-s2.0-85189790377	Exploring Convolution Neural Networks for Image Classification in Medical Imaging	Vishwa Priya V.; Chattu P.; Sivasankari K.; Pisal D.T.; Renuka Sai B.; Suganthi D.	Proceedings of the 2nd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICITCEE 2024	2024	Conference paper
492	2-s2.0-85189550485	Analysis of Improving Sales Process Efficiency with Salesforce Industries CPQ in CRM	Pathak P.; Pal S.; Maity S.; Jeyalakshmi S.; Adhikari S.; Akila D.	Lecture Notes in Networks and Systems	2024	Conference paper

493	2-s2.0-85179726605	Fuzzy Logic Controlled Current-Mode Switch Mode Power Supply with Enhanced Steady State Response	Sasikala K.; Rajan V.R.; Ramesh M.V.; Jeyakumar J.; Muthukumar P.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article
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494	2-s2.0-85190135816	Advancements in Speech Recognition: Exploring Feature Extraction Techniques for Enhanced Accuracy and Human-Machine Communication	Bhavani R.; Kathirvelu K.	2024 4th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2024	2024	Conference paper
495	2-s2.0-85186890142	A Feature Extraction of Photovoltaic Solar Panel monitoring system based on Internet of Things (IoT)	Saranya J.; Divya V.	EAI Endorsed Transactions on Internet of Things	2024	Article

496	2-s2.0-85191762208	Examine the Incorporation of Integration of Imaging Data for Orthodontic Prediction	Ramyalakshmi A.; Poonguzhali S.	2024 International Conference on Emerging Smart Computing and Informatics, ESCI 2024	2024	Conference paper
497	2-s2.0-85181499123	Digital assets for digital natives: Exploring familiarity and preference for cryptocurrency among millennials and Gen Z	Lekshmi R.S.; Jawaharrani K.; Vijayakanthan S.; Nirmala G.; Dheenadayalan K.; Vasantha S.	Journal of Autonomous Intelligence	2024	Article
498	2-s2.0-85178580782	High-Performance Intelligent System for Real-Time Medical Image Using Deep Learning and Augmented Reality	Senthil G.A.; Prabha R.; Rajesh Kanna R.; Umadevi Venkat G.; Deepa R.	Lecture Notes in Networks and Systems	2024	Conference paper

499	2-s2.0-85191169759	A Hybrid Framework for Effective Intrusion Detection System in Wireless Networks	Priyalakshmi V.; Devi R.	Proceedings - International Conference on Computing, Power, and Communication Technologies, IC2PCT 2024	2024	Conference paper
500	2-s2.0-85181442836	Tomato Crop Yield Prediction in Indoor Environment with A Novel ABC Enhanced CNN with SDL Architecture	Radha M.D.; Prasanna S.	International Journal of Intelligent Systems and Applications in Engineering	2024	Article

501	2-s2.0-85171472246	An impact of sea sponge-derived hard carbon with the symbiosis of sodium ion battery and biomedical applications	Meenatchi T.; Subadevi R.; Kumar P.; Raghu S.; Liu W.-R.; Sivakumar M.	Journal of the Taiwan Institute of Chemical Engineers	2024	Article
502	2-s2.0-85174841221	Blockchain Networks for Cybersecurity Using Machine-Learning Algorithms	Moyeenudin H.M.; Bindu G.; Anandan R.	EAI/Springer Innovations in Communication and Computing	2024	Book chapter
503	2-s2.0-85159118892	Effects of Bioactive Compound, Ginsenoside Rb1 on Burn Wounds Healing in Diabetic Rats: Influencing M1 to M2 Phenotypic Trans	Venkatesan K.; Alghazwani Y.; Sivadasan D.; Prabahar K.; Asiri Y.I.; Mohamed J.M.M.; Vasudevan R.; Khan N.A.; Venkatesan K.; Paulsamy P.; Krishnaraju K.	Waste and Biomass Valorization	2024	Article

504	2-s2.0-85177171633	Microbial degradation of marine plastic debris: A comprehensive review on the environmental effects, disposal, and biodegradation	Shaji A.; Kamalesh R.; Dinakarkumar Y.; Saravanan A.; Arokiyaraj S.; Mani H.P.; Veera H.M.; Muthu D.B.; Ramakrishnan G.; Ivo Romauld S.	Biochemical Engineering Journal	2024	Article
505	2-s2.0-85176943063	Response surface design, modelling and analysis on pyrolysis of waste high-density polyethylene (HDPE)	Manickavelan K.; Sivaganesan S.; Kulkarni M.V.; Sivamani S.	Journal of Material Cycles and Waste Management	2024	Article
506	2-s2.0-85174852955	Medical Image Encryption Using Hybrid Adaptive Elliptic Curve Cryptography and Logistic Map-based DNA Sequence in IoT Environment	Hanchate R.; Anandan R.	IETE Journal of Research	2024	Article
507	2-s2.0-85177418722	A Wholistic Approach to Non-Pharmacological Intervention for Primary Dysmenorrhea	Wal P.; Gupta D.; Wal A.; Pandey S.S.; Krishnan K.	Current Women's Health Reviews	2024	Short survey

508	2-s2.0-85162625719	Copper transporter protein (MctB) as a therapeutic target to elicit antimycobacterial activity against tuberculosis	Dwivedi M.; Jose S.; Gupta M.; Devi S.S.; Raj R.; Kumar D.	Journal of Biomolecular Structure and Dynamics	2024	Article
509	2-s2.0-85177029320	A Comparative Analysis of Real-Time Sign Language Recognition Methods for Training Surgical Robots	Rubi J.; Hemalatha R.J.; Infant Francis Geo I.; Marutha Santhosh T.; Josephin Arockia Dhivya A.	Smart Innovation, Systems and Technologies	2024	Conference paper
510	2-s2.0-85174179390	Investigation of alloy materials on a sports bike wheel rim designs using finite element analysis	Padmanabhan S.; Boopathi B.; Kumar K.M.; Deepak J.R.; Kumar T.V.; Baskar S.	Multidisciplinary Science Journal	2024	Article

511	2-s2.0-85173995187	Investigation on electrical and electrochemical behaviour of cellulose acetate: Ammonium iodide: Silica composite biopolymer electrolyte for proton exchange membrane (PEM) fuel cell performance	Monisha S.; Gajendiran J.; Boopathi G.; Selvalakshmi S.; Gnanam S.; Gokul Raj S.; Ramesh Kumar G.; Karuppasamy Vikraman V.	Materials Letters	2024	Article
512	2-s2.0-85174807812	Certificate Authentication System Using Blockchain	Sekar M.; Rajesh A.; Thirumal S.; Anandan R.	EAI/Springer Innovations in Communication and Computing	2024	Book chapter
513	2-s2.0-85177053413	Slime Mould Algorithm (SMA) and Adaptive Neuro-Fuzzy Inference (ANFIS)-Based Energy Management of FCHEV Under Uncertainty	Sridharan S.; Shanmugasundaram N.; Anna Devi E.; Vasan Prabhu V.; Velmurugan P.	IETE Journal of Research	2024	Article

514	2-s2.0-85175083450	CALOPHYLLUM INOPHYLLUM (PUNNAI SEED OIL) DERIVED BIOFUEL BLENDS: THERMAL PERFORMANCE AND ENGINE EMISSIONS	Kasinathan N.S.; Suyamburajan V.; Veerasundaram J.; Kumarsamy S.	International Journal of Energy for a Clean Environment	2024	Article
515	2-s2.0-85174853115	Blockchain of Cryptocurrency Using a Proof-of-Work-Based Consensus Algorithm with an SHA-256 Hash Algorithm to Make Secure Payments	Bindu G.; Moyeenudin H.M.; Anandan R.	EAI/Springer Innovations in Communication and Computing	2024	Book chapter
516	2-s2.0-85174836705	Blockchain-Based Infrastructure for Precision Agriculture	Packialatha A.; Vijitha S.; Sangeetha A.; Seetha Lakshmi K.	EAI/Springer Innovations in Communication and Computing	2024	Book chapter

517	2-s2.0-85173783036	Children and Adolescents with Irritable Bowel Syndrome: Treatment and Management	Wal A.; Wal P.; Verma N.; Pandey S.S.; Krishnan K.; Bhowmick M.	Current Pediatric Reviews	2024	Review
518	2-s2.0-85174802200	Blockchain-Based Organ Donation and Transplant Matching System	Sajwan A.; Das S.; Phamila A.V.; Kathirvelu K.	EAI/Springer Innovations in Communication and Computing	2024	Book chapter
519	2-s2.0-85173786449	Synthesis and spectroscopic investigation of N-allyl-N-ethylformamide: computational aspects of DFT, molecular docking and drug-likeness analyses	Lawrence M.; Rajesh P.; Vimala M.; Girija R.; Sahaya Jude Dhas S.	Molecular Physics	2024	Article
520	WOS:001302325000001	Gender and age classification using ASMNet based facial fiducial detection and Jordan neural network	Meenakshi, J; Thailambal, G	Progress in artificial intelligence	2024	Article; Early Access

521	WOS:001283828700142	Web Based Cyber Attack Detection for Industrial System (PLC) Using Deep Learning	Yasir, A; Kathirvelu, K; Arif, MK	2024 international conference on advances in computing, communication and applied informatics, accai 2024	2024	Proceedings Paper
522	WOS:001259828700008	COMPUTATION OF TOTAL CHROMATIC NUMBER FOR CERTAIN CONVEX POLYTOPE GRAPHS	Punitha, A; Jayaraman, G	Journal of applied mathematics & informatics	2024	Article

523	WOS:001309457600031	RETRACTION: Detecting distributed denial of service (DDoS) in SD-IoT environment with enhanced firefly algorithm and convolution neural network	Sivanesan, N; Archana, KS	Optical and quantum electronics	2024	Retraction
524	WOS:001240214300002	Consequences of online class during COVID-19 with female schoolteachers' work-life balance	Rani, TJ; Priya, VK	International journal of knowledge and learning	2024	Article
525	WOS:001298558300001	Investigation of Cytotoxicity and Lipid-lowering Effects of Rivea hypocrateriformis Desr. Leaf Extracts on HepG2 Cells: An In Vitro Study	Bai, HSDA; Rethnaswamy, G	Pharmacognosy magazine	2024	Article; Early Access
526	WOS:001292364000002	Hybrid Optimization Enabled Deep-Learning for Prostate Cancer Detection	Reddy, SK; Kathirvelu, K	Sensing and imaging	2024	Article
527	WOS:001260940500011	Effect of Office Automation on Enhancing Quality of Life of Employees in IT/Printing Industry	Bharanitharan, M; Madhumita, G	Quality-access to success	2024	Article

528	WOS:001198412900001	Hybrid optimized temporal convolutional networks with long short-term memory for heart disease prediction with deep features	Balamurugan, M; Meera, S	Computer methods in biomechanics and biomedical engineering	2024	Article; Early Access
529	WOS:001283828700017	Driver Health Monitoring System to Identify Cardiac Problems in Drivers using Live ECG Signal	Arif, MK; Kathirvelu, K; Yasir, A	2024 international conference on advances in computing, communication and applied informatics, accai 2024	2024	Proceedings Paper

530	WOS:001181764000001	Potential bioactive compound and hub gene identification of endometrial carcinoma using systems biology	Rishikesan, S; Brindhadevi, P; Rajakumari, K; Srinath, N; Balamugundhan, M	Journal of biomolecular structure & dynamics	2024	Article; Early Access
531	WOS:001283828700006	A gradient and double threshold-based algorithm for improved wideband spectrum sensing	Monisha, M; Vijayalakshmi, P; Gokulakkannan, S; Ajayraman, M	2024 international conference on advances in computing, communication and applied informatics, accai 2024	2024	Proceedings Paper

532	WOS:001209114500001	A secure authentication and collaborative data-sharing model based on a blockchain network in the cloud	Samuel, B; Ksatari, K	Journal of control and decision	2024	Article; Early Access
533	WOS:001259828700010	EFFECTS OF RADIATION AND HEAT GENERATION ON MHD AND PARABOLIC MOTION ON CASSON FLUIDS FLOW THROUGH A ROTATING POROUS MEDIUM IN A VERTICAL PLATE	Prakash, J; Selvaraj, A	Journal of applied mathematics & informatics	2024	Article
534	WOS:001187137700003	Efficient Indian sign language recognition and classification using enhanced machine learning approach	Soji, ES; Kamalakannan, T	International journal of critical infrastructures	2024	Article
535	WOS:001260611200001	Hierarchical NiCo ₂ O ₄ needle-like heterostructure arrays anchored on WO ₃ as high-performance asymmetric supercapacitors for energy storage applications	Siveswari, A; Gowthami,	Chemical physics impact	2024	Article

536	WOS:001222931500016	TOTAL COLORING OF MIDDLE GRAPH OF CERTAIN SNAKE GRAPH FAMILIES	Punitha, A; Jayaraman, G	Journal of applied mathematics & informatics	2024	Article
537	WOS:001283828700219	Ensuring Access Control Reliability and Security of Lightweight Blockchain-Based IOT Cloud-Based Electronic Medical Records Sharing	Sujitha, SJ; Selvi, PT	2024 international conference on advances in computing, communication and applied informatics, accai 2024	2024	Proceedings Paper

538	WOS:001283828700267	Efficient Dengue Spread Prediction Using Machine Learning Models with Various Pre-processing Techniques	Saraswathi, K; Rohini, K	2024 international conference on advances in computing, communication and applied informatics, accai 2024	2024	Proceedings Paper
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539	WOS:001283828700250	Enhancing Arrhythmia Disease Classification Using MLP with Whale Optimization Approach	Mythili, R; Aneetha, AS	2024 international conference on advances in computing, communication and applied informatics, accai 2024	2024	Proceedings Paper
540	WOS:001289328300005	Experimental Evaluation of Spectrum Handoff Management with Machine Learning Algorithms Using Software Defined Radio	Babjan, P; Rajendran, V	Wireless personal communications	2024	Article

541	WOS:001283828700091	Improved Gaussian Grasshopper Optimization Algorithm (IGGOA) and Deep Belief Network (DBN) For Fetal Health Classification	Jansi, B; Sumalatha, V	2024 international conference on advances in computing, communication and applied informatics, accai 2024	2024	Proceedings Paper
542	WOS:001190847400001	IBSHC: Improved BIRCH-based segmentation and hybrid classification model for Mango Disease Detection	Lavanya, K; Packialatha, A	Journal of phytopathology	2024	Article

543	WOS:001178408700001	DDoS attack detection in cloud using ensemble model tuned with optimal hyperparameter	Reddy, KB; Meera, S	International journal of adaptive control and signal processing	2024	Article
544	WOS:001283828700238	A comparative stratification of Automated Indagation on Apple Disease Using DeepSpectral Generative Adversarial and Densenet Convolutional Neural Network	Subha, V; Kasturi, K	2024 international conference on advances in computing, communication and applied informatics, accai 2024	2024	Proceedings Paper

545	WOS:001274925900105	Analytical method development and validation of residual solvents in ethosuximide by GC-headspace technique	Patan, A; Poojah, A	Annals of phytomedicine-an international journal	2024	Article
546	WOS:001308071300001	Phytosynthesis of copper nanoparticles using curcuma aromatica and its application in medical fabrics for antibacterial activity	Janakiraman, V; Reethiga; Sampathkumar, B; Prakash, NKU	Journal of plant biochemistry and biotechnology	2024	Article; Early Access
547	WOS:001221759500030	Niosomes: Best Approach for Novel Drug Delivery and Future Aspects	Aruna, M; Gandhimathi, R	Asian journal of pharmaceutics	2024	Article
548	WOS:001274925900049	Analytical and spectrophotometric study of calcium channel blocker with green solvents using UV-spectrophotometer: A comprehensive review	Vigneshwaran, G; Velayutham, S; Avinash, B; Archana, M	Annals of phytomedicine-an international journal	2024	Review

549	WOS:001202122600028	In vitro and in vivo Wound Healing Potential of Plant Commiphora caudata	Athilli, L; Balasubramaniam, A	Indian journal of pharmaceutical education and research	2024	Article
550	WOS:001274925900106	An RP-HPLC method development and validation of organic impurities in isotretinoin	Gandhimathi, R; Harishini, S	Annals of phytomedicine-an international journal	2024	Article
551	WOS:001274925900107	Analytical method validation for related substance of acetaminophen soft gelatin capsules by HPLC chromatography study	Gandhimathi, R; Kajhareshvarmaa, CMR	Annals of phytomedicine-an international journal	2024	Article

552	WOS:001274925900046	An overview: Analytical method development and validation of citicoline and nimodipine	Sudha, T; Kumar, VSA; Amsavalli, J; Bharath, R	Annals of phytomedicine-an international journal	2024	Article
553	WOS:001289556400021	Enhancing Dynamic Balance and Postural Stability in Stroke Patients: The Impact of Immersive Virtual Reality Training	Victor, BA; Arunachalam, R; Angel, IS; Kumar, G	Cureus journal of medical science	2024	Article
554	WOS:001274925900073	Analytical method development and validation of Artemether by RP-HPLC	Sumithra, M; Surya, S	Annals of phytomedicine-an international journal	2024	Article
555	WOS:001177471800001	Characterization of Crude Oil Degrading Marine Bacterium Bacillus licheniformis	Srimathi, M; Suganthi, M; Sugitha, S; Kumar, KA; Ramprasath, C; Abirami, G	Indian journal of microbiology	2024	Article; Early Access

556	WOS:001296247100001	A Novel Blockchain-Based Privacy-Preserved Data Sharing Using Deep Maxout Network in Federated Learning	Suganthi, S; Kala, TS	International journal of computational intelligence and applications	2024	Article; Early Access
557	WOS:001274925900064	In vitro antioxidant and antidiabetic activity in leaf extracts of <i>Syzygium zeylanicum</i> (L.) DC.	Nair, GA; Maheshwari, P	Annals of phytomedicine-an international journal	2024	Article
558	WOS:001274925900054	In vitro anticancer activity of root bark of <i>Mallotus philippensis</i> (Lam.) Muell. Arg. on cervical cancer cell line	Velraj, M; Patan, A; Vijayalakshmi, A; Sundar, S; Aruna, M	Annals of phytomedicine-an international journal	2024	Article

559	WOS:001190269300001	Membraneless ethanol fuel cell Pt-Sn-Re nano active catalyst on a mesoporous carbon support	Priya, M; Muthukumar, B	Rsc advances	2024	Article
560	WOS:001274925900038	A review of analytical method development and validation of labetalol hydrochloride	Sudha, T; Sumithra, M; Ajith, U	Annals of phytomedicine-an international journal	2024	Review
561	WOS:001274925900052	Antioxidant and anticancer activity in leaf extracts of <i>Elaeocarpus serratus</i> (L.)	Faseela, VA; Maheshwari, P	Annals of phytomedicine-an international journal	2024	Article
562	WOS:001274925900030	Benzotriazole: An overview of its versatile biological behaviour	Indhumathy, P; Padmapriya, P; Soundar, C; Mathiyalagan, G	Annals of phytomedicine-an international journal	2024	Review

563	WOS:001290036100001	Stability Indicating and Green Solvent-Assisted Chromatographic Analysis of an Antiviral Drug	Archana, K; Sumithra, M	Chromatographia	2024	Article; Early Access
564	WOS:001196475300001	Understanding the Electrochemical Performance of Spongy C-F Derivative Chains as an Effective Anion Trapping Composite Matrix for Li-Ion Batteries	Saminathan, A; Amudhasagar, D; Elumalai, S; Joseph, PL; Subashchandrabose, R; Krishnasamy, S	Acs sustainable chemistry & engineering	2024	Article
565	WOS:001265212200001	Clopidogrel Loaded Albumin Nanoparticles for the Management of Atherosclerosis: Preparation and Optimization by Box-Behnken Design	Archana, MR; Rathore, SS; Umadevi, S; Jenita, JLL	Advances in pharmacology and pharmacy	2024	Article
566	WOS:001274925900136	Formulation and evaluation of polyherbal cookies for immunity booster	Jayakumari, S; Vijayalakshmi, A; Velraj, M; Shyamsundar, D; Sharmila, E; Sakthipriya, R; Suriyaprakash, K; Musharaf, SS	Annals of phytomedicine-an international journal	2024	Article

567	WOS:001295555400010	Efficacy of a Four-Week Diagonal Pattern Exercise Program on Trunk and Lower Limb Function in Patients With Stroke-Induced Hemiplegia	Victor, BA; Arunachalam, R; Angel, IS; Kumar, BG	Cureus journal of medical science	2024	Article
568	WOS:001220452200001	Image enhancement and blur pixel identification with optimization-enabled deep learning for image restoration	Premnath, SP; Gowr, PS; Ananth, JP; Arumugam, SR	Signal image and video processing	2024	Article
569	WOS:001202122600035	Development and Validation of a Bioanalytical Method to Determine Empagliflozin in Human Plasma Using UPLC-MS/MS	Sumithra, M; Andrew, DJ; Aanandhi, MV	Indian journal of pharmaceutical education and research	2024	Article
570	WOS:001274925900112	Molecular docking studies of some natural phytochemical constituents as acetylcholinesterase and butyrylcholinesterase inhibitors	Velraj, M; Patan, A; Shanmugasundaram, P; Jayakumari, S; Vijayalakshmi, A; Sundar, S	Annals of phytomedicine-an international journal	2024	Article

571	WOS:001150392200001	Effect of rice husk ash silicon nitride on mechanical, wear, thermal conductivity, and flammability behavior of aluminized glass-kenaf fiber-reinforced polyester composite	Prakash, NR; Gnanavel, C	Biomass conversion and biorefinery	2024	Article; Early Access
572	WOS:001268516300010	Next - Gen Driver Monitoring System	Murugan, S; Krishnadas, SH; Abiishek, G; Kumar, SP; Rubini, B	Proceedings 2024 iee 6th global power, energy and communication conference, iee gpecom 2024	2024	Proceedings Paper

573	WOS:001283828700217	Interactive Sign Language Learning System Using Computer Vision and Deep Learning	Murugan, S; Ali, MK; Singari, D; Kumar, SP	2024 international conference on advances in computing, communication and applied informatics, accai 2024	2024	Proceedings Paper
574	WOS:001136643200001	A Review on Exploring the Phytochemical and Pharmacological Significance of Indigofera astragalina	Rajani, V; Umadevi, S; Raju, CN	Pharmacognosy magazine	2024	Review
575	WOS:001238985200002	Arbuscular Mycorrhizal inoculants and its regulatory landscape	Ghorui, M; Chowdhury, S; Balu, P; Burla, S	Heliyon	2024	Review

576	WOS:001274925900047	Metabolic profiling of plant constituents through LC-MS	Kotta, LR; Vijayalakshmi, A	Annals of phytomedicine-an international journal	2024	Review
577	WOS:001222628400029	Comparing Pilates and Gym Ball Exercises for Primary Dysmenorrhea Management: An Empirical Study	Krithika, VS; Sudhakar, S; Kumar, MG; Ramachandran, S; Deepthi, RN; Selvam, SP	Cureus journal of medical science	2024	Article
578	WOS:001230127700001	Metagenomics Analysis of Microbiota in Raw Chicken Stored at Different Temperature over Storage Time in Chennai	Siraj, K; Kaliyaperumal, KA; Gururajan, G; Saravanan, TG	Indian journal of microbiology	2024	Article; Early Access
579	WOS:001177464000001	Sulfur-encapsulated carbon templet as a structured cathode material for secondary sodium-sulfur battery	Janshirani, PJ; Rengapillai, S; Elumalai, S; Subashchandrabose, R; Marimuthu, S	Ionics	2024	Article
580	WOS:001156049400012	Performance Evaluation of No-Code Artificial Intelligence Models for the Detection of Acid-Fast Bacilli: A Comparative Analysis of Three Models	Arya, Y; Konduru, AR	Cureus journal of medical science	2024	Article

581	WOS:001250232200001	ENHANCING BRIX VALUE PREDICTION IN STRAWBERRIES USING MACHINE LEARNING: A FUSION OF PHYSIOCHEMICAL AND COLOR-BASED FEATURES FOR IMPROVED SWEETNESS ASSESSMENT	Junaina, TKA; Kumudham, R; Abishek, BE; Shakir, M	Malaysian journal of computer science	2024	Article
582	WOS:001238567300001	Investigating antioxidant, anti-obesity, and anticancer potential in raw and processed flour extracts of barnyard millets	Kumaraguru, G; Ramalingam, A; Shanmugam, G; Kumar, AKK; Muthusamy, S; Malaiyandi, J	Journal of food measurement and characterization	2024	Article
583	WOS:001274925900022	A review of the development of analytical methods by RP-HPLC for vitamin D 3	Archana, M; Sumithra, M; Shah, NS	Annals of phytomedicine-an international journal	2024	Review

584	WOS:001162773800008	Application of Machine Learning Techniques on Multivariate Ocean Parameters	Sivasankari, M; Anandan, R; Rajesh, G	Journal of scientific & industrial research	2024	Article
585	WOS:001264459000034	Integrating Chicken Swarm Optimization with Deep Learning for Microarray Gene Expression Classification	Gowri, BS; Kumar, KPS; Nair, SAH; Kamalakkannan, S	2024 7th international conference on devices, circuits and systems, icdcs 2024	2024	Proceedings Paper
586	WOS:001058615600011	A Wholistic Approach to Non-Pharmacological Intervention for Primary Dysmenorrhea	Wal, P; Gupta, D; Wal, A; Pandey, SS; Krishnan, K	Current womens health reviews	2024	Review
587	WOS:001155441000002	Synthesis, Growth, Photoluminescence, Thermal, and Third-Order Nonlinear Optical Properties of Glycine Methyl Ester Hydrochloride Single Crystal for Opto-Electronic Applications	Mahalakshmi, N; Meeraa, SR; Vinitha, G; Parthasarathy, M	Brazilian journal of physics	2024	Article

588	WOS:001274925900031	A review on advancement and usage of microneedle mediated drug delivery over years	Komala, M; Patan, A; Ahamed, AS	Annals of phytomedicine-an international journal	2024	Review
589	WOS:001227156800013	Properties of different graded coir pith by Keen-Raczkowski box and Brunauer-Emmett-Teller analysis	Anbarasu, M; Gurusamy, A; Saravanan, S	Journal of environmental biology	2024	Article
590	WOS:001267722800003	DEVELOPMENT AND VALIDATION OF A NOVEL HPLC METHODFOR THE SIMULTANEOUS DETERMINATION OF PREGABALINAND ETORICOXIB IN BULK AND PHARMACEUTICAL DOSAGE FORM	Gandhimathi, R; Mandava, A; Kalyani, KN; Indhumathy, P; Kommineni, V	Pharmaceutical chemistry journal	2024	Article

591	WOS:001274925900050	Herbal excipients from agro waste: A review	Vijayalakshmi, A; Sanjeet, MH; Sanjay, R; Roshini, M; Jayakumari, S; Joyce, JS	Annals of phytomedicine-an international journal	2024	Review
592	WOS:001252334100001	Influence of rice husk ash Si ₃ N ₄ ceramic on mechanical, wear and low cycle fatigue behavior of hybrid pineapple/basalt fiber reinforced polyester composite	Jesumanen, J; Chandrasekaran, M; Aurtherson, PB	Biomass conversion and biorefinery	2024	Article; Early Access
593	WOS:001164522300001	Removal of hexavalent chromium from electroplating wastewater by ion-exchange in presence of Ni(II) and Zn(II) ions	Thiripelu, P; Manjunathan, J; Revathi, M; Ramasamy, P	Journal of water process engineering	2024	Article
594	WOS:001287612900001	Mukia maderaspatana (L.) M. Roem. phytoconstituents: Unveiling their anticancer potentials against hepatocellular carcinoma cells	Kumar, SV; Shobana, C; Rohini, D; Manjunathan, J; Ramasubburayan, R; Thirumalaivasan, N; Prakash, S; Usharani, B	South african journal of botany	2024	Article

595	WOS:001209776200001	Biological evaluation of ruthenium(II) complexes appended curcumin derivatives: Synthesis, spectral characterization, anti-oxidant and anti-cancer studies	Saran, P; Vishnu, D; Parveen, S; Kosiha, A; Dharani, S; Kalaiarasi, G	Inorganica chimica acta	2024	Article
596	WOS:001206249700002	Evaluation of Bcr/cflA Targeted Efflux Inhibitory Potential of 2-Hydroxy-4-Methoxybenzaldehyde Against Proteus mirabilis	Ravindran, D; Rajaiah, A; Swasthika, R; Balu, P; Gopalakrishnan, A; Kumar, AKK; Muthusamy, S; Malayandi, J; Durairaj, R; Arumugam, VR	Indian journal of microbiology	2024	Article; Early Access
597	WOS:001251286400003	Synthesis, characterization, and antioxidant activity of Chrysanthemum indicum flower-mediated magnesium oxide nanoparticles	Periakaruppan, R; Chandrasekaran, N; Selvaraj, KSV; Thenmozhi, M; Das, NM	Biomass conversion and biorefinery	2024	Article; Early Access
598	WOS:001294947900002	Investigation of Quartz-Rich Granite Dust Particle-Reinforced Aluminized Glass-Kenaf Fiber-Reinforced Polyester Composite: Load Bearing, Water absorption and Flame Properties	Prakash, NR; Gnanavel, C	Fibers and polymers	2024	Article; Early Access

599	WOS:001253066500002	Therapeutic Potential of Resveratrol and Lignans in the Management of Tuberculosis	Jubilee, R; Komala, M; Patel, S	Cell biochemistry and biophysics	2024	Review; Early Access
600	WOS:001230766100008	Aromatic Plants as Potential Resources to Combat Osteoarthritis	Maring, M; Balaji, C; Komala, M; Nandi, S; Latha, S; Raghavendran, HB	Combinatorial chemistry & high throughput screening	2024	Review
601	WOS:001274925900027	A review of the diverse pharmacological importance of <i>Tinospora cordifolia</i> Miers	Patan, A; Cheriyan, BV; Abirami, S; Anusree, R; Madhumita, AN	Annals of phytomedicine-an international journal	2024	Review
602	WOS:001168929900001	Advances in implant for surface modification to enhance the interfacial bonding of shape memory alloy wires in composite resins	Gopalakrishnan, T; Venkatesan, R; Chandrasekaran, M; Deepa, S; Kim, SC	Progress in organic coatings	2024	Review
603	WOS:001276748900001	Airborne Culturable Fungi in the Indoor and Outdoor	Shankar, SN; Srinivasan, B; Kannaian, UPN	Atmosphere	2024	Article

		Environments of Shrines in Chennai, India				
604	WOS:001204679700001	Hybrid Multipath Routing Cluster head prediction based on SDN-enabled IoT and Heterogeneous context-aware graph convolution network	Prabha, R; Senthil, GA; Bharathi, GP; Sridevi, S	Peer-to-peer networking and applications	2024	Article
605	WOS:001218773200039	In Vitro Wound Healing and Anticancer Effects of Ixora coccinea in Malignant Melanoma Cell Lines	Sajini, JR; Chandrasekar, V; Chamundeeswari, D; Rajendran, K; Kindo, AJ; Swaminathan, J	Cureus journal of medical science	2024	Article
606	WOS:001195446300001	Comparative studies on the cultivation, yield, and nutritive value of an edible mushroom, Pleurotus tuber-regium (Rumph. ex Fr.) Singer, grown under different agro waste substrates	Aswathy, S; Shyamalagowri, S; Hari, S; Kanimozhi, M; Meenambiga, SS; Thenmozhi, M; Karthiyayini, R; Suresh, D; Manjunathan, J	3 biotech	2024	Article

607	WOS:001250629000006	Investigating indispensable characteristics of Boehmeria nivea and Agave sisalana fiber-reinforced epoxy hybrid composites for particle board applications	Hariharan, C; Parthiban, A; Thanikodi, S	International journal of advanced manufacturing technology	2024	Article; Early Access
608	WOS:001174040200001	Growth, spectral, optical, and third harmonic generation studies of p-Hydroxyacetanilide (PHA) crystals	Bhavani, K; Rhoda, JC; Hossain, MK; Karnan, C	Optical materials	2024	Article
609	WOS:001165279300001	An impact of sea sponge-derived hard carbon with the symbiosis of sodium ion battery and biomedical applications	Meenatchi, T; Subadevi, R; Kumar, P; Raghu, S; Liu, WR; Sivakumar, M	Journal of the taiwan institute of chemical engineers	2024	Article

610	WOS:001268516300040	Performance Analysis Of Insulation Resistance Test And Cable Laying Installation In Library Block	Rubini, B; Karthick, R; Kalaiarasi, G; Saranya, S; Kumar, SP; Suganiya, M	Proceedings 2024 ieee 6th global power, energy and communication conference, ieee gpecom 2024	2024	Proceedings Paper
611	WOS:001240410400001	Development and comparison of machine learning models for in-vitro drug permeation prediction from microneedle patch	Biswas, AA; Dhondale, MR; Singh, M; Agrawal, AK; Muthudoss, P; Mishra, B; Kumar, D	European journal of pharmaceutics and biopharmaceutics	2024	Article

612	WOS:001143101100010	Analysis of smart grid-based intrusion detection system through machine learning methods	Ravikumar, D; Sasikala, K; Vijayashanthi, RS; Prasad, SN	International journal of electronic security and digital forensics	2024	Article
613	WOS:001294868200001	Development and comparison of machine learning models for in-vitro drug permeation prediction from microneedle patch (vol 199, 114311, 2024)	Biswas, AA; Dhondale, MR; Singh, M; Agrawal, AK; Muthudoss, P; Mishra, B; Kumar, D	European journal of pharmaceuticals and biopharmaceutics	2024	Correction
614	WOS:001141986100003	The investigation on mechanical, thermal conductivity and water absorption characteristics of coir fiber-reinforced vinyl ester biocomposites	Prabhu, P; Chokkalingam, V; Arunkumar, S; Perumal, P	Biomass conversion and biorefinery	2024	Article; Early Access

615	WOS:001221759500018	Lip Cosmetics - A Formulator (OR) An innovator to Overcome a Challenge in Quest of Research with its Advances	Anitha, P; Darwin, CR; Devi, DV; Madhulatha, AVS; Vasavi, GJ; Reddy, VS; Ashok, S; Jeslin, D; Bhargavi, B; Vijayamma, G	Asian journal of pharmaceuticals	2024	Article
616	WOS:001288964400009	Crack Identification in a Structural Beam Using Regression and Machine Learning Models	Khalkar, V; Moshi, A; Borde, J; Bane, R; Jugulkar, L; Baskar, S	Romanian journal of acoustics and vibration	2024	Article
617	WOS:001275422300001	Synthesis, characterization and analysis of biodegradable polymer-coated urea fertilizers for controlled nutrient release	Balashanmugavel, B; Subramani, M; Vunnam, V; Kasiviswanathan, SCB	Polymer bulletin	2024	Article; Early Access
618	WOS:001305553300001	FT-IR, UV-Vis, density functional theory and molecular docking studies on 3,7,11,15-Tetramethyl-2hexadecen-1-ol	Kayashrini, S; Rajesh, P; Dhanalakshmi, E; Kesavan, M; Prabhakaran, M; Al Farraj, DA; Elshikh, MS	Journal of molecular structure	2024	Article

619	WOS:001297837900002	Insight into Binding and Interaction of Docking, Dynamics and Network Pharmacology to Explore the Target on Cancer Inhibitors	Gayathiri, E; Prakash, P; Pratheep, T; Chaudhari, SY; Priyadharshini, SD; Mani, T; Mahalakshmi, P	Journal of pharmaceutical innovation	2024	Article
620	WOS:001214392500001	Influence of graphene nanoplates and titanium diboride particulate on wear and interfacial bonding properties of sintered aluminium alloy composites	Kumar, JL; Gurusamy, P; Gayathri, N; Muthuraman, V	Diamond and related materials	2024	Article
621	WOS:001307503700001	Degree-based topological indices, quantum computational, molecular docking and biological evaluations of o-nitroacetanilide	Gnanasambandan, T; Dhanalakshmi, E; Selvaraj, M; Abdelmotaleb, MAI; Kathiresan, AK; Sivaranjani, G; Revathi, M; Venkatesan, KA; Rajesh, P	Inorganic chemistry communications	2024	Article
622	WOS:001301555800001	Facile fabrication of bismuth oxide anchored graphene oxide for the effective electrochemical sensing of diuron	Munusamy, N; Disouza, FPD; Chen, SM; Krishnan, K; Jothinathan, MKD; Prakash, B	Journal of the taiwan institute of chemical engineers	2024	Article

623	WOS:001314891500001	PPG2RespNet: a deep learning model for respiratory signal synthesis and monitoring from photoplethysmography (PPG) signal	Shuzan, MNI; Chowdhury, MH; Alam, SB; Reaz, MB; Khan, MS; Murugappan, M; Chowdhury, MEH	Physical and engineering sciences in medicine	2024	Article; Early Access
624	WOS:001137510100001	Experimental investigation of the effect of e-waste fillers on the mechanical properties of Kenaf woven fiber composites	Raj, JID; Durairaj, RB; Ananth, SV; Barmavatu, P	Environmental quality management	2024	Article
625	WOS:001206460000003	Thermal evaluation of aluminum welding: a comparative study of friction stir welding (FSW), plasma-fsw, and tungsten inert gas (TIG)-FSW techniques	Yaduwanshi, DK; Rao, CRM; Naidu, SCVRM; Sakharwade, SG; Sharma, S; Khalkar, V; Baskar, S; Kaliyaperumal, G	International journal of interactive design and manufacturing - ijjidem	2024	Article; Early Access
626	WOS:001280853000001	Computational aspects of DFT, HOMO-LUMO, PED, molecular docking and basic characterisations of Octadec-9-Enoic Acid (C ₁₈ H ₃₄ O ₂)	Prabhu, C; Rajesh, P; Lawrence, M; Dhas, SSJ; Almansour, AI	Molecular physics	2024	Article; Early Access

627	WOS:001172997500001	Synthesis, structural properties, thermal behavior, and electrical and electrochemical sensing performance of tamarind seed polysaccharide-lithium nitrate polymer electrolyte	Monisha, S; Prameela, P; Boopathi, G; Selvalakshmi, S; Gnanam, S; Gajendiran, J	Ionics	2024	Article
628	WOS:001188165000001	Applications of fungal based nanoparticles in cancer therapy- A review	Janakiraman, V; Manjunathan, J; Sampathkumar, B; Thenmozhi, M; Ramasamy, P; Kannan, K; Ahmad, I; Asdaq, SMB; Sivaperumal, P	Process biochemistry	2024	Review
629	WOS:001313798800001	Effect of Graphite Nanoadditives on the Behavior of a Diesel Engine Fueled with Pyrolysis Fuel Recovered from Used Plastics	Sambandam, P; Punitha, N; Vijetha, K; Baskar, S; Shamprasshaath, SV; Seikh, AH; Ifseisi, AA; Sharma, A	Acs omega	2024	Article; Early Access
630	WOS:001139897600001	Unleashing light's healing power: an overview of photobiomodulation for Alzheimer's treatment	Ramanishankar, A; Singh, SA; Begum, RF; Jayasankar, N; Nayeem, A; Prajapati, BG; Nirenjen, S	Future science oa	2024	Review

631	WOS:001195866900005	Photovoltaic-Based Dual Output DC-DC Converter Using Gravitational Search Algorithm-Tuned PI and Sliding Mode Controllers	Rajamani, MPE; Murugappan, M; Prakash, NB; Nair, G; Trabelsi, M	Arabian journal for science and engineering	2024	Article; Early Access
632	WOS:001296167300070	Preparation of self-preserving personal care cosmetic products using multifunctional ingredients and other cosmetic ingredients	Senthilkumar, K; Vijayalakshmi, A; Jagadeesan, M; Somasundaram, A; Pitchiah, S; Gowri, SS; Alharbi, SA; Ansari, MJ; Ramasamy, P	Scientific reports	2024	Article
633	WOS:001217014400001	Biological effects of vanillic acid, iso-vanillic acid, and ortho-vanillic acid as environmental pollutants	Matejczyk, M; Ofman, P; Juszczuk-Kubiak, E; Swislocka, R; Shing, WL; Kesari, KK; Prakash, B; Lewandowski, W	Ecotoxicology and environmental safety	2024	Article
634	WOS:001167510900004	Automated retinal disease classification using hybrid transformer model (SViT) using optical coherence tomography images	Hemalakshmi, GR; Murugappan, M; Sikkandar, MY; Begum, SS; Prakash, NB	Neural computing & applications	2024	Article; Early Access

635	WOS:001252231500001	Antimicrobial efficiency against fish pathogens on the green synthesized silver nanoparticles	Ramya, JR; Ali, S; Arul, T; Vijayalakshmi, R; Gajendiran, J; Gnanam, S; Ramachandran, K	Microbial pathogenesis	2024	Article
636	WOS:001227236300003	Hypocholesterolemic potential of Bacillus amyloliquefaciens KAVK1 modulates lipid accumulation on 3T3-L1 adipose cells and high fat diet-induced obese rat model	Kokila, V; Namasivayam, SKR; Amutha, K; Kumar, RR; Bharani, RSA; Surya, P	World journal of microbiology & biotechnology	2024	Article
637	WOS:001307651100003	Improving electrochemical and photocatalytic performance of C3N4/poly(thiophene)/poly(3,4-ethylene dioxy thiophene) nanocomposite	Munusamy, S; Bavani, T; Gnanamoorthy, G; Ramamurthy, K; Kalpana, K; Alotaibi, MA	Ionics	2024	Article; Early Access
638	WOS:001170384900001	Solute solvent interaction study on 9,9-dihydroxynanoic acid by DFT, IR, Raman, UV, MEP, quantum parameters and docking studies	Lawrence, M; Rajesh, P; Saral, A; Jeyakumar, TC; Alharbi, NS; Abbas, G; Muthu, S	Journal of molecular liquids	2024	Article

639	WOS:001182586100001	Homology modeling and protein-protein interaction studies of GAPDH from <i>Helopeltis theivora</i> and chitinase from <i>Pseudomonas fluorescens</i> to control infection in tea [<i>Camellia sinensis</i> (L.) O. Kuntze] plants	Suganthi, M; Sowmya, H; Manjunathan, J; Ramasamy, P; Thiruvengadam, M; Varadharajan, V; Venkidasamy, B; Senthilkumar, P	Plant stress	2024	Article
640	WOS:001305683900001	Novel Hybrid Quantum Architecture-Based Lung Cancer Detection Using Chest Radiograph and Computerized Tomography Images	Martis, JE; Sannidhan, MS; Balasubramani, R; Mutawa, AM; Murugappan, M	Bioengineering- basel	2024	Article
641	WOS:001307913000001	Spectroscopic, solvent interactions, topological analysis, docking evaluation with biological studies on 1,3,3-trimethyl-2-oxybicyclo[2.2.2] octane by anti-cancer proteins	Vasanthi, V; Gunasekaran, S; Dhanalakshmi, E; Rajesh, P; Kesavan, M; Kumaresan, L; Almutairi, SM; Talha, NTB	Journal of molecular structure	2024	Article

642	WOS:001293969400001	Investigation of the environmental implications of using cerium oxide nano-additives in gasoline engines fueled with gasoline-oxyhydrogen	Sambandam, P; Raj, DJ; Thangaraj, VK; Muthiya, SJ; Subramanian, M; Pachamuthu, S; Kumar, TP	Energy sources part a-recovery utilization and environmental effects	2024	Article
643	WOS:001194887200001	Diabetic Foot Ulcer Detection: Combining Deep Learning Models for Improved Localization	Sarmun, R; Chowdhury, MEH; Murugappan, M; Aqel, A; Ezzuddin, M; Rahman, SM; Khandakar, A; Akter, S; Alfkey, R; Hasan, MA	Cognitive computation	2024	Article
644	WOS:001251299200001	A review of using deep learning from an ecology perspective to address climate change and air pollution	Murugadoss, R; Nesamani, SL; Banushri, A; Monica, KM; Vairavel, M; Rajini, SNS; P, G	Global nest journal	2024	Review
645	WOS:001200333300005	Characterization on properties of Al7050/TiC/BN hybrid metal matrix composite	Muthukumaran, R; Daniel, AA; Nithya, M; Parthiban, A; Sathish, T; Giri, J; Al-Lohedan, HA	Aip advances	2024	Article

646	WOS:001157389900001	Facile synthesis of MnO ₂ nanoparticles for the removal of cationic dye	Gowthami, P; Kumar, SRS; Kalaiarasi, G; Kosiha, A; Priya, LS; Mahmoud, MH; Fouad, H; Ansari, A	Zeitschrift fur physikalische chemie- international journal of research in physical chemistry & chemical physics	2024	Article
647	WOS:001248212000063	Mycobacterium tuberculosis: a new hitchhiker in the etiopathogenesis of periodontitis	MohanaSundaram, A; Gohil, NV; Etekoachay, MO; Patel, P; Gurajala, S; Sathanantham, ST; Nsengiyumva, M; Kumar, S; Bin Emran, T	International journal of surgery	2024	Article

648	WOS:001267334400007	Active Phytochemicals of Indian Spices Target Leading Proteins Involved in Breast Cancer: An in Silico Study	Krishnakumar, AK; Malaiyandi, J; Muralidharan, P; Rehalia, A; Ahuja, A; Duraisamy, V; Agrawal, U; Singh, AK; Singh, HN; Swarup, V	Journal of the korean chemical society-daehan hwahak hoe jee	2024	Article
649	WOS:001278339400001	Synthesis and characterization of ZnO-NiO nanocomposites for photocatalytic and electrochemical storage applications	Gnanam, S; Shynu, RK; Gajendiran, J; Ramya, JR; Thennarasu, G; Arul, KT; Raj, SG; Kumar, GR	Ionics	2024	Article; Early Access
650	WOS:001181770000001	Unearthing Earth's secrets: Exploring the environmental legacy of contaminants in soil, water, and sediments	Devendrapandi, G; Balu, R; Ayyappan, K; Ayyamperumal, R; Alhammadi, S; Lavanya, M; Senthilkumar, R; Karthika, PC	Environmental research	2024	Review
651	WOS:001186233100002	Synthesis and Exploring structural, magnetic, morphology and optical properties of La _{2-x} Al _x CuO ₄ (0 < x < 0.25) perovskite nanoparticles by microwave-assisted combustion method	Yuvaraj, S; Udhaya, PA; Deepa, S; Sundararajan, M; Jothiramalingam, R; Al-Lohedan, H; Al-Sigh, H; Nazeer, AA	Journal of ovonic research	2024	Article

652	WOS:001181746600001	Numerical model study on stability of a micro-tidal inlet at Muttukadu along the east coast of Bay of Bengal	Ayyappan, K; Thiruvenkatasamy, K; Balu, R; Devendrapandi, G; Kadaikunnan, S; Ayyamperumal, R	Environmental research	2024	Article
653	WOS:001154814000001	Structural and magnetic properties of tin oxide (SnO ₂) nanoparticles for testing spintronic device applications	Yadav, CH; Gajendiran, J; Gnanam, S; Ramya, JR; Monisha, S; Selvalakshmi, S; Ramachandran, K; Raj, SG; Kumar, GR	Materials letters	2024	Article
654	WOS:001194685400001	PE-Ynet: a novel attention-based multi-task model for pulmonary embolism detection using CT pulmonary angiography (CTPA) scan images	Hemalakshmi, GR; Murugappan, M; Sikkandar, MY; Santhi, D; Prakash, NB; Mohanarathinam, A	Physical and engineering sciences in medicine	2024	Article; Early Access

655	WOS:001220780000003	A comparative study of structural, optical, and magnetic properties of LaFeO ₃ and La ₂ CuO ₄ perovskite nanoparticles	Sukumar, M; Simon, D; Kumar, A; Ubaidullah, M; Sutha, A; Kumar, S; Yuvaraj, S; Banupriya, K; Subashini, C; Gupta, M; Bhaskaran, A; Sundararajan, M; Manohar, A	Journal of materials science-materials in electronics	2024	Article
656	WOS:001221905500001	4-Carboxyphenyl as efficient donor group in nano Zn-Porphyrin for dye sensitized solar cells	Dayanithi, J; Pichaikaran, S; Selvam, S; Kotteswaran, S; Kumaresan, N; Pugazhendhi, A; Kumar, MR; AL Garalleh, H; Alshehri, MA; Murugadoss, G	Environmental research	2024	Article

657	WOS:001313666600001	Alkaloid-based modulators of the PI3K/Akt/mTOR pathway for cancer therapy: Understandings from pharmacological point of view	Mokhfi, FZ; Al Amin, M; Zehravi, M; Sweilam, SH; Arjun, UVNV; Gupta, JK; Vallamkonda, B; Balakrishnan, A; Challa, M; Singh, J; Prasad, PD; Ali, SS; Ahmad, I; Doukani, K; Bin Emran, T	Chemico-biological interactions	2024	Review
658	WOS:001267062900001	Parameter fine tuning on CRDI engine operated with blends of grape biodiesel and diesel	Prakash, P; Elumalai, PV; Chelladurai, H; Josephine, GRNR; Velumayil, R; Asif, M; Kit, CC; Venkatesan, B; Rajagopal, S; Sanjeevi, B; Reddy, MV; Prabhakar, S	Case studies in thermal engineering	2024	Article
659	WOS:001205253900063	Plant disease recognition using residual convolutional enlightened Swin transformer networks	Kalpana, P; Anandan, R; Hussien, AG; Migdady, H; Abualigah, L	Scientific reports	2024	Article

660	WOS:001247272500007	Polyphenols as Therapeutics in Respiratory Diseases: Moving from Preclinical Evidence to Potential Clinical Applications	Bin Emran, T; Eva, TA; Zehravi, M; Islam, F; Khan, J; Kareemulla, S; Arjun, UVNV; Balakrishnan, A; Taru, PP; Nainu, F; Salim, E; Rab, SO; Nafady, MH; Wilairatana, P; Park, MN; Kim, B	International journal of biological sciences	2024	Review
661	38231241	Mycobacterium tuberculosis : a new hitchhiker in the etiopathogenesis of periodontitis	MohanaSundaram A, Gohil NV, Etekochoy MO, Patel P, Gurajala S, Sathanantham ST, Nsengiyumva M, Kumar S, Emran TB.	International Journal of Surgery	2024	Article
662	39275785	Extended insights into the pathophysiological role of UBR5: a commentary	MohanaSundaram A, Sathanantham ST, Islam MR.	International Journal of Surgery	2024	Article

663	38904027	Polyphenols as Therapeutics in Respiratory Diseases: Moving from Preclinical Evidence to Potential Clinical Applications	Emran TB, Eva TA, Zehravi M, Islam F, Khan J, Kareemulla S, Arjun UVNV, Balakrishnan A, Taru PP, Nainu F, Salim E, Rab SO, Nafady MH, Wilairatana P, Park MN, Kim B.	International Journal of Biological Sciences	2024	Article
664	38423149	Polyethylene terephthalate waste derived nanomaterials (WDNMs) and its utilization in electrochemical devices	Manjunathan J, Pavithra K, Nangan S, Prakash S, Saxena KK, Sharma K, Muzammil K, Verma D, Gnanapragasam JR, Ramasubburayan R, Revathi M.	Chemosphere	2024	Article
665	38278509	Unearthing Earth's secrets: Exploring the environmental legacy of contaminants in soil, water, and sediments	Devendrapandi G, Balu R, Ayyappan K, Ayyamperumal R, Alhammadi S, Lavanya M, Senthilkumar R, Karthika PC.	Environmental Research	2024	Article

666	38493852	4-Carboxyphenyl as efficient donor group in nano Zn-Porphyrin for dye sensitized solar cells	Dayanithi J, Pichaikaran S, Selvam S, Kotteswaran S, Kumaresan N, Pugazhendhi A, Rajesh Kumar M, Al Garalleh H, Ali Alshehri M, Murugadoss G.	Environmental Research	2024	Article
667	38295979	Numerical model study on stability of a micro-tidal inlet at Muttukadu along the east coast of Bay of Bengal	Ayyappan K, Thiruvenkatasamy K, Balu R, Devendrapandi G, Kadaikunnan S, Ayyamperumal R.	Environmental Research	2024	Article
668	38749323	ECG waveform generation from radar signals: A deep learning perspective	Chowdhury FA, Hosain MK, Bin Islam MS, Hossain MS, Basak P, Mahmud S, Murugappan M, Chowdhury MEH.	Computers in Biology and Medicine	2024	Article

669	38663192	Biological effects of vanillic acid, iso-vanillic acid, and ortho-vanillic acid as environmental pollutants	Matejczyk M, Ofman P, Juszczyk-Kubiak E, ÅšwisÅ,ocka R, Shing WL, Kesari KK, Prakash B, Lewandowski W.	Ecotoxicology and Environmental Safety	2024	Article
670	39209016	Alkaloid-based modulators of the PI3K/Akt/mTOR pathway for cancer therapy: Understandings from pharmacological point of view	Mokhfi FZ, Al Amin M, Zehravi M, Sweilam SH, Arjun UVNV, Gupta JK, Vallamkonda B, Balakrishnan A, Challa M, Singh J, Prasad PD, Ali SS, Ahmad I, Doukani K, Emran TB.	Chemico-Biological Interactions	2024	Article
671	38710374	Development and comparison of machine learning models for in-vitro drug permeation prediction from microneedle patch	Biswas AA, Dhondale MR, Singh M, Agrawal AK, Muthudoss P, Mishra B, Kumar D.	European Journal of Pharmaceutics and Biopharmaceutics	2024	Article

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