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S.No	Authors	Title	Year	Volume	Issue	Page start	Page end	Cited by	DOI	Link	Source
1	Devi R.D.H.; Gunapriya D.; Nagalakshmi S.V.; Sivaranjani S.; Gowdhamkumar S.; Avinash P.	Advanced Cardiovascular Risk Stratification Using Hybrid Ensemble Learning and Deep Feature Engineering: A Multi-cohort Validation Study	2027	505 SIST		87	99	0	10.1007/978-3-032-29237-7_8	https://www.scopus.com/pages/publications/105043945102?origin=resultslist	Scopus
2	Chohan J.S.; Sarangi H.; Subramanyam R.; Magibalan S.; Thanikasalam A.; Kumar S.S.	Performance evaluation of AZ61/nZnO composite: insights into squeeze casting	2026	247	1			1	10.1007/s10751-026-02555-1	https://www.scopus.com/pages/publications/105039163165?origin=resultslist	Scopus
3	Sridevi T.; Vadduri M.; Tamilamuthan R.; Anitha R.; Lakshmanan M.; Hole S.R.	ANN-Based EV Charging Demand Forecasting in Renewable Microgrids	2026					0	10.1109/ICEESI68020.2026.11583004	https://www.scopus.com/pages/publications/105045131366?origin=resultslist	Scopus
4	Rajmohan K.; Malarkodi K.; Kumar S.N.; Naveen G.; Mosses A.; Rajeswari R.	Adaptive Weighted Stacking Ensemble (AWSE) for Vehicle CO2 Emissions Prediction	2026					0	10.1109/QPAIN69676.2026.11546009	https://www.scopus.com/pages/publications/105042950780?origin=resultslist	Scopus
5	Allen Jeffrey J.; Suresh Kumar S.; Vaidyaa P.; Anan Saran J.; Ajith P.; Chithrandi U.	Multi-objective parametric optimization on poly lactic acid using desirability function analysis	2026	3284	1			0	10.1063/5.0328919	https://www.scopus.com/pages/publications/105046887103?origin=resultslist	Scopus
6	Pradeep G.; Jeyauthmigha R.K.; Muthukrishnan A.; Vijayanarayanan A.; Vikram V.; Yogashvar A.K.	Apply Blockchain to Improve Healthcare Supply Chain Integrity: Reduce Drug Counterfeiting with Real-Time Tracking and Unchangeable Data Storage	2026			404	408	0	10.1109/WcCST67302.2026.11496050	https://www.scopus.com/pages/publications/105040793081?origin=resultslist	Scopus
7	Sridevi T.; Vadduri M.; Tamilamuthan R.; Anitha R.;	ANN-Based EV Charging Demand Forecasting in Renewable Microgrids	2026					0	10.1109/ICEESI68020.2026.11583713	https://www.scopus.com/pages/publications/1050	Scopus

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8	Vemulapalli N.; Kumar M.K.V.; Kumar A.; Roopa M.; Kothuri S.; Shiva Prasad E.	Seasonal Generalization of Tree-Based Machine Learning for Multi-Horizon PV, Load, and Battery Forecasting in Tropical Island Microgrids	2026			506	510	0	10.1109/icSmartGrid70882.2026.11680706	https://www.scopus.com/pages/publications/105053410705?origin=resultslist	Scopus
9	Manohar S.C.M.; Abubakar T.A.; Neerazhagan B.T.; Wadaan M.A.; Almoutiri N.D.; Kim S.K.; Ramachandran K.; Kumar V.; Narayanan S.P.	In vitro and in silico analysis of chitosan oligosaccharide, polyethylene glycol ternary nanocomposites for accelerated wound healing activity	2026	9	4			0	10.1007/s42247-026-01308-8	https://www.scopus.com/pages/publications/105034916781?origin=resultslist	Scopus
10	Jeyakumar R.; S M.A.; S M.K.; G R.	Development of a novel vinyl ester composite reinforced with dragon fruit tree stem fiber and Napier grass cellulose and its performance evaluation	2026					1	10.1177/00219983261462237	https://www.scopus.com/pages/publications/105043752474?origin=resultslist	Scopus
11	Thangam N.; Suriya S.	Evaluation of landfill leachate treatment using Multi-Walled Carbon NanoTube (MWCNT) doped Titanium Dioxide (TiO2) composites in three types of reactor	2026					0	10.1007/s10163-026-02536-0	https://www.scopus.com/pages/publications/105034095007?origin=resultslist	Scopus
12	Kumar S.V.; Ratan J.; Sunkara R.; Vishalakshi N.B.; Kumar K.S.S.	Vision Transformer-Based Temporal Attention Recalibrated Network for Efficient Crop Yield Prediction	2026					0	10.1109/ICISCN67954.2026.11566211	https://www.scopus.com/pages/publications/105043739956?origin=resultslist	Scopus
13	Mishra A.K.; Nossam S.K.R.; Ram M.K.; Shadangi P.Y.; Kumar S.S.; Vijayalakshmi	Deep Learning-Driven Neuro-Pedagogical Interface for Real-Time Brainwave-Adaptive	2026					0	10.1109/ICAECT68478.2026.11426018	https://www.scopus.com/pages/publications/105035740730?origi	Scopus

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14	Veeramanikandan M.; Prabhu Swamy R.N.; Baskaran R.; Arunkumar G.; Kumar D.R.; Abbas S.M.	Development and Characterization of 3D Printed PLA Composites Using Palm Oil Fuel Ash and Garlic Skin Fibers	2026					0	10.1007/s12633-026-03866-2	https://www.scopus.com/pages/publications/105054207729?origin=resultslist	Scopus
15	Malarkodi K.; Naveen G.; Soundarya R.; Mosses A.; Rajeswari R.; Surendiran J.	MindSense: An Intelligent IoT-Based Mental Health Monitoring Framework Using Multi-Modal Sensor Fusion and Predictive Analytics	2026					4	10.1109/QPAIN69676.2026.11545682	https://www.scopus.com/pages/publications/105042703769?origin=resultslist	Scopus
16	Lakshmanan M.; Londhe G.; Dhanraj J.A.; Sriramkumar R.; Tamilamuthan R.; Hole S.R.	Federated Augmented Random Search Reinforcement Learning for Edge-Private Autonomous Driving Systems	2026					0	10.1109/ICASS69550.2026.11547743	https://www.scopus.com/pages/publications/105042940987?origin=resultslist	Scopus
17	Vandarkuzhali T.; Ramesh B.; Azeez A.; Arunkumar G.; Natarajan R.B.; Abbas S.M.	Development of Helianthus annuus waste derived activated biocarbon and Hampa hybrid fibre (hemp 55% and flax 45%) reinforced rigid ester biocomposites for electromagnetic shielding applications	2026	37	20			0	10.1007/s10854-026-17942-1	https://www.scopus.com/pages/publications/105044589178?origin=resultslist	Scopus
18	Lakshmi S.V.N.; Londhe G.; Tamilamuthan R.; Suganthi S.; Lakshmanan M.; Hole S.R.	Fuzzy Logic-Based MPPT Control Strategy for Stable EV Charging under Rapid Solar Irradiance Variations	2026					0	10.1109/ETAACT69135.2026.11541422	https://www.scopus.com/pages/publications/105042169118?origin=resultslist	Scopus
19	Manikandan M.R.; Raja R.T.; Abbas M.A.S.; Issac F.I.R.	Surface topography and frictional wear behavior of plasma-sprayed ceria and alumina fused yttria-stabilized zirconia	2026	14	1			1	10.1088/2051-672X/ae3b58	https://www.scopus.com/pages/publications/105033652367?origin=resultslist	Scopus

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20	Lakshmanan M.; Londhe G.; Dhanraj J.A.; Sriramkumar R.; Tamilamuthan R.; Hole S.R.	Hybrid Heuristic and Zero-Knowledge Proof Framework for Patient Data Sanitization and Selective Disclosure in Smart Contracts	2026					0	10.1109/ICASS69550.2026.11547465	https://www.scopus.com/pages/publications/105042909530?origin=resultslist	Scopus
21	Sravanthi K.; Sandhya N.; Patel K.; Rajeswari R.; Nuvvula R.S.S.; Babu B.H.	TFT-PPO: Proactive Power Quality Control for EV Fast-Charging Clusters via Transformer-Based Demand Forecasting and Reinforcement Learning	2026			487	492	0	10.1109/icSmartGrid70882.2026.11680857	https://www.scopus.com/pages/publications/105053462806?origin=resultslist	Scopus
22	Marimuthu P.; Moorthy V.; Kumaresan J.; Rajesh T.; Sarala P.; Sekhar C.; Sudha Y.; Gowthami K.	Multiport multi-bus PV based power router with partial power conversion	2026	3418	1			0	10.1063/5.0342010	https://www.scopus.com/pages/publications/105044446938?origin=resultslist	Scopus
23	Kishore M.R.; Shankar K.; Rajmohan K.; Reddy Y.P.K.; Sunanda Y.	Robust Fusion of Multimodality Medical Images with Fidelity Driven Optimization and Detail -Preservation	2026	1466 LNEE		23	29	0	10.1007/978-981-95-0269-1_3	https://www.scopus.com/pages/publications/105023275146?origin=resultslist	Scopus
24	Rajeswari R.; Malarkodi K.; Revathi D.; Naveen G.; Mosses A.; Prattyusha P.	EVOptima:Advanced Hybrid Ensemble Framework for Intelligent Electric Vehicle Range Prediction	2026					0	10.1109/QPAIN69676.2026.11546606	https://www.scopus.com/pages/publications/105042703997?origin=resultslist	Scopus
25	Ramasamy S.; Palanisamy A.; Muthusamy S.; Rajendran A.	Performance enhancement of a floating polycrystalline PV system using random forest-based MPPT	2026	31				0	10.1590/1517-7076-RMAT-2025-0999	https://www.scopus.com/pages/publications/105050601941?origin=resultslist	Scopus

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27	Shankar T.A.S.; Kotteswari K.; Santhi P.; Abirami R.; Vikram N.; Rajkirthi K.	CWT-GRU-based Natural Disaster Prediction Framework using Wireless Sensor Networks	2026			306	313	0	10.1109/ICAUC68182.2026.11441099	https://www.scopus.com/pages/publications/105037451984?origin=resultslist	Scopus
28	Devi D.H.; Rathod J.S.G.; Dhas P.A.S.; Priyanka A.; Dhiviyalakshmi L.; Gowdhamkumar S.	MmWave-Enabled Human Activity Monitoring for Telemedicine-Based Remote Patient Monitoring	2026			1635	1640	0	10.1109/AIC70896.2026.11717327	https://www.scopus.com/pages/publications/105055099855?origin=resultslist	Scopus
29	Jamalpur B.; Jeevarathinam K.; Vetrivel K.; Vidhya S.S.; Murugesan A.; Jegajothi B.	Fairfedtransnet: Fairness-Aware Transformer-Based Federated Learning for Multimodal Rare Disease Diagnosis	2026			1372	1380	0	10.1109/ICCCES62661.2026.11436851	https://www.scopus.com/pages/publications/105037450092?origin=resultslist	Scopus
30	Thangam N.; Suriya S.	Enhanced Photocatalytic Remediation of Complex Leachates for Simultaneous Pollutant Removal and Hydrogen Recovery	2026					0	10.1007/s40996-026-02134-y	https://www.scopus.com/pages/publications/105033401892?origin=resultslist	Scopus
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32	Avinash K.; Reddy V.A.R.; Manohari D.; Kothuri S.; Geetha R.; Swarna B.	Multi-Source Feature Integration for Short-Term Load Forecasting in Off-Grid Residential	2026			501	505	0	10.1109/icSmartGrid70882.2026.11680767	https://www.scopus.com/pages/publications/105053474853?origi	Scopus

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33	Anitha R.; Londhe G.; Tamilamuthan R.; Sridevi T.; Lakshmanan M.; Hole S.R.	Particle Swarm Optimized PI Control of a PV-Fed DC-DC Boost Converter for High-Performance Renewable Charging Systems	2026					0	10.1109/ETAACT69135.2026.11541391	https://www.scopus.com/pages/publications/105042155663?origin=resultslist	Scopus
34	Dilbar R.; Ashirova A.; Saravanan L.S.L.; Chorshanbiev C.; Anusuya C.; Venkataramanaiah B.	Liver Disease Prediction using Ensemble Learning and Deep Learning Model	2026			954	958	14	10.1109/ICAUC68182.2026.11441153	https://www.scopus.com/pages/publications/105037444042?origin=resultslist	Scopus
35	Ravishankar K.; Maniraj K.; Kaliyappan S.; Pradeep G.; Samuthirapandi V.; Vijaya Vardan Reddy S.P.	Implementation of Edge-AI to Process Photographs on Mobile Devices: Compact Neural Network Models for Tracking Wildlife in Distant Forest Areas	2026					0	10.1109/ICDSAAI69492.2026.11505103	https://www.scopus.com/pages/publications/105041310321?origin=resultslist	Scopus
36	Santhosh Reddy B.; Deepa Nivethika S.; Vara Anjan B.; Mahidhar Reddy P.; SenthilPandian M.; Roobankumar R.	Self-healing neural networks via modular patch layers for diverse structural and adversarial damages	2026	16	1			0	10.1038/s41598-026-57677-x	https://www.scopus.com/pages/publications/105050314314?origin=resultslist	Scopus
37	Shanmugasundar G.; Kumar A.; Chaithra S.; Alkhayyat A.; Varshney S.; Saroj A.; Swarna B.	Hybrid Renewable Energy Integration Framework for Smart Grid Stability, Energy Storage Management and Sustainable Power Delivery	2026			721	726	0	10.1109/icSmartGrid70882.2026.11680710	https://www.scopus.com/pages/publications/105053383842?origin=resultslist	Scopus
38	Mathiarasu A.; Kumar S.S.; Senthil R.; Pandian R.	Chemical characterization and performance analysis of post-modified microwave pyrolyzed karanja seed bio-oil	2026	58	1	5	15	0	10.34049/bcc.58.1.5721	https://www.scopus.com/pages/publications/105035734583?origin=resultslist	Scopus

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40	Chanakyan C.; Moses Raja Cecil D.; Ashok Raj R.; Rajan V.R.; Sivaraman V.; Suresh Kumar S.; Antony Prabu D.; Mohandas T.; Senthilkumar C.	Enhancement of mechanical characterization and properties on TIG welded dissimilar Alâ€“Mg alloys using ER5356 and scandium composites	2026					0	10.1080/09507116.2026.2722122	https://www.scopus.com/pages/publications/105048761284?origin=resultslist	Scopus
41	Prasad K.D.S.; Satheesh S.; Swarna B.; Sreedevi S.L.; Chaithra S.; Babu B.H.	Graph Neural Network-Enhanced Reinforcement Learning for Large-Scale Electric Vehicle Charging Coordination in Urban Grids	2026			482	486	0	10.1109/icSmartGrid70882.2026.11680824	https://www.scopus.com/pages/publications/105053469763?origin=resultslist	Scopus
42	Arunakumari M.; Mattaparthi R.; Kothuri S.; Prakash V.D.; Mahalakshmi V.; Prasad E.S.	Data-Driven Framework for Real-Time Carbon Accounting and Sustainability Monitoring in Off-Grid Urban Residential Microgrids	2026			493	500	0	10.1109/icSmartGrid70882.2026.11680943	https://www.scopus.com/pages/publications/105053431389?origin=resultslist	Scopus
43	Kesavan T.; Suganthi S.; Murugesan M.	Hybrid deep reinforcement learning based reconfiguration and optimal distribution of energy resources for virtual power plant in distribution network	2026	18	5			0	10.1063/5.0329449	https://www.scopus.com/pages/publications/105053525271?origin=resultslist	Scopus
44	Suganthi S.; Londhe G.; Tamilamuthan R.; Lakshmi S.V.N.; Lakshmanan M.; Hole S.R.	Hybrid Fuzzy-ANN Voltage Control for Solar-Wind EV Microgrids	2026					1	10.1109/ETAACT69135.2026.11541701	https://www.scopus.com/pages/publications/105042179535?origin=resultslist	Scopus

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46	Senthil Kumar J.; Nishanandhini A.; Divya R.; Yuvaraj S.; Prabhakaran T.; Duraimurugan S.	Integration of Quantum Support Vector Classifier and Particle Swarm Optimization for Viruses Detection Using Diamond Nv Centers	2026			1648	1653	0	10.1109/ICISS67859.2026.11454076	https://www.scopus.com/pages/publications/105036948325?origin=resultslist	Scopus
47	Tokala S.; Lingeshwaran N.; Ponni M.; Ushakranti J.; Raj A.G.F.; Chinnasamy M.	Recycling Construction and Demolition Waste into Coarse Aggregates: A State-of-the-Art Review	2026	22	3	1007	1036	1	10.2478/cee-2026-0059	https://www.scopus.com/pages/publications/105027667277?origin=resultslist	Scopus
48	M R.; R S.; R S.	Self-Supervised Vibration Analytics for Predictive Maintenance of Multistage Compressors	2026	14	5			0	10.1007/s42417-026-02455-2	https://www.scopus.com/pages/publications/105035229083?origin=resultslist	Scopus
49	Lillian Mayer Pushpa Latha H.; Jagathy K.; Sangeetha K.; Balaji T.N.; Sudha P.N.	Evaluation of enhanced treatment of tannery wastewater containing chromium and cadmium by mesoporous alkaliâ€“activated biochar from Ficus religiosa leaves	2026	3		311	326	1	10.1016/j.epm.2026.06.001	https://www.scopus.com/pages/publications/105042109372?origin=resultslist	Scopus
50	Anitha R.; Dasarwar P.; Tamilamuthan R.; Aiswarya R.; Lakshmanan M.; Hole S.R.	ANFIS-Driven Intelligent Control of an Interleaved Bidirectional Converter for Highefficiency V2G/G2V Energy Management	2026					0	10.1109/ICEESI68020.2026.11583185	https://www.scopus.com/pages/publications/105044940130?origin=resultslist	Scopus

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51	Suganthi S.; Kesavan T.; Murugesan M.; Gilda S.J.	Intelligent Rooftop PV-Fed BLDC Motor Drive Using ANFIS-Based MPPT for Smart Electric Vehicles	2026	13	4	33	47	0	10.30501/jree.2026.571546.2761	https://www.scopus.com/pages/publications/105045993536?origin=resultslist	Scopus
52	Hariram V.; Abdulla S.; Srinivasan D.; Sivakumar R.; Chandran S.; Kumar S.S.; Suryavel G.; Jeffrey A.; Sidharth S.	Process Optimisation and Characterisation of Karanja-Neem Biodiesel derived using Egg Shell-CuO-Nano-Bio Catalyst through Base Catalysed Transesterification Technique	2026	18	3	8	2	0	10.4273/ijvss.18.3.13	https://www.scopus.com/pages/publications/105046625380?origin=resultslist	Scopus
53	Shalini M.; Prabakaran T.; Elaiyarasan U.; Madhuvanesan D.M.	Influence of SiC addition in Cu-SiC composite electrodes on surface integrity during EDM of ZE41A magnesium alloy using composite desirability optimization	2026					0	10.1080/10426507.2026.2734154	https://www.scopus.com/pages/publications/105051479691?origin=resultslist	Scopus
54	Chohan J.S.; Sarangi H.; Ali K.S.A.; Pushpanathan G.; Kaliappan S.; Thanikasalam A.; Kumar S.S.	Evaluating hybrid aluminium composites characteristics fabricated by stir rheocasting	2026	247	1			0	10.1007/s10751-026-02731-3	https://www.scopus.com/pages/publications/105047805033?origin=resultslist	Scopus
55	Madhvi; Bhatt A.; Rani P.; Kumar S.S.; Prajna K.B.; Nandal N.; Bhoopathy V.	Collaborative Leadership in Education, Healthcare, and Climate Sectors	2026			65	90	0	10.4018/979-8-3373-6355-4.ch003	https://www.scopus.com/pages/publications/105043510824?origin=resultslist	Scopus
56	Suresh Kumar S.; Sivaraman V.; Allen Jeffrey J.; Barathiraja K.	Influence of addition of banyan short fibers with wheat gluten and polyhydroxy butyrate biopolymer blends on functional characteristics	2026	40	5	3383	3392	0	10.1007/s12206-026-0417-4	https://www.scopus.com/pages/publications/105038281245?origin=resultslist	Scopus

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58	Yugandhar D.; Saravanan L.; Bakhrom A.; Toshpulatovna D.S.; Ashirova A.; Bansal S.	Efficient Prediction of Real vs Fake Face using Transfer Learning and Deep Learning	2026			1790	1794	3	10.1109/ICOECA68095.2026.11485497	https://www.scopus.com/pages/publications/105038089457?origin=resultslist	Scopus
59	Malarkodi K.; Pushpalatha S.; Barathkumar T.; Mosses A.; Naveen G.; Rajeswari R.	Machine Learning-Driven Dynamic Resource Allocation for Sustainable 5G Networks: Optimizing Spectrum Efficiency and Energy Consumption in Smart City Deployments	2026					1	10.1109/QPAIN69676.2026.11546623	https://www.scopus.com/pages/publications/105042690784?origin=resultslist	Scopus
60	Suganthi S.; Jain N.; Tamilamuthan R.; Lakshmi S.V.N.; Lakshmanan M.; Londhe G.; Hole S.R.	A Deep Learning-Based Intelligent Fault Detection Framework for DC and AC Side Faults in PV-Wind Hybrid Microgrids	2026					0	10.1109/ETAACT69135.2026.11542172	https://www.scopus.com/pages/publications/105042165260?origin=resultslist	Scopus
61	Suresh A.; Famitha Begum K.; Bakkialakshmi S.; Muthukumaresan M.; Valarmathi K.; Subburaj P.	Evaluating the Influence of Spiritual Intelligence on Employee Performance in Kerala's It Sector: A Quantitative Analysis	2026			264	267	0	10.1109/GTSS68743.2026.11679730	https://www.scopus.com/pages/publications/105052649262?origin=resultslist	Scopus
62	N G.; Aravindhan K.; Rajeswari P.; Dorairaj M.	Multi-Objective Congestion Aware Self-Adaptable Routing Protocol for IoT Network	2026					0	10.1080/03772063.2026.2698677	https://www.scopus.com/pages/publications/105052267567?origin=resultslist	Scopus
63	Mohankumar P.; Kumar V.D.; Vinodhkumar B.; Hemadri V.B.; Kumar	Enhancing the Performance and Emission Profile of B25 Jatropha Biodiesel in a Diesel Engine Using a	2026	11	1	35	43	1	10.46793/AELETTERS.2026.11.1.4	https://www.scopus.com/pages/publications/105038634414?origi	Scopus

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65	Radhakrishnan P.; Muthukumaresan M.; Visala K.; Kumar B.S.; Ajay V.K.; Mannar B.R.	Blockchain and machine learning for fraud detection in e-commerce transactions	2026			458	461	0	10.1201/9781003773504-77	https://www.scopus.com/pages/publications/105033881083?origin=resultslist	Scopus
66	Lakshmanan M.; Ashtankar N.; Dhanraj J.A.; Sriramkumar R.; Tamilamuthan R.; Hole S.R.	Quantum-Resistant Two-Party Integrity Framework for Secure Cloud Storage of Medical Videos	2026					0	10.1109/ICSFT66733.2026.11507706	https://www.scopus.com/pages/publications/105041616505?origin=resultslist	Scopus
67	Kadarkarai B.; Damodaran S.; Srinivasan S.K.; Rudrakoti S.; John A.J.; Madanagopal C.; Rajasekaran S.; Arishkumar M.	Evaluation of varying properties of Moringa oleifera fiber/polylactic acid biopolymer composites	2026	83	8			0	10.1007/s00289-026-06460-z	https://www.scopus.com/pages/publications/105039482019?origin=resultslist	Scopus
68	Allen Jeffrey J.; Suresh Kumar S.; Krishnamurthy C.; Felix Clament Raj A.; Chandrasekar S.; Elumalai R.	Optimizing tensile strength parameters for 3D printed poly lactic acid	2026	3284	1			0	10.1063/5.0328922	https://www.scopus.com/pages/publications/105046911154?origin=resultslist	Scopus
69	Chohan J.S.; Sarangi H.; Subramanyam R.; Kumar R.N.; Sivakumar B.G.; Kumar S.S.	Effect of fiber length on the mechanical and thermal performance of mesquite bark fiber reinforced epoxy composites	2026	247	1			0	10.1007/s10751-026-02552-4	https://www.scopus.com/pages/publications/105038347792?origin=resultslist	Scopus

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71	Anitha S.; Kapilkrishnan A.B.; Naveenkumar P.; Nagalakshmi S.V.; Selvaraj G.; Gowdhamkumar S.	Multi-Modal Biometric Recognition Smart Access Control System for Doors: An All-Inclusive Security Framework	2026					0	10.1109/ICETEMS66917.2026.11469506	https://www.scopus.com/pages/publications/105038027886?origin=resultslist	Scopus
72	Kumar S.N.; Sheeba G.; Rajeswari R.; Mohandass M.P.; Careline R.; Malarkodi K.	NEV-HybridKAN: A Multi-Objective Energy Optimization and Predictive Maintenance Framework for New Energy Vehicles	2026			466	470	0	10.1109/ICESC70182.2026.11687426	https://www.scopus.com/pages/publications/105052111146?origin=resultslist	Scopus
73	M R.; R S.; R S.	ADAPTIVE AI scheduling of building HVAC to charge phase change thermal batteries with elevator regenerative braking heat	2026	9				4	10.1016/j.meaene.2025.100079	https://www.scopus.com/pages/publications/105043359904?origin=resultslist	Scopus
74	Janaki A.; Chandrasekar L.B.; Karunakaran M.; Kumar T.S.; Anusha M.; Gnaneswari M.D.; Lavanya E.; Sundaram P.S.; Mohandoss S.; Thirumalai J.	Investigation of Structural, Antibacterial, Antioxidant, and Anticancer Properties of Carbon Quantum Dot Supported Co-doped ZnO Nanoparticles	2026	53	1	35	48	0	10.3103/S1068335625603073	https://www.scopus.com/pages/publications/105035359499?origin=resultslist	Scopus
75	Sreedevi S.L.; Kalai Selvi T.; Geetha B.T.; Tamilamuthan R.	A holistic urban development for the electric vehicle charging	2026	154				2	10.1016/j.est.2026.121277	https://www.scopus.com/pages/publications/1050	Scopus

		infrastructure to foster efficient energy distribution and smart transportation networks								34020313?origin=resultslist	
76	Shanmugasundar G.; Rajeswari R.; Shivakumar M.; Alkhayyat A.; Dubey P.; Madan P.; Swarna B.	Enhancing Reliability, Efficiency, and Sustainable Energy Management in Modern Power Systems Using Particle Swarm Optimization (PSO)-Based Smart Grid Applications	2026			701	707	0	10.1109/icSmartGrid70882.2026.11680819	https://www.scopus.com/pages/publications/105053404673?origin=resultslist	Scopus
77	Sangeetha K.; Hole S.R.; Tamilamuthan R.; Aiswarya R.; Lakshmanan M.; Rakesh N.	AGA-Based Global MPPT for PV-EV Charging Networks	2026					0	10.1109/IC3SIS69949.2026.11608293	https://www.scopus.com/pages/publications/105046156948?origin=resultslist	Scopus
78	Lakshmanan M.; Ashtankar N.; Dhanraj J.A.; Sriramkumar R.; Tamilamuthan R.; Hole S.R.	Privacy-Preserving Federated Blockchain with Adaptive Merkle Compression for Cross-Hospital EHR and AI Model Exchange	2026			501	507	0	10.1109/IC3ET64989.2026.11467549	https://www.scopus.com/pages/publications/105037471179?origin=resultslist	Scopus
79	Shanmugasundar G.; Saritha B.; Prakash V.D.; Alkhayyat A.; Hariprasad T.L.; Swarna B.	A Simulation-based Evaluation of Smart Grid Applications for Resilient and Energy-Efficient Power Distribution Networks	2026			727	733	0	10.1109/icSmartGrid70882.2026.11680763	https://www.scopus.com/pages/publications/105053406738?origin=resultslist	Scopus
80	Padma G.; Reddy V.A.R.; Sumithra A.D.K.; Buvaneswari B.; Kumar K.S.S.	Privacy-Preserved Face Recognition Biometric Authentication Using FaceNet and Zero-Knowledge Proofs for Secure, Access Control on Decentralized Blockchain Networks	2026					1	10.1109/ICISCN67954.2026.11566528	https://www.scopus.com/pages/publications/105043717969?origin=resultslist	Scopus
81	Manogaran R.; Rajaram V.; Vilaasini K.P.; Akanni J.O.; Sudarmozhi K.	Heat and mass transfer analysis of Williamson tetra hybrid Cu SiO2 CoFe2O4 MoS2 nanofluid flow over	2026	5	1			0	10.1007/s44245-026-00347-z	https://www.scopus.com/pages/publications/105051178551?origi	Scopus

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82	Ruban M.; Chellapandian S.; Subramanian P.; Geetha C.; Kumar A.; Rajan T.S.	A Compact Smart Battery Management System with Active Balancing and 5G-Based Real-Time Monitoring	2026					0	10.1109/ICIET70550.2026.11712677	https://www.scopus.com/pages/publications/105054104379?origin=resultslist	Scopus
83	Sumana T.; Dahake G.V.; Tamilamuthan R.; Vijayanarayanan A.; Lakshmanan M.; Hole S.R.	Machine Learning-Based Intelligent Energy Management for Hybrid Battery-Super Capacitor Systems	2026					0	10.1109/INSECT68872.2026.11663929	https://www.scopus.com/pages/publications/105051490517?origin=resultslist	Scopus
84	V S.; Pant R.; Vinayagam M.; Ravichandran M.; Kannan S.; Kumar S.S.	Optimized parameter evaluation on friction stir welding of aluminium alloys through response surface methodology	2026	247	1			0	10.1007/s10751-026-02712-6	https://www.scopus.com/pages/publications/105047137294?origin=resultslist	Scopus
85	Mohanavel V.; Varadan A.; Aravindan M.K.; Magibalan S.; Bisht Y.S.; Ravichandran M.	Parametric optimization on WEDM of AA6351 composite through Taguchi	2026	247	1			0	10.1007/s10751-026-02527-5	https://www.scopus.com/pages/publications/105037959743?origin=resultslist	Scopus
86	Manoj Kumar S.; Mahendran G.; Kaliappan K.; Natrayan L.; Mohamed Abbas S.	Fabrication and Performance Assessment of Hot Water Conditioned Epoxy Composites Reinforced With Modified Mango Peel Nanofibers and Jackfruit Peel Powder	2026	18	2	751	763	0	10.1007/s12633-025-03566-3	https://www.scopus.com/pages/publications/105024325377?origin=resultslist	Scopus
87	Pavan Kumar Reddy Y.; Shankar K.; Sunanda Y.; Ravi Kishore M.; Mohan K.R.	IOT Based Smart Home Using Alexa	2026	1466 LNEE		800	805	0	10.1007/978-981-95-0269-1_91	https://www.scopus.com/pages/publications/105023273571?origin=resultslist	Scopus
88	Aiswarya R.; Sirapangi M.; Tamilamuthan R.; Mageswari P.;	A Predictive LSTM-Based Renewable Power Forecasting Framework for Enhanced Microgrid	2026					0	10.1109/ICEESI68020.2026.11583016	https://www.scopus.com/pages/publications/105044970386?origi	Scopus

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	Lakshmanan M.; Hole S.R.	Stability and Converter Stress Reduction								n=resultslist	
89	Reddy R.M.; Sharma A.; Ravi S.; Mohanavel V.; Raja T.; Soudagar M.E.M.; Kumar S.S.; Obaid S.A.; Alahmadi T.A.	Examinations on hybrid AA7068 composites synthesized through stir casting route	2026	40	3	1709	1715	1	10.1007/s12206-026-0214-0	https://www.scopus.com/pages/publications/105033444483?origin=resultslist	Scopus
90	Dhanraj J.A.; Londhe G.; Sriramkumar R.; Lakshmanan M.; Tamilamuthan R.; Hole S.R.	Transformer-Driven Hybrid Training Framework for Robust ICU Mortality and Sepsis Prediction with Privacy Risk Reduction using MIMIC-IV v3.1	2026					0	10.1109/ETFI68128.2026.11484697	https://www.scopus.com/pages/publications/105040723703?origin=resultslist	Scopus
91	Balaji D.; Skaria M.P.; Sreyas K.; Kumar S.S.; Zahid A.; Hariram V.	Valorisation of Municipal Waste Plastics into Fuel-Grade Oil: A Characterisation Study with Environmental Implications	2026	18	3	436	443	0	10.4273/ijvss.18.3.12	https://www.scopus.com/pages/publications/105046635435?origin=resultslist	Scopus
92	Abhilash V.; Lakshmikhanth R.S.; Vignesh A.R.; Kumar S.S.	Process Optimization and Microstructural Characteristics Correlation in Brass Tube Fabrication by Friction Stir Back Extrusion	2026	35	26	26320	26332	0	10.1007/s11665-026-13564-0	https://www.scopus.com/pages/publications/105031957827?origin=resultslist	Scopus
93	Thavasilingam K.; Magesh B.; Raja K.; Yuvaraj S.; Palanivel E.S.; Meenatchisundaram P.	Biomimetic Optimization of Battery Thermal Management Systems through Interpretable Machine Learning and CFD Analysis	2026	13	1	7374	7394	0	10.29294/IJASE.13.1.2026.7374-7394	https://www.scopus.com/pages/publications/105051737970?origin=resultslist	Scopus
94	Chellaprabha B.; Manohari D.; Justus J.J.	Scalable and Secure IoT Architecture Using Trust-Driven Adaptive Resource Management and Edge Intelligence	2026	1823 LNNS		444	461	0	10.1007/978-3-032-20114-0_40	https://www.scopus.com/pages/publications/105043598123?origin=resultslist	Scopus

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95	Lakshmanan M.; Londhe G.; Dhanraj J.A.; Sriramkumar R.; Tamilamuthan R.; Hole S.R.	Quantum-Inspired Multi-Objective Reinforcement Learning for Secure and Energy-Efficient 6G Healthcare IoT Networks	2026					0	10.1109/ICASS69550.2026.11547436	https://www.scopus.com/pages/publications/105042965852?origin=resultslist	Scopus
96	Rajagopal M.; Stephena E.; Priya S.V.; Manigandan A.; Jeffrey A.; Anilkumar; Kumar S.	Hybrid Nanofluid-based Thermal Energy Storage for Next-generation Concentrated Solar Power System	2026	15	1	392	404	1	10.13074/jent.2026.03.2541966	https://www.scopus.com/pages/publications/105034993088?origin=resultslist	Scopus
97	Mageswari P.; Vadduri M.; Tamilamuthan R.; Aiswarya R.; Lakshmanan M.; Hole S.R.	Machine Learning-Assisted Adaptive Sliding Mode Controller for DC-Link Voltage Stability in EV-Based DC Microgrids	2026					0	10.1109/ICEESI68020.2026.11583521	https://www.scopus.com/pages/publications/105044829667?origin=resultslist	Scopus
98	Rajagopal M.; Shashank R.; Shreeshanth R.	Digital twin driven energy yield forecasting of staircase based compressed air generators	2026	11				0	10.1016/j.meaene.2026.100111	https://www.scopus.com/pages/publications/105045088621?origin=resultslist	Scopus
99	Dhanraj J.A.; Londhe G.; Sriramkumar R.; Lakshmanan M.; Tamilamuthan R.; Hole S.R.	Fault Diagnosis of Servo Motor Using Graph Neural Networks and Digital Twin Enhanced Reinforcement Learning	2026					1	10.1109/ETFI68128.2026.11484917	https://www.scopus.com/pages/publications/105040716511?origin=resultslist	Scopus
100	Aiswarya R.; Ajay V.B.N.; Tamilamuthan R.; Sridevi T.; Lakshmanan M.; Hole S.R.	AI-Enhanced Hybrid Fuzzy-PI Controller for Robust DC-Link Stabilization in Solar-Powered EV Fast-Charging Systems	2026					0	10.1109/ICEESI68020.2026.11583403	https://www.scopus.com/pages/publications/105044823447?origin=resultslist	Scopus
101	Tamilamuthan R.; Aiswarya R.; Anitha R.; Dinakar Raj S.; Geetha B.T.; Lakshmanan M.	Design and Implementation of a Two-Stage P&O MPPT with CC/CV Controlled Boost Converter for Efficient Electric Vehicle Battery Charging	2025			188	194	0	10.1109/ICICNIS66685.2025.11315792	https://www.scopus.com/pages/publications/105032744486?origin=resultslist	Scopus

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102	Rani A.J.M.; Vijayanarayanan A.; Karthiga R.; Nisha M.; Nagpal A.; Hemalatha R.	Employ Blockchain to Boost Cloud Computing Cybersecurity: Product Data Integrity and Appropriate Access with Smart Contract Regulations	2025					0	10.1109/ICTBIG68706.2025.11323968	https://www.scopus.com/pages/publications/105032851746?origin=resultslist	Scopus
103	Sundher S.; Dharmakkan A.; Arunachalam G.; Mohanakrishnan V.; Sekar M.	Implementation of Acyclic Matching in Aerospace Technology for Honeycomb-Designed Satellite Constellations	2025	13	20			0	10.3390/math13203280	https://www.scopus.com/pages/publications/105020047887?origin=resultslist	Scopus
104	Tamiloli N.; Venkatesan J.; Kumar T.S.	Mechanical, Corrosion, and Tribological Properties of Coated Milling Inserts	2025	34	8	6765	6779	2	10.1007/s11665-024-09645-7	https://www.scopus.com/pages/publications/85195412083?origin=resultslist	Scopus
105	Thangam N.; Lavanya V.; Suriya S.	Comparative Studies on Photo-Degradation of Landfill Leachate Using TiO2 Doped Fe2O3 and Cu	2025	49	3	3101	3115	3	10.1007/s40996-024-01577-5	https://www.scopus.com/pages/publications/85202599765?origin=resultslist	Scopus
106	Mahalakshmi G.; Sumathi G.; Kennedy R.P.; Sivasankari K.; Elango S.	AI-Enhanced Wearable Electronics and IoT Sensors for Industrial, Biomedical, Consumer Applications	2025			340	350	1	10.1201/9781003651772-30	https://www.scopus.com/pages/publications/105027062108?origin=resultslist	Scopus
107	Sugapriya C.; Lakshmi V.; Nagarajan D.; Karthick S.; Saranyaa P.	Synergy fuzzy profit for the inventory system of health care under inspection and disposal in the medical plant	2025	16	6	2025	2041	1	10.1007/s13198-025-02816-2	https://www.scopus.com/pages/publications/105005468374?origin=resultslist	Scopus
108	Jeyaraj A.; Sreedevi S.L.; Baskar M.; Vijayalakshmi R.; Sushita K.; Nagarajan A.	Advanced MPPT Technique with High-Gain Modified SEPIC Converter for Solar Powered PMSM Motor Fed Electric Vehicle	2025					0	10.1109/ETCOM66606.2025.11436379	https://www.scopus.com/pages/publications/105037371407?origin=resultslist	Scopus
109	Ramya N.; Tamilamuthan R.; Rashmanlou H.;	Holographic and Thermodynamic Topological Perspectives	2025	6	1	98	125	5	10.22128/jhap.2025.3126.1156	https://www.scopus.com/pages/publications/1050	Scopus

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	Mofidnakhaei F.	on AdS Einsteinâ€“Powerâ€“Yangâ€“Mills Black Holes with Generalized Entropy								27803259?origin=resultslist	
110	Tamilamuthan R.; Suganthi S.; Raj S.D.; Sabareeshwaran M.	Enhanced V2G and G2V Operation using Fuzzy Logic Controller and EMI Filtering in EV Chargers	2025			1498	1506	24	10.1109/ICICV64824.2025.11085991	https://www.scopus.com/pages/publications/105013073020?origin=resultslist	Scopus
111	Suganya S.; Banupriya B.K.; Vadivu N.; Babu J.J.; Shankar T.A.S.; Krishnamoorthy R.	Multi-Resolution Transformer-Augmented EfficientNet for Explainable Breast Cancer Histopathology Analysis	2025			1395	1403	0	10.1109/ICOIICS67115.2025.11390252	https://www.scopus.com/pages/publications/105036697508?origin=resultslist	Scopus
112	Babiyola A.; Rajendiran M.; Ravi Kumar V.; Dineshkumar R.	Ensuring privacy in e-healthcare: secured wireless sensor networks for enhanced data protection	2025	48	5	625	640	2	10.1080/02533839.2025.2486352	https://www.scopus.com/pages/publications/105002727651?origin=resultslist	Scopus
113	Tamilamuthan R.; Sindhuja A.; Nagaraj P.; Navaprakash N.; Geetha B.T.; Lakshmanan M.	Self-Adaptive Fuzzy Logic Controlled Buck- Boost Converter for Efficient EV Battery Charging	2025			124	129	0	10.1109/ICICNIS66685.2025.11315662	https://www.scopus.com/pages/publications/105032720041?origin=resultslist	Scopus
114	Shankar K.; Rajmohan K.; Rajeswari R.; Sunanda Y.; Gnanamurugan S.; Reddy Y.P.K.	A Hybrid Trust-Aware Protocol Integrating LSTM and Griffon Vultures Optimization with Leach for Enhanced WSN Lifetime	2025			1109	1114	0	10.1109/ICAAIC64647.2025.11330394	https://www.scopus.com/pages/publications/105034857432?origin=resultslist	Scopus
115	Kumar A.; Barathiraja K.; Senthil R.; Stephena E.; Jeffrey J.A.; Kumar V.D.; Kumar S.S.	Effect of Nano-SiO2 on the Mechanical Properties of AA6061 Stir-cast Composites	2025	14	4	113	119	1	10.13074/jent.2025.12.2541910	https://www.scopus.com/pages/publications/105027658111?origin=resultslist	Scopus
116	Balaji V.; Sreedevi S.L.; Baladhandapani R.; Rayaguru N.K.; Prasad R.; Nagarajan	Advanced SEPIC Converter and Fuzzy Logic Approach for RES Integration in Resilient	2025			275	280	0	10.1109/DICCT64131.2025.10986744	https://www.scopus.com/pages/publications/105006619554?origi	Scopus

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117	Kumar R.P.; Sriram D.; Rajan Vr.; Chanakyan C.; Raj R A.; Manjunath H.S.; Prakash J.; Kumar S S.; Ramkumar P.	Cable Stiffness Characterization for a single layered cable sheave contact through mathematical model	2025	336				0	10.1051/epjconf/202533601004	https://www.scopus.com/pages/publications/105019670268?origin=resultslist	Scopus
118	Tamilamuthan R.; Shobana S.; Kotteswari K.; Suresh Kumar V.; Geetha B.T.; Lakshmanan M.	Edge-Intelligent Block Chain Framework for Federated Privacy-Preserving Medical Diagnostics	2025			162	167	0	10.1109/IC2NC67409.2025.11376420	https://www.scopus.com/pages/publications/105035620298?origin=resultslist	Scopus
119	Allen Jeffrey J.; Sivaraman V.; Suresh Kumar S.; Srinivasan D.; Joshika S.; Nithish J.; Yuvaraj R.; Lokesh T.	Evaluating the Material Performance of AZ91 Reinforced with 3 wt. % of Nano SiC and Micro B4C Through Stir Casting	2025	14	3	371	378	1	10.13074/jent.2025.09.2531601	https://www.scopus.com/pages/publications/105018848664?origin=resultslist	Scopus
120	Tamilamuthan R.; Raji J.; Sreedevi S.L.; Sabareeshwaran M.; Rajeswari R.; Kanthimathi R.	Perturb and Observation Algorithm Using Solar MPPT Charger Controller for Electric Vehicle	2025					2	10.1109/ICITEICS64870.2025.11341520	https://www.scopus.com/pages/publications/105033217668?origin=resultslist	Scopus
121	Vinitha J.C.; Sumithra J.; Suganya M.J.; Aileen Sonia Dhas P.; Ramalingam B.; Pushparaj S.	Predictive machine learning for smart grid demand response and efficiency optimization	2025	16	3	1628	1636	1	10.11591/ijpeds.v16.i3.pp1628-1636	https://www.scopus.com/pages/publications/105015361975?origin=resultslist	Scopus
122	Gunasekaran G.; James Durai D.R.; Thimmarajampettai N.B.; Ansar A.Z.A.; Anantharaman R.; Narayanan S.P.	Carboxymethyl Cellulose, Functionalized Graphene Oxide based Ternary Composite for the Removal of Heavy Metal Lead (II): Batch and Column Studies	2025	29	9	86	110	0	10.25303/299rjce0860110	https://www.scopus.com/pages/publications/105012969497?origin=resultslist	Scopus

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123	Aiswarya R.; Srinivasan S.; Sridevi T.; Tamilamuthan R.; Pandyselvi B.; Anitha R.	Adaptive Perturb and Observe MPPT with Boost Converter for Efficient Photovoltaic-Based Electric Vehicle Charging	2025			1708	1713	1	10.1109/AISummit66170.2025.11411634	https://www.scopus.com/pages/publications/105035293805?origin=resultslist	Scopus
124	Sabin Begum R.; Mohamed Anwar A.; Anu Priya S.	A Health-Based Deep Learning System for Rapid and Precise Detection of Acute Lymphoblastic Leukemia	2025	14	4	87	94	0	10.52783/jns.v14.1746	https://www.scopus.com/pages/publications/85218777915?origin=resultslist	Scopus
125	Nath S.S.; Dineshkumar R.; Prasad K.D.V.; Gupta D.; Jangir P.; Kiruba S.	Computational approaches to optimize polymerization and curing in low-temperature thermosetting composites for enhanced additive manufacturing efficiency	2025	58				11	10.1016/j.tsep.2025.103223	https://www.scopus.com/pages/publications/85215096222?origin=resultslist	Scopus
126	Purushothaman S.; Heeravathi S.; Arulvendhan K.; Gohul M.; Saravanan G.	Coating Performance Prediction using a Modified Spin Coater and the Taguchi Technique for Solar Cells	2025	18	1	95	107	2	10.2174/0123520965267900231127100341	https://www.scopus.com/pages/publications/85219158397?origin=resultslist	Scopus
127	Bhosale N.; Khamruddin M.; Rizwan S.M.; Sampath P.; Sathiyamoorthy C.; Tomar S.K.S.	Intelligent Transportation System for Accident Prevention and Detection based on SVM-DNN Approach	2025					4	10.1109/ICDSIS65355.2025.11070362	https://www.scopus.com/pages/publications/105011819968?origin=resultslist	Scopus
128	Obalalu A.M.; Isarinade A.F.; Khan U.; Alsawah G.A.; Thiyagarajan P.	Electroosmotic flow of Jeffrey ternary hybrid nanofluids in convergingâ€“diverging ciliary microvessels	2025	15	1			13	10.1038/s41598-025-19044-0	https://www.scopus.com/pages/publications/105018288077?origin=resultslist	Scopus
129	Prasanna S.C.; Balakrishnan M.; Abbas S.M.; Ramesh G.	Characterization of basalt/bamboo fiber reinforced sea urchin testa derived chitin-toughened epoxy composite	2025	61	5	2049	2059	4	10.1007/s41779-025-01226-8	https://www.scopus.com/pages/publications/105008581302?origin=resultslist	Scopus

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130	Hussain T.; Palli A.T.; Kumar R.; Kumar S.S.; Sehra I.; Mehra A.	Integration of Brain-Computer Interfaces and IoT for Advancing Communication and Control in Individuals with Disabilities	2025			244	249	0	10.1109/AECE67531.2025.11386534	https://www.scopus.com/pages/publications/105035159813?origin=resultslist	Scopus
131	Rajeswari R.; Hajira Be A.B.; Gayathri K.; Muthukumar B.; Rajasekaran A.; Arumugam D.	A Data-Driven Investigation into Hidden Symptoms within Clinical Silence	2025			1583	1589	0	10.1109/ICSCSS64956.2025.11500971	https://www.scopus.com/pages/publications/105041074840?origin=resultslist	Scopus
132	Saffren S.; Angel D.; Govindarajan A.; Kavitha; Vidhya M.	AN ALGORITHMIC FRAMEWORK FOR OPTIMIZING ACYCLIC MATCHING IN CORONA GRAPHS	2025	43	6	1837	1854	0	10.14317/jami.2025.1837	https://www.scopus.com/pages/publications/105025661143?origin=resultslist	Scopus
133	T.K N.; Vadivel G.S.; Parvez Y.A.; Magesh B.; Kumar T.C.A.; Ravikumar S.	Progress in the Development of Additive Manufacturing Techniques for Infrastructure Engineering	2025	19	1			1	10.2174/0118722121259662310100092500	https://www.scopus.com/pages/publications/105002035343?origin=resultslist	Scopus
134	Sriramkumar R.; Naga Subramanian G.; Tamilamuthan R.; Suresh Kumar V.; Geetha B.T.; Lakshmanan M.	AI-Powered Portable Kit for Early Detection of Lung and Chest Diseases in Rural Areas	2025			175	180	3	10.1109/ICICNIS66685.2025.11315773	https://www.scopus.com/pages/publications/105032728290?origin=resultslist	Scopus
135	Sreedevi S.L.; Kavin K.S.; Gomathi V.; Ramraj B.; Jothippriya N.; Mishra D.	A Hybrid Approach for Efficient EV Charging: Honey Badger Algorithm-Optimized ANN for Harmonic Mitigation in Solar PV and Grid-Connected Systems	2025					0	10.1109/ETCOM66606.2025.11436336	https://www.scopus.com/pages/publications/105037416006?origin=resultslist	Scopus
136	Lakshmanan M.; Vegi Fernando A.; Godhandaraman T.; Tamilamuthan R.; Sriramkumar R.;	Nanosatellite and IoT-Enabled Climate-NDVI Data Fusion for Accurate Wheat Yield Prediction	2025			290	296	5	10.1109/ICCES67310.2025.11336986	https://www.scopus.com/pages/publications/105033528244?origin=resultslist	Scopus

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137	Kotteswari K.; Dhanaraj R.K.; Balusamy B.; Nayyar A.; Sharma A.K.	EELB: an energy-efficient load balancing model for cloud environment using Markov decision process	2025	107	3			14	10.1007/s00607-025-01439-6	https://www.scopus.com/pages/publications/86000012355?origin=resultslist	Scopus
138	Tamilamuthan R.; Kumar K.; Rakshita R.; Dinakar Raj S.; Geetha B.T.; Lakshmanan M.	A Novel Two-Stage MPPT and CC-CV Control Strategy for Efficient Solar-Powered Electric Vehicle Battery Charging Using Buck Converter	2025					0	10.1109/EDCT65302.2025.11496285	https://www.scopus.com/pages/publications/105040695211?origin=resultslist	Scopus
139	Thangam T.; Annapoorani P.; Sreedevi S.L.; Anbarasu L.; Padmashini R.K.; Sathya S.	Advanced Harmonic Mitigation in PV-Driven Grid through ANN-Controlled Universal Active Power Filter and Modified SEPIC Converter	2025			1438	1443	0	10.1109/ICCPCT65132.2025.11176766	https://www.scopus.com/pages/publications/105020181644?origin=resultslist	Scopus
140	Srinivasa R.R.; Chandra N.S.; Sharma N.; Kumar S.S.; Himanshu; Sharma M.	An Empirical Study on Diverse Computational Learning Approaches for Heart Disease Prediction	2025			169	173	0	10.1109/AECE67531.2025.11386613	https://www.scopus.com/pages/publications/105035181141?origin=resultslist	Scopus
141	Lakshmi S.; Srinivasan S.; Tamilamuthan R.; Sreedevi S.L.; Pandyselvi B.; Antonycharles A.	Smart EV Charging Architecture using Predictive Machine Learning and Hybrid Renewable Energy Integration	2025					19	10.1109/ICICNCT66124.2025.11233048	https://www.scopus.com/pages/publications/105030469675?origin=resultslist	Scopus
142	Tamilamuthan R.; Sridevi T.; Murugan P.; Navaprakash N.; Geetha B.T.; Lakshmanan M.	Embedded C-based Adaptive MPPT Controller with Boost Converter for High-Efficiency Solar-Powered Electric Vehicle Charging Applications	2025			181	187	1	10.1109/ICICNIS66685.2025.11315687	https://www.scopus.com/pages/publications/105032736396?origin=resultslist	Scopus

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143	Sujith M.; Kumar M.G.; Basha S.R.; Padma S.; KavinPrasath T.S.; Dhilip Kumar P.	An Improved Power Management Solutions for DC Microgrids Featuring Electric Vehicle Fast Charging Stations	2025					0	10.1109/ICONSTEM65670.2025.11374550	https://www.scopus.com/pages/publications/105034483806?origin=resultslist	Scopus
144	Veeramuthu A.; Dinesh M.; Jayamani K.; Saravanan L.; Giri J.; Al Sherideh A.	Energy Harvesting and Smart Wireless Home Automation System using Internet of Things based Applications	2025			575	580	0	10.1109/ICEARS64219.2025.10941499	https://www.scopus.com/pages/publications/105002731253?origin=resultslist	Scopus
145	Gopinath D.; Karthigayan I.S.; Meharajbegum A.; Chandrasekar L.B.; Thirumalai J.; Manoharadas S.; Mohandoss S.; Palanisamy S.; Sundaram P.S.; Ahamed S.R.; Rajendran S.	Structural, optical and dielectric properties of transition metal doped ZnO nanoparticles and its enhanced electrochemical properties: role of atomic number of the dopant	2025	131	10			3	10.1007/s00339-025-08870-8	https://www.scopus.com/pages/publications/105016562604?origin=resultslist	Scopus
146	Rajesh A.; DineshKumar R.; Shanmugam S.; Cho J.; Easwaramoorthy S.V.	Enhancing security in social computing systems through knowledge learning techniques	2025	30				0	10.1016/j.eij.2025.100675	https://www.scopus.com/pages/publications/105001962973?origin=resultslist	Scopus
147	Shankar K.; Mohan K.R.; Gnanamurugan S.; Begum S.F.; Prasad M.M.; Reddy Y.P.K.	IoT Based Delivery Robot with Theft Detection for Food and Goods Supply	2025	619				0	10.1051/e3sconf/202561903018	https://www.scopus.com/pages/publications/105000829893?origin=resultslist	Scopus
148	Dinesh Kumar V.; Hemadri B.V.; Sugumaran C.; Vinodhkumar B.; Kumar S.S.	Synergistic Effect of Al2O3 Nanoparticles on the Performance and Emission Characteristics of an Optimum B25 Biodiesel Blend in a Diesel Engine	2025	14	4	143	152	0	10.13074/jent.2025.12.2541879	https://www.scopus.com/pages/publications/105027655213?origin=resultslist	Scopus

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149	Kanimozhi S.; Rajeswari R.; Sangeetha S.; Gopika N.P.; Pankiraj J.B.; Kavitha G.	Attention-Based Recurrent Neural Network for Accurate Detection of Gastrointestinal Diseases	2025					1	10.1109/GINOTECH63460.2025.11076713	https://www.scopus.com/pages/publications/105013623976?origin=resultslist	Scopus
150	Lita Pansy D.; Vidhya V.; Noble Lourdhu Raj S.R.; Dilipkumar E.; Malathi P.; Kalaivanan T.	Toledic: Tomato Leaf Disease Classification Lite	2025					4	10.1109/ICDSAAI65575.2025.11011837	https://www.scopus.com/pages/publications/105007977702?origin=resultslist	Scopus
151	Tamilamuthan R.; Rajeswari R.; Ruby Vincy Roy F.; Sabareeshwaran M.; Elavarasi R.; Raj S.D.	Improved Perturb and Observe MPPT with NCC Stable Solar PV output under Dynamic Irradiance	2025					2	10.1109/ICITEICS64870.2025.11341687	https://www.scopus.com/pages/publications/105033229123?origin=resultslist	Scopus
152	Sreedevi S.L.; Ramani G.; Parvathi Sangeetha B.; Rishikesh N.; Vasumathi G.; Janaki N.	Sandcat Optimized ANN-LSTM Framework for Advanced Fault Detection in Electric Vehicle Drive Motor	2025					0	10.1109/ETCOM66606.2025.11436615	https://www.scopus.com/pages/publications/105037423085?origin=resultslist	Scopus
153	Mahendran R.K.; Franklin I.R.; Divya S.V.S.; Sadhana S.	MORA-Net: Multi-Organ Relational Attention Network for Abdominal Organs Segmentation from MRI images	2025					0	10.1109/ICERCS65898.2025.11580473	https://www.scopus.com/pages/publications/105044567199?origin=resultslist	Scopus
154	Niranjana S.; Apurva G.L.; Nambi P.A.; Padma S.; Priyadharshini S.; Sounthararasu V.	Advanced Bidirectional DC/DC Converter Design with Dual-Battery Integration in Hybrid Electric Vehicles	2025					0	10.1109/ICONSTEM65670.2025.11374752	https://www.scopus.com/pages/publications/105034476176?origin=resultslist	Scopus
155	Mahendran R.K.; Franklin I.R.; Divya S.V.S.; Sadhana S.	FT-Lung: Frequency-Temporal Attention with Adaptive Multi-Scale Framework for Lung Sound Classification and Recognition	2025					0	10.1109/ICERCS65898.2025.11580728	https://www.scopus.com/pages/publications/105044565562?origin=resultslist	Scopus
156	Dwibedi R.K.; Kumar V.S.; Rajmohan K.; Bhavani A.D.;	Hybrid Optimization Algorithms for Dynamic and Static Power Reduction	2024					3	10.1109/ICACCM61117.2024.110591	https://www.scopus.com/pages/publications/1050	Scopus

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	Murugesan S.; Tiwari M.	in Low-Power VLSI Circuits							87	11256065?origin=resultslist	
157	Dileep P.; Durairaj M.; Subudhi S.; Rao V.V.R.M.; Jayanthi J.; Suganthi D.	AI-driven drowned-detection system for rapid coastal rescue operations	2024	32	2	143	150	7	10.1007/s41324-023-00549-7	https://www.scopus.com/pages/publications/85171290415?origin=resultslist	Scopus
158	Pradeep Kumar C.; Anandhi L.; Kumar D.M.	Study on Flexural Behavior of Reinforced Concrete with Polypropylene and Crimped Steel Fibers	2024	415 SPP		113	123	0	10.1007/978-3-031-69966-5_11	https://www.scopus.com/pages/publications/85211239313?origin=resultslist	Scopus
159	Purushothaman S.; Senthamarai H.; Prasanna M.J.; Pillai S.R.; Dhanush M.	Soft Switching Technique in a Modified SEPIC Converter with MPPT using Cuckoo Search Algorithm	2024	17	9	896	907	3	10.2174/0123520965263412231031060225	https://www.scopus.com/pages/publications/85204964178?origin=resultslist	Scopus
160	Giriswamy B.G.; Tamiloli N.	A REVIEW OF DESIGN PARAMETERS AND FABRICATION PROCESSES ON A WIND TURBINE	2024	22	2	5	12	1		https://www.scopus.com/pages/publications/85201508944?origin=resultslist	Scopus
161	Zhu C.; Prasad M.; Javeed Siddique M.; Ahsan M.; Margabandu S.; Al-Bahrani M.; Mohammed Saeed A.; Selvaraj R.; Sivakumar J.; Yvaz A.	Buckling and dynamic behavior of uniform and tapered woven carbon/jute fiber reinforced polyester hybrid composite beams	2024	31	22	5425	5436	16	10.1080/15376494.2023.2215837	https://www.scopus.com/pages/publications/85161515573?origin=resultslist	Scopus
162	Penthala T.; Kavin K.S.; Faizal A.A.M.; Sekar R.M.; Sreedevi S.L.; Sengottaian S.	Efficient Power Extraction in Off-Grid Photovoltaic Systems with Landsman Converter: An Adaptive Fuzzy Control Approach	2024			1445	1450	0	10.1109/ICCPCT61902.2024.10672708	https://www.scopus.com/pages/publications/85205565683?origin=resultslist	Scopus
163	Thiyagarajan S.; Kumar K.; Renuka S.	Spectrum sharing optimization based on joint user cluster pairing scheme	2024	15	9	4527	4539	4	10.1007/s13198-024-02469-7	https://www.scopus.com/pages/publications/8520	Scopus

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		in CRN-NOMA systems								1289405?origin=resultslist	
164	Bharathi G.P.; Yamunaa P.; Farook S.; Varshney N.; Poornashri M.R.; Kumar M.J.	Value Chain in the Recycling of Photovoltaic Modules	2024					1	10.1109/ICONSTEM60960.2024.10568791	https://www.scopus.com/pages/publications/85198829574?origin=resultslist	Scopus
165	Vimala P.; Deepa K.; Agrawal A.; Raj S.S.; Premalatha S.; V.Mohanavel; Ali M.	Hybrid nanofabrication of AZ91D alloy-SiC-CNT and Optimize the drill machinability characteristics by ANOVA route	2024	56	4			2	10.1007/s11082-023-06121-9	https://www.scopus.com/pages/publications/85183625462?origin=resultslist	Scopus
166	Yamunaa P.; Muthumari P.; Parasuraman S.; Chithambaram V.	Microwave treated dye from seeds of Syzygium cumini for the photogeneration of charge carriers and consistency of the fabricated dye sensitized solar cell	2024	151				4	10.1016/j.optmat.2024.115379	https://www.scopus.com/pages/publications/85190498801?origin=resultslist	Scopus
167	Malarkodi K.; Janakiraman V.; Sheela D.; Carmel Mary Belinda M.J.; Balaji V.; Rajeswari R.	Energy-Efficient Optimization Using WSN Framework for Enhanced Smart Agriculture	2024			653	660	7	10.1109/ICCES63552.2024.10859648	https://www.scopus.com/pages/publications/85218421610?origin=resultslist	Scopus
168	Sudha I.; Arunprasath R.; Rajeswari R.; Ramesh P.S.; Saud A.M.; Hameed H.	The Comparative Analysis among RF,MLP and LWL Methods in Forecasting uses	2024			59	63	0	10.1109/ICACITE60783.2024.10617262	https://www.scopus.com/pages/publications/85201830266?origin=resultslist	Scopus
169	Tamiloli N.; Ravichandran R.; Kalitchin Z.; Venkatesan J.; Kumar T.S.; Elangovan K.	PROCESS PARAMETER OPTIMIZATION FOR FRICTION STIR WELDING OF AA6061T6 ALLOY USING ARTIFICIAL NEURAL NETWORKS	2024	30	4	521	532	1		https://www.scopus.com/pages/publications/85205281367?origin=resultslist	Scopus

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170	Balaji T.N.; Venkatesh K.S.; Devanesan S.; AlSalhi M.S.; Vijayalakshmi K.; Prasad P.S.; Sudha P.N.; Sheriff A.K.S.I.	Removal of Pb (II) ions using chitosan oligosaccharide/carboxymethyl starch blend crosslinked with glutaraldehyde: a study on batch adsorption	2024	81	17	15727	15756	6	10.1007/s00289-024-05442-3	https://www.scopus.com/pages/publications/85200041663?origin=resultslist	Scopus
171	Thangam N.; Suriya S.	Effect of biomass waste Limonia acidissima biochar on eco-friendly photocatalysis leachate water treatment system: an experimental investigation	2024	14	9	10689	10697	4	10.1007/s13399-023-04643-6	https://www.scopus.com/pages/publications/85165589435?origin=resultslist	Scopus
172	Aruna Jasmine J.; Heltin Genitha C.	Deep convolutional neural networks with Bee Collecting Pollen Algorithm (BCPA)-based landslide data balancing and spatial prediction	2024	46	1	597	617	3	10.3233/JIFS-234924	https://www.scopus.com/pages/publications/85182600486?origin=resultslist	Scopus
173	Sathiyaseelan M.; Kunhikrishnan L.; Rosy P.J.; Sivashanmugam G.; Preethi B.	Synthesis of 1D nanorod and 2D nanoflake mixed structures of nickel cobaltite: an efficient diffusion-controlled electrode material for asymmetric supercapacitor application	2024	130	4			7	10.1007/s00339-024-07439-1	https://www.scopus.com/pages/publications/85189074491?origin=resultslist	Scopus
174	Leon M.L.; Samuel R.; Ahammad S.H.; Meenakshisundaram R.P.; Hossain M.A.; Rashed A.N.Z.	Conventional arrayed waveguide grating (CAWG) devices for high stability and low insertion loss in near infrared wavelength band	2024	45		s1549	s1563	1	10.1515/joc-2023-0022	https://www.scopus.com/pages/publications/85151856692?origin=resultslist	Scopus
175	Rashed A.N.Z.; Kumar R.P.; Gopinathan C.; Rajendran R.; Ahammad S.H.; Hossain M.A.	Integrated optics based on electro optic modulators for long distance links and high bit rate communication	2024	45		s1461	s1470	2	10.1515/joc-2023-0013	https://www.scopus.com/pages/publications/85151524439?origin=resultslist	Scopus

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176	Aishwarya K.P.; Sowmiya Priya V.; Suthan R.; Deboral C.C.; Tanusri S.; Sahana K.V.	A Deep Learning Strategy for Abnormal Object Detection by YOLOv8 Model	2024					3	10.1109/ICPECTS62210.2024.10780243	https://www.scopus.com/pages/publications/85215536149?origin=resultslist	Scopus
177	Suberiya Begum S.; Fatima N.S.; Abbas M.	Enhancing Stock Market Prediction with an LSTM-Attention Model Integrating Macroeconomic and Sentiment Features	2024					9	10.1109/ICSES63760.2024.10910478	https://www.scopus.com/pages/publications/105001412288?origin=resultslist	Scopus
178	Ramasamy V.; Durairaj M.; Ahmed S.A.; Raja A.W.; Aeron A.; Muthukumar B.	Analysis of unmanned aerial vehicle communication performance with optic sensor integration	2024	33				2	10.1016/j.measen.2024.101183	https://www.scopus.com/pages/publications/105005986670?origin=resultslist	Scopus
179	Thiyagarajan S.; Kumar K.; Renuka S.	Performance estimation of joint user cluster pairing for 2-SUs CR-multi-user NOMA downlink system	2024	16	2	921	927	4	10.1007/s41870-023-01672-2	https://www.scopus.com/pages/publications/85181204562?origin=resultslist	Scopus
180	Jegajothi B.; Arumugam S.; Shukla N.K.; Kathir I.; Yamunaa P.; Digra M.	An Efficient MPPT Tracking in Solar PV System with Smart Grid Enhancement Using CMCMAC Protocol	2023	47	2	2417	2437	7	10.32604/csse.2023.038074	https://www.scopus.com/pages/publications/85169668891?origin=resultslist	Scopus
181	Magesh B.; Sathish Kumar V.; Raghunath P.N.; Suguna K.	Structural performance of Nano alumina-based RC element with polypropylene fibre and GGBS: An experimental assessment	2023	57				3	10.1016/j.seta.2023.103290	https://www.scopus.com/pages/publications/85160518394?origin=resultslist	Scopus
182	Prabu A.S.; Chithambaram V.; Shanmugan S.; Cavaliere P.; Gorjian S.; Aissa A.; Mourad A.; Pardhasaradhi P.; Muthucumaraswamy R.; Essa F.A.E.; Elsheikh A.H.	The performance enhancement of solar cooker integrated with photovoltaic module and evacuated tubes using ZnO/Acalypha Indica leaf extract: response surface study analysis	2023	30	6	15082	15101	13	10.1007/s11356-022-23126-1	https://www.scopus.com/pages/publications/85139131545?origin=resultslist	Scopus

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183	Niranjana S.; Chandra I.; Charulatha G.; Leopauline S.; Prathima C.; Geetha T.	A Novel Orientation Approach in Artificial Intelligence for Mounting Robots Utilizing a Three-Dimensional Framework of the Broadcast Tower	2023					0	10.1109/ICECONF57129.2023.10084216	https://www.scopus.com/pages/publications/85153054990?origin=resultslist	Scopus
184	Seane T.B.; Samikannu R.; Oladiran M.T.; Yahya A.; Makepe P.; Gamariel G.; Kadarmydeen M.B.; Ladu N.S.D.; Senthamarai H.	Modelling and optimizing microgrid systems with the utilization of real-time residential data: a case study for Palapye, Botswana	2023	11				5	10.3389/fenrg.2023.1237108	https://www.scopus.com/pages/publications/85188462357?origin=resultslist	Scopus
185	Rajalingam A.; Charulatha G.; Machap K.; Kumudham R.; Ramkumar Prabhu M.	Employing IoT and Machine Learning to Minimize Industrial Structure Resource Utilization	2023			1389	1393	5	10.1109/ICCMC56507.2023.10083959	https://www.scopus.com/pages/publications/85153581274?origin=resultslist	Scopus
186	Ravishankar T.N.; Kumar A.T.A.K.; Venkatesh J.; Prabhu M.R.; Bhargavi V.S.; Muthamilselvan S.	Empirical Assessment and Detection of Suicide Related Posts in Twitter using Artificial Intelligence enabled Classification Logic	2023					9	10.1109/ACCAI58221.2023.10201110	https://www.scopus.com/pages/publications/85170041620?origin=resultslist	Scopus
187	Chinnasamy P.; Tejaswini D.; Dhanasekaran S.; Ramprathap K.; Lakshmi Priya K.; Kiran A.	Retraction Notice: E-Governence Services using Artificial Intelligence Techniques (2023 International Conference on Computer Communication and Informatics (ICCCI) DOI: 10.1109/ICCCI56745.2023.10128646)	2023					0	10.1109/ICCCI56745.2023.11611286	https://www.scopus.com/pages/publications/105045297356?origin=resultslist	Scopus
188	Tamiloli N.; Venkatesan J.	OPTIMIZATION OF END MILLING OF AA6082 USING TAGUCHI METHOD COUPLED	2023	21	4	100	108	1		https://www.scopus.com/pages/publications/85185173582?origin	Scopus

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		WITH GREY RELATIONAL ANALYSIS AND PRINCIPLE COMPOUND ANALYSIS								=resultslist	
189	Chandra I.; Sowmiya G.; Charulatha G.; Sasirekha D.; Gomathi S.; Anusuya R.	An efficient Intelligent Systems for Low-Power Consumption Zigbee-Based Wearable Device for Voice Data Transmission	2023					1	10.1109/ICECONF57129.2023.10083856	https://www.scopus.com/pages/publications/85153046938?origin=resultslist	Scopus
190	Tyagi R.; Shastri R.K.; Kumarasamy M.; Prabhu M.R.; Laavanya M.; Pawar U.C.	Undecimated Wavelet Transform Technique for the Security Improvement In the Medical Images for the Atatck Prevention	2023	11	3s	211	217	3		https://www.scopus.com/pages/publications/85172910644?origin=resultslist	Scopus
191	Arunkumar J.R.; Velmurugan S.; Chinnaiah B.; Charulatha G.; Prabhu M.R.; Chakkaravarthy A.P.	Logistic Regression with Elliptical Curve Cryptography to Establish Secure IoT	2023	45	3	2635	2645	41	10.32604/csse.2023.031605	https://www.scopus.com/pages/publications/85147419563?origin=resultslist	Scopus
192	Dejene M.; Palanivel H.; Senthamarai H.; Varadharajan V.; Prabhu S.V.; Yeshitila A.; Benor S.; Shah S.	Correction: Optimisation of culture conditions for gesho (Rhamnus prinoides.L) callus differentiation using Artificial Neural Network-Genetic Algorithm (ANN-GA) Techniques (Applied Biological Chemistry, (2023), 66, 1, (64), 10.1186/s13765-023-00816-z)	2023	66	1			1	10.1186/s13765-023-00830-1	https://www.scopus.com/pages/publications/85174698954?origin=resultslist	Scopus
193	Suriya S.; Abinaya M.; Aparna P.; Jayashree P.; Thangam N.	Preparation and Characterization of Multiwalled Carbon Nanotubes Doped with Titanium Dioxide	2023	43	12	1107	1113	1		https://www.scopus.com/pages/publications/85210165885?origin=resultslist	Scopus

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194	Chithra L.; Padma S.; Farzhana I.; Saravanan L.; Krishnakumari S.	LiFiData: A Secured Data Communication over Defense Fields by using Intelligent Visible Light Assisted Transmissions	2023					2	10.1109/ICSES60034.2023.10465338	https://www.scopus.com/pages/publications/85190559253?origin=resultslist	Scopus
195	Jansi R.; Shenbagavalli S.; Revathy M.S.; Deepalakshmi S.; Indumathi P.; Mohammed M.K.A.	Structural and ionic transport in biopolymer electrolyte-based PVA: NaAlg with NH4Cl for electrochemical applications	2023	34	11			16	10.1007/s10854-023-10302-3	https://www.scopus.com/pages/publications/85153257073?origin=resultslist	Scopus
196	Chinnasamy P.; Tejaswini D.; Dhanasekaran S.; Ramprathap K.; Lakshmi Priya K.; Kiran A.	E-Governence Services using Artificial Intelligence Techniques	2023					10	10.1109/ICCCI56745.2023.10128646	https://www.scopus.com/pages/publications/85163113336?origin=resultslist	Scopus
197	Karthikeyan K.; Mariappan V.; Kalidoss P.; Mohana Jai Ganesh J.; Nanda Kishore P.V.R.; Prathiban S.; Anish R.	Characterization and thermal properties of lauryl alcohol-capric acid binary mixture with hybrid-nanoparticles as phase change material for vaccine storage applications	2023	74				36	10.1016/j.est.2023.109442	https://www.scopus.com/pages/publications/85176405462?origin=resultslist	Scopus
198	Palaniappan M.; Tirlangi S.; Mohamed M.J.S.; Moorthy R.M.S.; Valeti S.V.; Boopathi S.	Fused deposition modelling of polylactic acid (PLA)-based polymer composites: A case study	2023			66	85	79	10.4018/978-1-6684-6009-2.ch005	https://www.scopus.com/pages/publications/85151471731?origin=resultslist	Scopus
199	Thiyagarajan S.; Kumar K.; Renuka S.	Estimating Optimal Joint User Cluster Pair Transmission Power Using Black Widow Optimization Technique	2023	104	5	1069	1077	1	10.1007/s40031-023-00915-x	https://www.scopus.com/pages/publications/85170220951?origin=resultslist	Scopus
200	Dharmeshwaraan K.; Saravanan L.; Sharmila P.; Krishnan R.; Shyam M.; Anitha G.	An Energy-Efficient Cluster Routing Protocol for Wireless Networks Based on Blended Optimization Technique	2023					4	10.1109/ICECONF57129.2023.10084155	https://www.scopus.com/pages/publications/85153078552?origin=resultslist	Scopus

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201	Heeravathi S.; Srinivasan P.; Muralikrishna K.; Lohkana R.; Nihal K.	ZnO ANTIREFLECTION COATING ON SOLAR CELL TO INCREASE THE EFFICIENCY BY ENHANCING OPTICAL PROPERTIES	2023	18	2	75	79	2		https://www.scopus.com/pages/publications/85165222216?origin=resultslist	Scopus
202	Mercy S.S.; Ramya G.; Sankar R.; Saravanan L.; Krishnamoorthi K.	EHLM: Empirical Design of Novel Road Curve and Lane Identification Scheme using Effective Hybrid Learning Methodology	2023					0	10.1109/ICSES60034.2023.10465464	https://www.scopus.com/pages/publications/85190521931?origin=resultslist	Scopus
203	Nayak C.K.; Karunakaran S.; Yamunaa P.; Kayalvili S.; Tiwari M.; Unni M.V.	Analysis of Digital Twins Implementation in Smart City using Big Data and Deep Learning	2023			230	235	7	10.1109/ICICCS56967.2023.10142813	https://www.scopus.com/pages/publications/85163877754?origin=resultslist	Scopus
204	Varghese L.J.; Jayaraman R.; Cherukupalli K.; Senthamarai H.	Performance Analysis of Microgrid Using Wind Power Based on Steady-State Voltage Stability	2023	51	20	2464	2473	8	10.1080/15325008.2023.2210567	https://www.scopus.com/pages/publications/85159174012?origin=resultslist	Scopus
205	Prabhu M.R.; Yuvarani S.; Selvam P.D.; Hemalatha R.	Coyote Optimization Algorithm for Enhancing Connectivity and Energy Efficiency in WSN	2023			528	532	0	10.1109/ICOSEC58147.2023.10275977	https://www.scopus.com/pages/publications/85175697756?origin=resultslist	Scopus
206	Geetha Y.; Syed Ibrahim P.S.; Edward Jeyakumar J.; Rajasekaran E.; Chidambara Vinayagam S.	Acoustical Parameters and Theoretical Evaluation of o-Anisaldehyde with Diethylamine in n-Hexane Medium at Different Temperatures	2023	2901	1			2	10.1063/5.0184377	https://www.scopus.com/pages/publications/85180594086?origin=resultslist	Scopus
207	Dejene M.; Palnivel H.; Senthamarai H.; Varadharajan V.; Prabhu S.V.; Yeshitila A.; Benor S.; Shah S.	Optimisation of culture conditions for gesho (Rhamnus prinoides.L) callus differentiation using Artificial Neural Network-Genetic Algorithm (ANN-GA) Techniques	2023	66	1			8	10.1186/s13765-023-00816-z	https://www.scopus.com/pages/publications/85172398383?origin=resultslist	Scopus

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208	Lakshmanan G.; Selvam R.; Altemimi A.B.; Baldelli A.; Bharathi A.R.; Gopalakrishnan B.; Karthik L.; Saravanan D.; Kavitha M.; Mohammed M.J.; Cacciola F.; Jayalakshmi G.; Pratap-Singh A.	Phytochemical screening of ethanolic extracts of Cuminum cyminum L. seeds along with the evaluation of antidiabetic properties by molecular docking approach	2023	37	4	681	686	7	10.1080/14786419.2022.2078973	https://www.scopus.com/pages/publications/85130470544?origin=resultslist	Scopus
209	Kalpana A.V.; Venkataramanan V.; Charulatha G.; Geetha G.	An Intelligent Voice-Recognition Wheelchair System for Disabled Persons	2023			668	672	24	10.1109/ICSCSS57650.2023.10169364	https://www.scopus.com/pages/publications/85166248299?origin=resultslist	Scopus
210	Banupriyal N.; Suresh G.; Nandhini R.; Mathew A.M.; Saravanan L.; Anitha G.	A Robust Network Connection Across Internet of Things Devices Inside the Room with Visible Light Communication	2023					0	10.1109/ICECONF57129.2023.10084326	https://www.scopus.com/pages/publications/85153054713?origin=resultslist	Scopus
211	MacHap K.; Prabhu M.R.; Rajalingam A.; Charulatha G.; Saranya R.; Renukadevi S.	A Prescribed Paper Less Clinic to view the Patient's Documents	2022			685	689	6	10.1109/ICCPC55978.2022.10072245	https://www.scopus.com/pages/publications/85151967603?origin=resultslist	Scopus
212	Vasuki B.; Shobana L.; Roopa B.	Data Encryption Using Face Antimagic Labeling and Hill Cipher	2022	10	2	431	435	7	10.13189/ms.2022.100218	https://www.scopus.com/pages/publications/85128621102?origin=resultslist	Scopus
213	Basuliman A.A.; Kinslin D.; Awasthi A.; Dinesh Kumar R.; Juwairiyyah J.; Pandey R.	Energy Efficient Weighted Probability Model Integrated Cloud-IoT Network to Increase Lifetime of the Network with Layered Architecture	2022	10	2s	221	225	0		https://www.scopus.com/pages/publications/85145491167?origin=resultslist	Scopus

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214	Mubeen S.; Kulkarni N.; Tanpoco M.R.; Kumar R.D.; Naidu L.M.; Dhope T.	Linguistic Based Emotion Detection from Live Social Media Data Classification Using Metaheuristic Deep Learning Techniques	2022	14	3	176	186	19	10.17762/ijcnis.v14i3.5604	https://www.scopus.com/pages/publications/85147158000?origin=resultslist	Scopus
215	Sivasakthi S.; Devi K.M.; Yamunaa P.; Mahendran N.; Prakash R.B.R.; Vigneshwar A.S.; Jegajothi B.	Automated Hyperparameter Tuned Deep Learning Enabled Reactive Power Optimization Model for Power Distribution System	2022			1410	1414	0	10.1109/ICAISS55157.2022.10010960	https://www.scopus.com/pages/publications/85147546933?origin=resultslist	Scopus
216	Prabu A.S.; Chithambaram V.; Bennet M.A.; Shanmugan S.; Pruncu C.I.; Lamberti L.; Elsheikh A.H.; Panchal H.; Janarthanan B.	Microcontroller PIC 16F877A standard based on solar cooker using PVâ€"evacuated tubes with an extension of heat integrated energy system	2022	29	11	15863	15875	10	10.1007/s11356-021-16863-2	https://www.scopus.com/pages/publications/85116936756?origin=resultslist	Scopus
217	Manimegalai R.; Sendhilnathan S.; Chithambaram V.	Experimental investigation on ferrofluid properties of Cd doped Co-Zn ferrites	2022	17	2	661	676	0	10.15251/djnb.2022.172.661	https://www.scopus.com/pages/publications/85136227565?origin=resultslist	Scopus
218	Raja R.; Samuel R.S.; Chithambaram V.; Viju G.; Janarthanan S.; Hidayathullah A.M.	Investigation of optical, thermal and mechanical studies on semi organic nonlinear optical diaquabis(L-lactato)magnesium (DLLM) single crystal for optoelectronic devices applications	2022	33	25	20035	20045	11	10.1007/s10854-022-08821-6	https://www.scopus.com/pages/publications/85135512135?origin=resultslist	Scopus
219	Babu G.D.; Ranjithkumar B.; Venkatesan S.; Anver Basha K.	Coumarin based polymeric material: Synthesis, characterization, thermal properties, and antibacterial activity of Copoly (7-Methacryloxy-4-	2022	62		5677	5683	2	10.1016/j.matpr.2022.05.114	https://www.scopus.com/pages/publications/85131143847?origin=resultslist	Scopus

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		methylcoumarin-co-N-Vinyl pyrrolidone)									
220	Arul Nicholas T.; Venkatakrishna A.; Joy N.; Mariadhas A.	Performance and emission analysis on diesel engine fuelled with neat pongamia biodiesel	2022	43	1	21	27	14	10.1080/01430750.2019.1630315	https://www.scopus.com/pages/publications/85067659794?origin=resultslist	Scopus
221	Lakshmi V.; Sugapriya C.; Nagarajan D.; Broumi S.	Tropezoidal Neutrosophic Deal with Logarithmic Demand with Shortage of Deteriorating Items	2022	48		318	327	2		https://www.scopus.com/pages/publications/85128869083?origin=resultslist	Scopus
222	Pradeep Kumar C.; Anandhi L.	Experimental Investigation on Partial Replacement of Cement with Metakaoline, Fly Ash and Silica Fume in Concrete	2022	23		50	59	3	10.21741/9781644901953-7	https://www.scopus.com/pages/publications/85131948022?origin=resultslist	Scopus
223	Chilukuri P.; Arun Kumar J.R.; Anusuya R.; Ramkumar Prabhu M.	Auto Encoders and Decoders Techniques of Convolutional Neural Network Approach for Image Denoising In Deep Learning	2022	13	4	1036	1040	11	10.47750/pnr.2022.13.04.142	https://www.scopus.com/pages/publications/85143289198?origin=resultslist	Scopus
224	Chinnasamy P.; Arun Kumar S.; Navya V.; Lakshmi Priya K.; Sruthi Boddu S.	Machine learning based cardiovascular disease prediction	2022	64		459	463	29	10.1016/j.matpr.2022.04.907	https://www.scopus.com/pages/publications/85130393851?origin=resultslist	Scopus
225	Manimekalai S.; Yamunaa P.; Ashwini R.; Karthick V.; Alluri A.; Prakash R.B.R.; Jothi B.J.	Automated Short Term Load Prediction in Power Systems using Collision Bodies Optimization with MultiHead Deep Learning Model	2022			693	696	0	10.1109/ICIRCA54612.2022.9985637	https://www.scopus.com/pages/publications/85146492081?origin=resultslist	Scopus

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226	Charulatha G.; Maheswaran U.; Kalyan Kumar G.; Sasirekha N.; Meenakshisundaram N.	A Robust Framework for Glaucoma Detection and Segmentation of Real Time Fundus Images using Hybrid ASCL Model	2022			1244	1250	3	10.1109/ICACRS55517.2022.10029026	https://www.scopus.com/pages/publications/85148329412?origin=resultslist	Scopus
227	Singh A.; Murugeswari P.; Ragavendiran S.D.P.; Kaur A.; Singh G.; Margabandu S.	AI-based Chatbot for Physically Challenged People	2022			1039	1044	4	10.1109/ICECAA55415.2022.9936585	https://www.scopus.com/pages/publications/85142707978?origin=resultslist	Scopus
228	Ramkumar V.; Supraja C.; Chinnammal V.; Krishnan R.; Saravanan L.; Sheela J.J.J.	Design of Elliptical to Circular Dielectric Resonator Antenna for Microwave Imaging Application	2022					0	10.1109/ICPECTS56089.2022.10047513	https://www.scopus.com/pages/publications/85150020283?origin=resultslist	Scopus
229	Marudhu G.; Baraniraj T.; Chandravadhana A.; Chithambaram V.	Influence of l-alanine doping on zinc (TRIS) thiourea sulphate (ZTS) single crystals	2022	54	11			7	10.1007/s11082-022-04130-8	https://www.scopus.com/pages/publications/85138741239?origin=resultslist	Scopus
230	Bhavani S.; Chithambaram V.; Muthucumaraswamy R.; Shanmugan S.; Essa F.A.; Elsheikh A.H.; Selvaraju P.; Janarthanan B.	Laplacian tactic for the prediction of the temperature components of solar cooker with logical prediction by fuzzy rules	2022	236		369	382	17	10.1016/j.solener.2022.03.006	https://www.scopus.com/pages/publications/85126314969?origin=resultslist	Scopus
231	Loganathan G.; Kannan M.	Optimized Production of Biodiesel Using Internet of Things Sensed Temperature with Hybrid Particle Swarm Optimization	2022	2022				12	10.1155/2022/3793739	https://www.scopus.com/pages/publications/85123993529?origin=resultslist	Scopus
232	Subramanian K.; Hakkim J.; Natarajan V.; Bhuvaneshwari B.V.; Indumathi P.	Various Dynamical Management of Three Solitons Through Modulated Coefficients in a Real Lossy Fiber System	2022	8	6			6	10.1007/s40819-022-01477-0	https://www.scopus.com/pages/publications/85141782574?origin=resultslist	Scopus

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233	Mohamed N.; Kumar K.S.; Sharma S.; Kumar R.D.; Mehta S.; Mishra I.	Wireless Sensor Network Security with the Probability Based Neighbourhood Estimation	2022	10	2s	231	235	15		https://www.scopus.com/pages/publications/85145454806?origin=resultslist	Scopus
234	Babitha N.; Rosy S.C.; Palani G.; Gurumoorthy M.; Kannan K.; Chithambaram V.	Enhanced photocatalytic and Antibacterial Activity of Copper oxide Nanoparticles Synthesized by Facile Combustion methods from Mussaendafrondosa Plant Extract;	2022	23	3	443	449	4	10.15330/pcss.23.3.443-449	https://www.scopus.com/pages/publications/85142375303?origin=resultslist	Scopus
235	Suresh M.; Kalai Selvi B.; Geetha Priya V.; Sekar K.; Srinivasan K.; Sathiya Moorthy R.M.	AI based Battery Life Estimation of Electric Vehicle	2022			1009	1014	3	10.1109/I-SMAC55078.2022.9987397	https://www.scopus.com/pages/publications/85146436571?origin=resultslist	Scopus
236	Yugha R.; Vinodhini V.; Arunkumar J.R.; Varalakshmi K.; Karthikeyan G.; Ramkumar G.	An Automated Glaucoma Detection from Fundus Images based on Deep Learning Network	2022			757	763	9	10.1109/I-SMAC55078.2022.9987254	https://www.scopus.com/pages/publications/85146419219?origin=resultslist	Scopus
237	Pavaiyarkarasi R.; Ramu R.; Sahaana G.; Saravanan L.; Benazir Begam R.; Thandaiah Prabu R.	A Hybrid Security Model for the Protection of Diagnostic Text Data in Medical Images over Internet of Things	2022			196	203	2	10.1109/I-SMAC55078.2022.9987292	https://www.scopus.com/pages/publications/85146420200?origin=resultslist	Scopus
238	Marudhu G.; Baraniraj T.; Krishnan S.; Vijayaragavan G.V.; Kannan K.; Palani G.; Chithambaram V.	Growth, structural, optical and mechanical studies on Amino acids doped nonlinear optical sodium acid phthalate single crystals	2022	23	1	45	51	4	10.15330/pcss.23.1.45-51	https://www.scopus.com/pages/publications/85129625126?origin=resultslist	Scopus
239	Lakshmi Devi R.; Saravanan G.; Sangeetha K.; Pavithra S.; Thiyagarajan S.	Smart Train Accident Detection and Prevention System Using Iot Technology	2021					10	10.1109/ICSCAN53069.2021.9526413	https://www.scopus.com/pages/publications/85115734392?origin=resultslist	Scopus

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240	Palanikumar G.; Shanmugan S.; Chithambaram V.; Gorjian S.; Pruncu C.I.; Essa F.A.; Kabeel A.E.; Panchal H.; Janarthanan B.; Ebadi H.; Elsheikh A.H.; Selvaraju P.	Thermal investigation of a solar box-type cooker with nanocomposite phase change materials using flexible thermography	2021	178		260	282	90	10.1016/j.renene.2021.06.022	https://www.scopus.com/pages/publications/85108441859?origin=resultslist	Scopus
241	Prabha R.; Prabhu M.R.; Suganthi S.U.; Sridevi S.; Senthil G.A.; Babu D.V.	Design of hybrid deep learning approach for Covid-19 infected lung image segmentation	2021	2040	1			19	10.1088/1742-6596/2040/1/012016	https://www.scopus.com/pages/publications/85119263421?origin=resultslist	Scopus
242	Enireddy V.; Somasundaram K.; Mahesh M P.C.S.; Ramkumar Prabhu M.; Babu D.V.; Karthikeyan C.	Data Obfuscation Technique in Cloud Security	2021			358	362	19	10.1109/ICOSEC51865.2021.9591915	https://www.scopus.com/pages/publications/85123161157?origin=resultslist	Scopus
243	Bhavani S.; Shanmugan S.; Chithambaram V.; Essa F.A.E.; Kabeel A.-E.; Selvaraju P.	Simulation study on thermal performance of a Solar box Cooker using nanocomposite for natural Food invention	2021	28	36	50649	50667	11	10.1007/s11356-021-14194-w	https://www.scopus.com/pages/publications/85105428609?origin=resultslist	Scopus
244	Shylaja S.L.; Fairooz S.; Venkatesh J.; Sunitha D.; Rao R.P.; Prabhu M.R.	IoT based crop monitoring scheme using smart device with machine learning methodology	2021	2027	1			12	10.1088/1742-6596/2027/1/012019	https://www.scopus.com/pages/publications/85116942079?origin=resultslist	Scopus
245	Pravallika C.; Shanmugan S.; Swapna K.; Rao A.V.; Palani G.; Chithambaram V.	Crystal growth, spectroscopic and antimicrobial investigations on glycine-doped ZnSO4â€“(NH4)2SO4 single crystal	2021	32	10	13917	13925	9	10.1007/s10854-021-05967-7	https://www.scopus.com/pages/publications/85105331114?origin=resultslist	Scopus
246	Kalaiarasi T.; Senthilkumar M.; Shanmugan S.; Jarin	Synthesis and characterization of L-threonine ammonium	2021	44	3			6	10.1007/s12034-021-02421-6	https://www.scopus.com/pages/publications/8510	Scopus

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247	Varadarajan S.; Kumar M.S.; Shanmugan S.; Arputhalatha A.; Chithambaram V.; Palani G.	A new class single crystal l-lysine hydrogen chloride (LLHC) for optoelectronic applications	2021	32	22	26351	26358	3	10.1007/s10854-021-06987-z	https://www.scopus.com/pages/publications/85116405805?origin=resultslist	Scopus
248	Manju T.; Francis A.; Sankar N.; Azzarudin T.; Magesh B.	VR Based Underwater Museum of Andaman and Nicobar Islands	2021	196		627	632	1	10.1007/978-981-15-7062-9_63	https://www.scopus.com/pages/publications/85097237507?origin=resultslist	Scopus
249	Chaudhary S.; Raja M.; Sinha O.P.	A review on the different types of electrode materials for aqueous supercapacitor applications	2021	12	1			30	10.1088/2043-6262/abe93e	https://www.scopus.com/pages/publications/85103517322?origin=resultslist	Scopus
250	Sathishkumar G.; Sambathkumar K.; Ramasamy P.; Chithambaram V.; Lenin M.	Growth, structural, optical, DFT, thermal and dielectric studies of N-Benzyl-3-nitroaniline (B3NA): a promising nonlinear optical crystal	2021	32	22	26318	26328	6	10.1007/s10854-021-06940-0	https://www.scopus.com/pages/publications/85116128908?origin=resultslist	Scopus
251	Sangeetha P.; Jayaprakash P.; Ramesh P.; Sudha S.; Vinitha G.; Nageshwari M.; Caroline M.L.	Crystal growth, spectroscopic, optical, thermal and hirshfeld surface analysis of glycinium hydrogen fumarate glycine solvate monohydrate (GHFGSM): A third harmonic nonlinear optical organic crystal	2020	1213				19	10.1016/j.molstruc.2020.128187	https://www.scopus.com/pages/publications/85082999515?origin=resultslist	Scopus
252	Thaya Kumari C.R.; Sudha S.; Vinitha G.; Nageshwari M.; Caroline M.L.; Mathubala G.; Manikandan A.	Synthesis and characterization analysis of unique organic crystal â€“ Urea Glutaric acid, an optimistic candidate for optical device applications	2020	577				15	10.1016/j.physb.2019.411804	https://www.scopus.com/pages/publications/85074489424?origin=resultslist	Scopus

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253	Sudha S.; Jayaprakash P.; Thaya Kumari C.R.; Nageshwari M.; Vinitha G.; Raman R.G.; Caroline M.L.	Growth and characterization of Catena-((Î¼4-dihydrogen oxalate)-bis(Î¼3-hydrogen oxalato)-(Î¼2-dihydrogen oxalate)-tetra-aqua-di-rubidium) {Rb(HC2O4)(H2C2O4)(H2O)2}1âˆž single crystal for nonlinear optical applications	2020	67		37	51	13	10.1016/j.cjph.2019.08.017	https://www.scopus.com/pages/publications/85084918848?origin=resultslist	Scopus
254	Chaudhary S.; Mohan R.; Sinha O.P.	Green synthesis of ternary-doped layered graphene nanosheets (DGNS) synthesized from waste onion peel for supercapacitors	2020	126	10			9	10.1007/s00339-020-03989-2	https://www.scopus.com/pages/publications/85091343618?origin=resultslist	Scopus
255	Abirami A.N.; Balamurugan C.R.; Meena D.	Water condensation system based on thermoelectric coller using solar energy	2020	9	2	149	158	3	10.11591/ijaas.v9.i2.pp149-158	https://www.scopus.com/pages/publications/85163141085?origin=resultslist	Scopus
256	Sudha S.; Kumari C.R.T.; Nageshwari M.; Ramesh P.; Vinitha G.; Caroline M.L.; Mathubala G.; Manikandan A.	Crystal growth, optical, spectroscopic studies, PL behaviour and Hirshfield surface analysis of a third-order nonlinear optical Cesium Hydrogen Oxalate Dihydrate (CHOD) single crystal	2020	31	18	15028	15037	7	10.1007/s10854-020-04066-3	https://www.scopus.com/pages/publications/85088874430?origin=resultslist	Scopus
257	Sangeetha P.; Nageshwari M.; Kumari C.R.T.; Sudha S.; Jayaprakash P.; Caroline M.L.; Mathubala G.; Vinitha G.; Manikandan A.	Linear and nonlinear optical investigation of l-arginium adipate single crystal for photonic applications	2020	31	17	14545	14552	5	10.1007/s10854-020-04015-0	https://www.scopus.com/pages/publications/85088270040?origin=resultslist	Scopus
258	Sharvanti P.; Abinaya K.; Yogamalar N.R.	Integrating lithiation and metal dopants in Sb2S3 nanoneedles for energy	2020	109				6	10.1016/j.optmat.2020.110319	https://www.scopus.com/pages/publications/8508	Scopus

		storage applications								9936775?origin=resultslist	
259	Maheswari P.U.; Ganeshbabu T.R.	Repetitive node categorization technique based reliable clustering and energy efficient communication in P2P wireless sensor network	2020	13	2	647	658	4	10.1007/s12083-019-00768-6	https://www.scopus.com/pages/publications/85068143807?origin=resultslist	Scopus
260	Nageshwari M.; Thaya Kumari C.R.; Sudha S.; Vinitha G.; Caroline M.L.; Mathubala G.; Manikandan A.	Spectral, dielectric, mechanical and optical characteristics of LPDMCl single crystal for nonlinear optical applications	2020	582				10	10.1016/j.physb.2019.411980	https://www.scopus.com/pages/publications/85078205387?origin=resultslist	Scopus
261	Deepa D.; Dhivya K.S.; Sasireka K.	Evaluation of MSW management in the pursuit of climate change mitigation by Landgem model in Chidambaram Town	2019	8	11	2893	2897	0	10.35940/ijitee.K2429.0981119	https://www.scopus.com/pages/publications/85073335090?origin=resultslist	Scopus
262	Somasekar M.; Sakthivel Murugan S.	Feature extraction of underwater images by combining fuzzy c-means color clustering and LBP texture analysis algorithm with empirical mode decomposition	2019	22		453	464	8	10.1007/978-981-13-3119-0_26	https://www.scopus.com/pages/publications/85061043637?origin=resultslist	Scopus
263	Roopa B.; Shobana L.	On face bimagic labeling for duplication and double duplication graphs	2019	2112				0	10.1063/1.5112340	https://www.scopus.com/pages/publications/85068258759?origin=resultslist	Scopus
264	Padmapriya S.; Jimreeves J.S.R.; Kalaiselvi P.; Nageswaran A.; Arun S.	Metaclassifiers for predicting the robotic navigational performance	2019	8	11 Special Issue	1234	1238	6	10.35940/ijitee.K1249.0981 1S19	https://www.scopus.com/pages/publications/85073725897?origin=resultslist	Scopus
265	Sabari Girish G.; Vijayakothandaraman	Experimental investigation on a CI engine fuelled with	2019	40	6	610	612	20	10.1080/01430750.2017.	https://www.scopus.com/pages/p	Scopus

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	R.; Prabhu A.	bio gas and rice straw additives							1423388	ublications/8504 1013829?origin =resultslist	
266	Chidambaram P.K.; JohnDaniel S.; Ganesh Kumar M.	Morphological analysis of the Nylon6, 6 matrix based clay and carbon nano composites	2019	16		1344	1349	0	10.1016/j.ma tpr.2019.05.2 34	https://www.sco pus.com/pages/p ublications/8507 0864977?origin =resultslist	Scopus
267	Sakthi Shunmuga Sundaram P.; Hari Basker N.; Natrayan L.	Smart clothes with bio-sensors for ECG monitoring	2019	8	4	298	301	77		https://www.sco pus.com/pages/p ublications/8506 1607740?origin =resultslist	Scopus
268	Vijayakothandaraman R.; Sabari Girish G.; Prabhu A.	Evaporative air cooler coupled with variable frequency drive for dehumidification of indoor air	2019	40	6	613	615	1	10.1080/014 30750.2017. 1423389	https://www.sco pus.com/pages/p ublications/8504 1016191?origin =resultslist	Scopus
269	Jeni P.R.J.; Kennedy R.P.; Sankaran K.S.	Reliable army knowledge management process using perception tacit knowledge with xenogeneic deep neural networks	2019	10	1	48	57	1	10.1504/IJK MS.2019.097 124	https://www.sco pus.com/pages/p ublications/8505 9784658?origin =resultslist	Scopus
270	Mohanraj R.; Anbu S.	Effective parameter optimization & classification using bat-inspired algorithm with improving NSSA	2019	9	1	3343	3349	1	10.35940/ije at.A1498.109 119	https://www.sco pus.com/pages/p ublications/8507 4565398?origin =resultslist	Scopus
271	Natrayan L.; Sakthi Shunmuga Sundaram P.; Elumalai J.	Analyzing the uterine physiological with mmg signals using svm	2019	11	2	165	170	72	10.31838/ijpr /2019.11.02. 009	https://www.sco pus.com/pages/p ublications/8506 9680298?origin =resultslist	Scopus
272	Uma Maheswari P.; Ganesh Babu T.R.; Manikandan S.S.	A novel approach for multiple spoof attack detection and localization on WSN	2018	10	5 Specia l Issue	1827	1836	0		https://www.sco pus.com/pages/p ublications/8505 7787340?origin =resultslist	Scopus

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273	Roopa B.; Shobana L.	Face magic labeling for double duplication of cycle related graphs	2018	10	7	48	53	3		https://www.scopus.com/pages/publications/85060470314?origin=resultslist	Scopus
274	ChinnaÂ GounderÂ D hanajayan R.; AppavuÂ Pillai S.	SLMBC: spiral life cycle model-based Bayesian classification technique for efficient software fault prediction and classification	2017	21	2	403	415	17	10.1007/s00500-016-2316-6	https://www.scopus.com/pages/publications/84983406934?origin=resultslist	Scopus
275	Annapoorani A.; Murugesan A.; Ramu A.; Renganathan N.G.	Assessing the water quality in coastal aquifer of Chennai, India - A case study	2017	11	2	178	190	1	10.1504/IJW.2017.083772	https://www.scopus.com/pages/publications/85032872396?origin=resultslist	Scopus
276	Meena M.; Nanjundan S.; Umapathy M.J.	Free radical polymerization of methyl and ethyl methacrylates by green methodology	2016	11	4	2177	2184	5		https://www.scopus.com/pages/publications/84961720626?origin=resultslist	Scopus
277	Babu A.K.; Antony Aroul Raj V.; Kumaresan G.	Misfire detection in a multi-cylinder diesel engine: A machine learning approach	2016	11	2	278	295	13		https://www.scopus.com/pages/publications/85039793458?origin=resultslist	Scopus
278	Sivasaravana Babu S.; Parthasarathy V.; Saravana Kumar G.; Sebastin Suresh S.; Rakesh Kumar M.	Design and implementation of filtering scheme for electro encephalo gram segmentation	2016	9	9	4103	4111	0		https://www.scopus.com/pages/publications/84991584868?origin=resultslist	Scopus
279	Rajaganapathy C.D.; Subramani A.	A comparative study of different software fault prediction and classification techniques	2015	10	7	831	840	4	10.19026/rjaset.10.2437	https://www.scopus.com/pages/publications/84938894185?origin=resultslist	Scopus
280	Krishna P.; Babu A.K.; Singh A.P.; Raj A.A.	Reduction of NOx in a diesel engine using split injection approach	2015	10	5	552	570	2		https://www.scopus.com/pages/publications/8492	Scopus

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										9153940?origin=resultslist	
281	Devi C.A.; Rajagopalan S.P.	Independent component analysis with genetic algorithm feature selection for ischemic stroke classification	2015	9	Special Edition	215	226	1		https://www.scopus.com/pages/publications/85037618156?origin=resultslist	Scopus
282	Balamurugan N.; Charanya C.; Sampathkrishnan S.; Muthu S.	Molecular structure, vibrational spectra, first order hyper polarizability, NBO and HOMO-LUMO analysis of 2-amino-5-bromo-benzoic acid methyl ester	2015	137		1374	1386	23	10.1016/j.saa.2014.09.048	https://www.scopus.com/pages/publications/84907898461?origin=resultslist	Scopus
283	Fouziya Sulthana S.; Shaffath Hussain Shakir S.	Performance comparison of different processor to provide benchmarks for wimax scheduling application	2015	10	1	643	662	0		https://www.scopus.com/pages/publications/84926634249?origin=resultslist	Scopus
284	Revathi A.; Rodrigues P.	Review of suitable encryption for cloud to achieve data privacy and access control	2015	10	8	20613	20620	0		https://www.scopus.com/pages/publications/84929912657?origin=resultslist	Scopus
285	Ponsurya P.; Abbas Shahul Hameed B.H.; Saravanakkumar D.; Kashif M.; Sivaranjani S.; Perumalsamy R.; Ayeshamariam A.	Studies on CNT, ZnO-CNT and undoped ZnO and their gas sensor results	2015	7	2	917	920	1		https://www.scopus.com/pages/publications/84922570150?origin=resultslist	Scopus
286	Ghosh C.; Ramachandran D.; Balakrishnan G.; Kuppusami P.; Mohandas E.	HRTEM investigation of phase stability in alumina-zirconia multilayer thin films	2015	38	2	401	407	3	10.1007/s12034-014-0838-z	https://www.scopus.com/pages/publications/84929081673?origin=resultslist	Scopus
287	Senthilkannan K.; Gunasekaran S.; Wagish J.G.R.	UV, SEM, powder XRD studies of acetoacetanilide (AAC) crystal	2014	6	5	3187	3190	38		https://www.scopus.com/pages/publications/84904512110?origin	Scopus

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288	Anitha R.; Renuga P.	An efficient multi port network on chip router architecture for reliable networks	2014	9	7	389	396	0	10.3923/rjasci.2014.389.396	https://www.scopus.com/pages/publications/84907236524?origin=resultslist	Scopus
289	Anitha R.; Renuga P.	Performance evaluation of low-power, high-performance serial on-chip communication link router	2014	13	10	575	581	0		https://www.scopus.com/pages/publications/84911379258?origin=resultslist	Scopus
290	Kousalyadevi R.; Suganthi J.	Certain investigations on remote sensing based wavelet compression techniques for classification of agricultural land area	2014	64	2	446	453	0		https://www.scopus.com/pages/publications/84902964587?origin=resultslist	Scopus
291	Deo N.; Mangang R.K.; Murugan K.	Power gating in FinFET Adiabatic circuits	2014					6	10.1109/ICGCCEE.2014.6922293	https://www.scopus.com/pages/publications/84910618848?origin=resultslist	Scopus
292	Bupesh Raja V.K.; Rajasekaran R.; Francis A.J.	An overview of non traditional drilling process	2014	9	23	23145	23153	9		https://www.scopus.com/pages/publications/84919784782?origin=resultslist	Scopus
293	Balamurugan N.; Charanya C.; Sampathkrishnan S.	Molecular structure, vibrational spectra, theoretical NBO and HOMO-LUMO analysis of bi-glycine hydrobromide by DFT method	2014	26	14	4259	4265	1	10.14233/ajchem.2014.16093	https://www.scopus.com/pages/publications/84904342406?origin=resultslist	Scopus
294	Siva R.; Rajasekaran R.	Design of work position in manufacturing industry based on Rapid Entire Body Assessment (REBA) tool	2014	9	22	12565	12576	1		https://www.scopus.com/pages/publications/84908541445?origin=resultslist	Scopus

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295	Backiam A.N.; Kousalyadevi R.	Fast fractal image compression based on Fisher's classification scheme	2014					2	10.1109/ECS.2014.6892671	https://www.scopus.com/pages/publications/84908631873?origin=resultslist	Scopus
296	Krishnan S.S.; Balamurugan N.; Kumutha R.; Mahalakshmi S.	Solubility studies of haloglycine by quantum mechanical method	2013	25	4	2007	2011	0	10.14233/ajchem.2013.13273	https://www.scopus.com/pages/publications/84875163485?origin=resultslist	Scopus
297	Balakrishnan G.; Sairam T.N.; Reddy V.R.; Kuppusami P.; Song J.I.	Microstructure and optical properties of Al2O 3/ZrO2 nano multilayer thin films prepared by pulsed laser deposition	2013	140	1	60	65	18	10.1016/j.matchemphys.2013.02.053	https://www.scopus.com/pages/publications/84877576503?origin=resultslist	Scopus
298	Balakrishnan G.; Bandi V.R.; Rajeswari S.M.; Balamurugan N.; Babu R.V.; Song J.I.	Effect of oxygen partial pressure on microstructural and optical properties of titanium oxide thin films prepared by pulsed laser deposition	2013	48	11	1901	1906	21	10.1016/j.materresbull.2013.07.009	https://www.scopus.com/pages/publications/84893686776?origin=resultslist	Scopus
299	Balakrishnan G.; Thanigaiarul K.; Sudhakara P.; Song J.I.	Microstructural and optical properties of nanocrystalline undoped zirconia thin films prepared by pulsed laser deposition	2013	110	2	427	432	25	10.1007/s00339-012-7232-8	https://www.scopus.com/pages/publications/84883788679?origin=resultslist	Scopus
300	Amuthadevi C.; Rajagopalan S.P.	Brain stroke classification based on multi-layer perceptron using watershed segmentation and gabor filter	2013	56	3	410	416	7		https://www.scopus.com/pages/publications/84887082772?origin=resultslist	Scopus
301	Balakrishnan G.; Kuppusami P.; Sastikumar D.; Song II J.	Growth of nanolaminate structure of tetragonal zirconia by pulsed laser deposition	2013	8	1	1	7	20	10.1186/1556-276X-8-82	https://www.scopus.com/pages/publications/84875193510?origin=resultslist	Scopus
302	Subramaniam L.; Sendilvelan S.	Modal Analysis of a Centrifugal Pump Impeller	2012	79	1	5	14	8		https://www.scopus.com/pages/publications/8486	Scopus

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303	Balakrishnan G.; Kuppusami P.; Murugesan S.; Mohandas E.; Sastikumar D.	High temperature x-ray diffraction studies of zirconia thin films prepared by reactive pulsed laser deposition	2012	47	4	415	422	12	10.1002/crat.201100229	https://www.scopus.com/pages/publications/84859311990?origin=resultslist	Scopus
304	Balakrishnan G.; Kuppusami P.; Murugesan S.; Ghosh C.; Divakar R.; Mohandas E.; Sastikumar D.	Characterization of Al 2O 3/ZrO 2 nano multilayer thin films prepared by pulsed laser deposition	2012	133	1	299	303	13	10.1016/j.matchemphys.2012.01.027	https://www.scopus.com/pages/publications/84857790574?origin=resultslist	Scopus
305	Prabhahar M.; Murali Manohar R.; Sendilvelan S.	Performance and emissions characteristics of a diesel engine with various injection pressures using biodiesel	2012	5	6	2880	2884	27		https://www.scopus.com/pages/publications/84864307116?origin=resultslist	Scopus
306	Krishnan S.S.; Kumutha R.; Balamurugan N.; Krishnan V.S.	Computational molecular characterization of thiourea and its derivatives	2012	24	11	4878	4882	1		https://www.scopus.com/pages/publications/84864403858?origin=resultslist	Scopus
307	Murali Manohar R.; Prabhahar M.; Sendilvelan S.	Experimental investigation of combustion and emission characteristics of engine is fueled with diesel and UVOME blends of B20K and B80K	2012	76	3	327	334	24		https://www.scopus.com/pages/publications/84861615016?origin=resultslist	Scopus
308	Prabhahar M.; Muralimanohar R.; Sendilvelan S.	Performance, emission and combustion characteristics of a direct injection diesel engine with pongamia methyl ester and diesel blends	2012	73	4	504	511	26		https://www.scopus.com/pages/publications/84859410162?origin=resultslist	Scopus
309	Murali Manohar R.; Prabhahar M.; Sendil Velan S.; Kumar Choudhary V.	Thermal and emission properties of engine fueled with diesel and bio-diesel blends of B20N, B80N,	2012			111	115	1		https://www.scopus.com/pages/publications/84888769133?origin	Scopus

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310	Balakrishnan G.; Sundari S.T.; Kuppusami P.; Mohan P.C.; Srinivasan M.P.; Mohandas E.; Ganesan V.; Sastikumar D.	A study of microstructural and optical properties of nanocrystalline ceria thin films prepared by pulsed laser deposition	2011	519	8	2520	2526	77	10.1016/j.tsf.2010.12.013	https://www.scopus.com/pages/publications/79551495759?origin=resultslist	Scopus
311	Balakrishnan G.; Kuppusami P.; Murugesan S.; Ghosh C.; Ramachandran D.; Mohandas E.; Sastikumar D.	Thermal stability of CeO2/ZrO2 multilayer thin films prepared by pulsed laser deposition	2011	64	3	297	299	5	10.1007/s12666-011-0060-2	https://www.scopus.com/pages/publications/80052594667?origin=resultslist	Scopus
312	Balakrishnan G.; Sairam T.N.; Kuppusami P.; Thiumurugesan R.; Mohandas E.; Ganesan V.; Sastikumar D.	Influence of oxygen partial pressure on the properties of pulsed laser deposited nanocrystalline zirconia thin films	2011	257	20	8506	8510	33	10.1016/j.apsusc.2011.05.003	https://www.scopus.com/pages/publications/79959371099?origin=resultslist	Scopus
313	Murali Manohar R.; Sendil Velan S.; Prabhahar M.; Antony Casmir Jayaseelan G.	An experimental and comparative approach of thermal and emission behavior of engine fueled with diesel and bio-diesel blends	2011			94	99	2	10.1109/GTEC.2011.6167646	https://www.scopus.com/pages/publications/84859908622?origin=resultslist	Scopus
314	Pauline S.A.; Sahila S.; Gopalakrishnan C.; Nanjundan S.; Rajendran N.	Synthesis, characterization and corrosion protection property of terpolymers derived from poly(MAn-co-MMA) containing benzimidazole derivative as pendant group	2011	72	3	443	452	38	10.1016/j.porgcoat.2011.06.001	https://www.scopus.com/pages/publications/80054040887?origin=resultslist	Scopus