

# K.S.RANGASAMY COLLEGE OF TECHNOLOGY

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## List of Scopus Indexed Journal Publications

Calendar year: **2023**

S.No	Authors	Title	Source title	Vol.	Issue	S. Page	E. Page	Year
1	Vetrithangam D.; Shruti P.; Arunadevi B.; Himabindu R.; Naresh Kumar P.; Ramesh Kumar A.	Optimum Feature Selection Based Breast Cancer Prediction Using Modified Logistic Regression Model	Journal of Theoretical and Applied Information Technology	101	8	2895	2908	2023
2	Jayasurya B.R.; Swathy J.S.; Sussha D.; Sharma S.	<a href="#">Molecular Docking And Investigation Of Boswellia Serrata Phytocompounds As Cancer Therapeutics To Target Growth Factor Receptors: An In Silico Approach</a>	International Journal of Applied Pharmaceutics	15	4	173	183	2023
3	Karthikeyan S.; Dhanakodi K.; Surendhiran S.; Vanasundari K.; Arunraja L.; Rajamanickam A.T.	<a href="#">Unveiling the photocatalytic property of La<sub>2</sub>O<sub>3</sub>-CuO nanocomposites for organic pollutants in wastewater treatment</a>	Journal of the Indian Chemical Society	100	11			2023
4	Aruchamy K.; Palaniappan S.K.; Lakshminarasimhan R.; Mylsamy B.; Dharmalingam S.K.; Ross N.S.; Pavayee Subramani S.	<a href="#">An Experimental Study on Drilling Behavior of Silane-Treated Cotton/Bamboo Woven Hybrid Fiber Reinforced Epoxy Polymer Composites</a>	Polymers	15	14			2023
5	Saha R.; Subramani K.; Dey S.; Sikdar S.; Incharoensakdi A.	<a href="#">Physicochemical properties of green synthesised ZnO nanoparticles and utilisation for treatment of breast cancer</a>	Process Biochemistry	129		170	184	2023
6	Kandhasamy N.; Arumugam K.; Murugadoss G.; Venkatachalam R.	<a href="#">Hydrothermally distributed heterostructure Ni-Mo-S/rGO nanocomposite for supercapacitor application</a>	Inorganic Chemistry Communications	155				2023
7	Madhavi S.; Praveen R.; Jagadish Kumar N.; Udhaya Sankar S.M.	<a href="#">Hybrid Grey PIPRECIA and Grey OCRA method-based dynamic multi-criteria decision-making model for mitigating non-cooperating node attacks in WSNs</a>	Peer-to-Peer Networking and Applications	16	5	2607	2629	2023
8	Aruchamy K.; Mylsamy B.; Palaniappan S.K.; Subramani S.P.; Velayutham T.; Rangappa S.M.; Siengchin S.	<a href="#">Influence of weave arrangements on mechanical characteristics of cotton and bamboo woven fabric reinforced composite laminates</a>	Journal of Reinforced Plastics and Composites	42	15-16	776	789	2023
9	Madhavi S.; Santhosh N.C.; Rajkumar S.; Praveen R.	<a href="#">Pythagorean Fuzzy Sets-based VIKOR and TOPSIS-based multi-criteria decision-making model for mitigating resource deletion attacks in WSNs</a>	Journal of Intelligent and Fuzzy Systems	44	6	9441	9459	2023

10	Brinda B.M.; Rajan C.	<a href="#">Chronic Kidney Disease Diagnosis Using Conditional Variational Generative Adversarial Networks and Squirrel Search Algorithm</a>	Information Technology and Control	52	4	1073	1086	2023
11	Susendiran P.; Srinithy T.; Premalatha C.	Review on natural fiber nonwoven geotextile	Asian Textile Journal	32	5	46	51	2023
12	Subbaiyan R.; Ganesan A.; Varadharajan V.	<a href="#">Bioprospecting and Exploration of the Natural Antifouling Approaches against Marine Foulers</a>	Journal of Pure and Applied Microbiology	17	3	1374	1390	2023
13	Senthilraja S.; Gangadevi R.; Kötten H.; Thangavel S.; Baskaran M.; Awad M.M.	<a href="#">Energy analysis of solar powered hydrogen production system with CuO/water nanofluids: An experimental investigation</a>	Journal of King Saud University - Engineering Sciences	35	8	525	530	2023
14	Shantharaman P.P.; Anandkrishnan V.; Sathish S.; Ravichandran M.; Naveenkumar R.; Jayasathyakawin S.; Rajesh S.	<a href="#">Investigations on the microstructure and properties of yttria and silicon carbide reinforced aluminium composites</a>	Heliyon	9	4			2023
15	Vasudevan D.; Kumaravel A.; Murugesan A.; Mugil A.; Karthi B.; Kumar K.K.	<a href="#">Exfoliated carbon nitrides for corrosion prevention in radiators: temperature-dependent corrosion analysis</a>	Digest Journal of Nanomaterials and Biostructures	18	3	985	994	2023
16	Killivalavan G.; Mathankumar M.; Murugesan B.	Conductive properties of polypyrrole and polyaniline filaments	Asian Textile Journal	32	5	52	55	2023
17	Rajendran S.; Montecinos R.; Cisterna J.; Prabha K.; Rajendra Prasad K.J.; Palakurthi S.S.; Aljabali A.A.A.; Naikoo G.A.; Mishra V.; Acevedo R.; Sayin K.; Charbe N.B.; Tambuwala M.M.	<a href="#">Enhanced Method for the Synthesis and Comprehensive Characterization of 1-(4-Phenylquinolin-2-yl)propan-1-one</a>	ACS Omega	8	46	43573	43585	2023
18	Ayyappadasan G.; Rubavathi S.; Kanimozli S.	<a href="#">Formulation and Evaluation of Polyherbal-Spirulina Based Conditioning and Antioxidant Shampoo</a>	Research Journal of Pharmacy and Technology	16	5	2317	2321	2023
19	Subramani K.; Saha R.; Sivaramakrishnan R.; Incharoensakdi A.	<a href="#">Novel smart fiber/metal/chitosan composite as a filter for self-detoxifying photocatalytic wastewater remediation and biomedical applications</a>	Environmental Research	236				2023
20	Kolandasamy M.; Mandal A.K.A.; Balasubramanian M.G.; Ponnusamy P.	<a href="#">Multifaceted plant growth-promoting traits of indigenous rhizospheric microbes against Phomopsis theae, a causal agent of stem canker in tea plants</a>	World Journal of Microbiology and Biotechnology	39	9			2023
21	Barathkumar S.; Sabari Sree Aravind R.; Padmalatha D.; Murugesan B.	Electromagnetic radiation shielding clothing using metal filaments and textile materials	Asian Textile Journal	32	5	56	59	2023
22	Pradeep S.; Nirmaladevi P.	<a href="#">URS-Nets++ : unified dense residual networks with multi-headed attention layers for removal of EMI noise from CT images</a>	Signal, Image and Video Processing	17	8	4405	4413	2023
23	Thangavelu N.; Duraisamy S.K.; Devarajan V.	<a href="#">Influence of TiO2 thin film on critical heat flux and performance enhancement of pool boiling at atmospheric pressure</a>	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	237	13	3073	3085	2023

24	Jayagopal V.; Elangovan M.; Singaram S.S.; Shanmugam K.B.; Subramaniam B.; Bhukya S.	<a href="#">Intrusion Detection System in Industrial Cyber-Physical System Using Clustered Federated Learning</a>	SN Computer Science	4	5			2023
25	Karthikeyan K.; Tamizharasan D.; Abdeljawad T.; Nisar K.S.	<a href="#">Wellposedness of impulsive functional abstract second-order differential equations with state-dependent delay</a>	International Journal of Nonlinear Sciences and Numerical Simulation	24	4	1355	1368	2023
26	Mahadevan R.; Palanisamy S.; Sakthivel P.	<a href="#">Role of nanoparticles as oxidation catalyst in the treatment of textile wastewater: Fundamentals and recent advances</a>	Sustainable Chemistry for the Environment	4				2023
27	Shanmugam B.K.; Arumugam K.; Srinivasan S.; Narayanasamy S.; Saravanan S.	<a href="#">A structural and phase influences the physico-chemical, in vitro bioactivity of alumina-zirconia nanoparticles loaded chitosan-sodium alginate scaffold for biomedical applications</a>	Polymers for Advanced Technologies	34	8	2633	2645	2023
28	Senthil Kumar K.; Anandamurugan S.	<a href="#">An power and bound-Aware optimised scheduler for virtualized cloud computing</a>	Journal of Intelligent and Fuzzy Systems	45	5	8335	8348	2023
29	Chackaravarthi G.; Alharbi N.S.; Mythili Gnanamangai B.; Ramachandran G.; Kanisha Chelliah C.; Rajivgandhi G.; Maruthupandy M.; Quero F.; Natesan M.; Li W.-J.	<a href="#">Anti-biofilm efficacy of marine actinomycete mediated zinc oxide nanoparticles increased the intracellular damages in biofilm forming K. pneumoniae</a>	Journal of King Saud University - Science	35	4			2023
30	Karthikeyan S.; Dhanakodi K.; Surendhiran S.; Jagan K.S.G.; Lenin N.; Dhatchinamurthy L.; Rajamanickam A.T.	<a href="#">Sonochemical synthesis of Sn-doped La2O3 nanoparticles and its application for the photocatalytic degradation of hazardous pollutants</a>	Journal of Materials Science: Materials in Electronics	34	14			2023
31	Prabha K.; Satheeshkumar R.; Aathi M.S.; Chandrasekar C.; Sukantha T.A.; Gnanamangai B.M.; Acevedo R.; Sayin K.; Prasad K.J.R.	<a href="#">Eaton's reagent is an alternative of PPA: Solvent free synthesis, molecular docking and ADME studies of new angular and linear carbazole based naphtho naphthyridines</a>	Tetrahedron	135				2023
32	Kowsalya M.; Velmurugan T.; Mythili R.; Kim W.; Sudha K.G.; Ali S.; Kalpana B.; Ramalingam S.; Prasanna Rajeshkumar M.	<a href="#">Extraction and characterization of exopolysaccharides from Lactiplantibacillus plantarum strain PRK7 and PRK 11, and evaluation of their antioxidant, emulsion, and antibiofilm activities</a>	International Journal of Biological Macromolecules	242				2023
33	Ramkumar M.; Alagarsamy M.; Balakumar A.; Pradeep S.	<a href="#">Ensemble classifier fostered detection of arrhythmia using ECG data</a>	Medical and Biological Engineering and Computing	61	9	2453	2466	2023
34	Shibu M.C.; Benoy M.D.; Kumar G.S.; Duraimurugan J.; Vasudevan V.; Shkir M.; AL-Otaibi O.	<a href="#">Hydrothermal-assisted synthesis and characterization of MWCNT/copper oxide nanocomposite for the photodegradation of methyl orange under direct sunlight</a>	Diamond and Related Materials	134				2023

35	Shivaji K.; Sridharan K.; Kirubakaran D.D.; Velusamy J.; Emadian S.S.; Krishnamurthy S.; Devadoss A.; Nagarajan S.; Das S.; Pitchaimuthu S.	<a href="#">Biofunctionalized CdS Quantum Dots: A Case Study on Nanomaterial Toxicity in the Photocatalytic Wastewater Treatment Process</a>	ACS Omega	8	22	19413	19424	2023
36	Pownraj C.; Karthik A.; Suresh S.; Arasu A.V.; Katiyar J.K.	<a href="#">Investigation of tribo-thermal properties of inter-mixed AYSZ nanoceramic composite/SAE20W40 nanolubricant</a>	Journal of Thermal Analysis and Calorimetry	148	22	12411	12420	2023
37	Galgale S.; Zainab R.; Pradeep Kumar A.; Nithya M.; Susha D.; Sharma S.	<a href="#">Molecular Docking And Dynamic Simulation-Based Screening Identifies Inhibitors Of Targeted Sars-Cov-2 3Clpro And Human Ace2</a>	International Journal of Applied Pharmaceutics	15	6	297	308	2023
38	Surendran R.; Kumaravel A.	<a href="#">Optimization of wear properties on LM24 aluminium alloy reinforced with nano alumina and graphite using response surface methodology</a>	Journal of Ceramic Processing Research	24	5	899	906	2023
39	Madhavi S.; Udhaya Sankar S.M.; Praveen R.; Jagadish Kumar N.	<a href="#">A fuzzy COPRAS-based decision-making framework for mitigating the impact of vampire sensor nodes in wireless sensor nodes (WSNs)</a>	International Journal of Information Technology (Singapore)	15	4	1859	1870	2023
40	Vishwajayarajan R.D.; Kuriakose R.; Devanand G.	Analysis of mechanism of weft insertion system by electromagnetic field	Asian Textile Journal	32	11-Oct	50	56	2023
41	K B.; R D.; Sinha B.B.; R G.	<a href="#">Clock synchronization in industrial Internet of Things and potential works in precision time protocol: Review, challenges and future directions</a>	International Journal of Cognitive Computing in Engineering	4		205	219	2023
42	Kandasamy S.; Meenachi S.; Ohm Prakash K.; Kr S.K.; Thamarai Kannan V.	<a href="#">Removal of chromium from tannery wastewater by rice husk ash nanosilica</a>	Applied Research	2	5			2023
43	Subbaiyan R.; Ganesan A.	<a href="#">Modeling and optimization of antibacterial effect of lichen-associated bacteria, Bacillus subtilis KSRLAB3 strain against marine fouling bacteria, Vibrio alginolyticus</a>	Biotechnology and Applied Biochemistry	70	5	1616	1628	2023
44	Arunachalam E.; Yogesh V.R.; Devanand G.	Natural fibres as composite material in automotive industry	Asian Textile Journal	32	6	37	43	2023
45	Subbaiyan R.; Ganesan A.; Sasikumar B.; Rajendran S.; Ramasubramanian B.	<a href="#">Synthesis and Characterization of Ferrous and Copper Nanoparticles from E-Waste Using Biological Reduction by Lichen-Associated Bacteria and Their Application in Antifouling Activity</a>	Applied Biochemistry and Biotechnology	195	5	3142	3155	2023
46	Sajimon A.; Edakkadan A.S.; Subhash A.J.; Ramya M.	<a href="#">Incorporating oregano (Origanum vulgare L.) Essential oil onto whey protein concentrate based edible film towards sustainable active packaging</a>	Journal of Food Science and Technology	60	9	2408	2422	2023
47	Ragupathi C.; Narayanan S.; Tamizhdurai P.; Sukantha T.A.; Ramalingam G.; Pachamuthu M.P.; Mangesh V.L.; Kumar N.S.; Al-Fatesh A.S.; Kasim S.O.	<a href="#">Correlation between the particle size, structural and photoluminescence spectra of nano NiCr2O4 and La doped NiCr2O4 materials</a>	Heliyon	9	11			2023

48	Raqib Hussain A.; Elango M.K.	<a href="#">Optimal location of micro-phasor measurement units in distribution system control, monitoring, and protection using hybrid technique</a>	Optimal Control Applications and Methods	44	5	2861	2882	2023
49	Juliet Sheela K.; Suthanthira Kumar P.	<a href="#">Impact of VO<sub>2</sub><sup>+</sup> ions on the electron paramagnetic resonance and optical studies of Zn[CH<sub>2</sub>NH<sub>2</sub>COOH]SO<sub>4</sub> single crystal: an exploration of spin Hamiltonian and molecular orbital parameters</a>	Applied Physics A: Materials Science and Processing	129	11			2023
50	Ramya R.; Kumar P.	<a href="#">High-performance deep transfer learning model with batch normalization based on multiscale feature fusion for tomato plant disease identification and categorization</a>	Environmental Research Communications	5	12			2023
51	Manikandan R.; Sadhasivam S.; Lee S.; Seung-Cheol Chang; Ashok Kumar K.; Bathula C.; Gopalan Sree V.; Young Kim D.; Sekar S.	<a href="#">Deep eutectic solvents assisted synthesis of AC-decorated NiO nanocomposites for hydrogen evolution reaction</a>	Journal of Molecular Liquids	375				2023
52	Vasanthi Shanmugam S.; Palaniyandy N.; Arumugam K.; Venkatachalam R.	<a href="#">One pot green synthesis of few-layer graphene (FLG) by simple sonication of graphite and Azadirachta Indica resin in water for high-capacity and excellent cyclic behavior of rechargeable lithium-ion battery</a>	Diamond and Related Materials	138				2023
53	Karthick M.; Surendhiran S.; Jagan K.S.G.; Savitha S.; Vidaarth T.M.N.; Balu K.S.; Jaganathan M.; Karthik A.; Kalpana B.	<a href="#">Synthesis and characterization of Araucaria columnaris leaf-mediated NiO nanoparticles for removal of pharmaceutical pollutants in municipal water bodies</a>	Applied Physics A: Materials Science and Processing	129	9			2023
54	Rajendran K.; Ponmurugan P.; Gnanamangai B.M.; Karuppiah P.; Shaik M.R.; Khan M.; Khan M.; Shaik B.	<a href="#">Bioefficacy of Lecanoric Acid Produced by Parmotrema austrosinense (Zahlbr.) Hale against Tea Fungal Pathogens</a>	Horticulturae	9	6			2023
55	Kaladevi P.; Punitha V.V.; Muthusankar D.; Praveen R.	<a href="#">Breast cancer diagnosis using Orca predation optimization algorithm</a>	Journal of Intelligent and Fuzzy Systems	45	3	3855	3873	2023
56	Senthil Kumar K.; Anandamurugan S.	<a href="#">An Energy and Deadline-Aware Scheduler with Hybrid Optimization in Virtualized Clouds</a>	Journal of Electrical Engineering and Technology	18	6	4415	4424	2023
57	Thenmozhi R.B.; Suresh R.; Srividhya B.; Baskaran P.; Subramanian R.	<a href="#">Effect of Sugarcane Juice Stabilized Synthesis of Hydroxyapatite Nanoparticles, Characterization and Morphology Studies</a>	Biointerface Research in Applied Chemistry	13	3			2023
58	Anand Babu V.; Kumaravel A.; Manikandan R.	<a href="#">Microstructure, mechanical and wear characteristics of CeO<sub>2</sub>-Mg metal matrix composites</a>	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	237	2	430	440	2023
59	Subburaayasaran A.S.; Jegan K.; Udhayakumar M.	Manufacturing methods and finishes applied on fire retardant fabrics	Asian Textile Journal	32	12	25	28	2023

60	Jagan K.S.G.; Surendhiran S.; Savitha S.; Balu K.S.; Karthick M.; Naren Vidarth T.M.; Karthik A.; Kalpana B.; Senthilmurugan R.	<a href="#">Influence of different alkaline actuators in synthesis of NiO NPs: A comparative green approach on photocatalytic and in vitro biological activity</a>	Inorganic Chemistry Communications	151					2023
61	Kathiresan K.; Suthanthirakumar P.; Mariyappan M.	<a href="#">A potential red-light-emitting Pr<sup>3+</sup>-doped novel silicate phosphors: Judd–Ofelt analysis and photoluminescence properties</a>	Journal of Materials Science: Materials in Electronics	34	16				2023
62	Priyan S.R.; Kumar G.S.; Surendhiran S.; Shkir M.	<a href="#">Size-controlled synthesis of mesoporous silica nanoparticles using rice husk by microwave-assisted sol–gel method</a>	International Journal of Applied Ceramic Technology	20	5	2807	2816		2023
63	Subburaayasaran A.S.; Hari S.B.; Infantmahimairaj A.	Antimicrobial finish on cotton fabric by using black turmeric	Asian Textile Journal	32	2-Jan	39	42		2023
64	Yogesh R.; Santhosh P.; Rajkumar R.; Murugesan B.	A review of textile preforms depending upon structures in composites	Asian Textile Journal	32	4-Mar	25	34		2023
65	Pradeep T.; Anandakumar S.; Sampathkumar V.; Mageshkumar P.	Gis-Based Analysis Of Rainfall Sustainability In Lower Noyyal Sub-Basin, Cauvery River, Tamil Nadu, India	Journal of Environmental Protection and Ecology	24	2	611	621		2023
66	Murugan M.; Arthanarisamy M.; Subbaiyan R.; Alagumalai A.	<a href="#">Effect on DI-Cl naturally aspirated engine influenced by biodiesel blends doped with green synthesized silver nanofuel additive</a>	Environmental Progress and Sustainable Energy	42	2				2023
67	Mohanraj R.; Gnanamangai B.M.; Ramesh K.; Ponmurugan P.	<a href="#">Kinetic modelling and process optimization of textile effluent treatment with bacterial gamma polyglutamic acid</a>	Journal of Environmental Biology	44	4	175	184		2023
68	Manjunath A.; Anandakrishnan V.; Ramachandra S.; Parthiban K.; Sathish S.	Tribological analysis of wire additive manufactured Ti-6Al-4V by electron beam source	Jurnal Tribologi	36		86	98		2023
69	Sekar S.; Sadhasivam S.; Nangai E.K.; Saravanan S.; Kim D.Y.; Lee S.	<a href="#">Enhanced Hydrogen Evolution Reaction Performances of Ultrathin CuBi<sub>2</sub>O<sub>4</sub> Nanoflakes</a>	International Journal of Energy Research	2023					2023
70	Prasath B.; Akila M.; Mohan M.	<a href="#">A Comprehensive Survey on IoT-Aided Pest Detection and Classification in Agriculture Using Different Image Processing Techniques</a>	International Journal of Image and Graphics						2023
71	Budamagunta V.; Shameem N.; Irusappan S.; Parray J.A.; Thomas M.; Marimuthu S.; Kirubakaran R.; Arul Jothi K.N.; Sayyed R.Z.; Show P.L.	<a href="#">Nanovesicle and extracellular polymeric substance synthesis from the remediation of heavy metal ions from soil</a>	Environmental Research	219					2023
72	Ranganathan A.; Rangasamy B.	Heterogeneous Precision Agriculture With Improved Node Selection And Distributed Clustering Algorithm	Journal of Environmental Protection and Ecology	24	4	1440	1449		2023
73	Thillaikkarasi D.; Karthikeyan S.; Ramesh R.; Sengodan P.; Malarvizhi M.; Kavitha D.; Nirmala V.	<a href="#">Facile synthesis of activated carbon and multiwalled carbon nanotubes and comparative performance of various AC-MWCNTs supercapacitor electrodes</a>	Journal of Materials Science: Materials in Electronics	34	5				2023

74	Velumani M.; Mohanraj R.; Krishnasamy R.; Yuvaraj K.	<a href="#">Durability Evaluation of Cactus-infused M25 Grade Concrete as a Bio-admixture</a>	Periodica Polytechnica Civil Engineering	67	4	1066	1079	2023
75	Gobinath G.N.; Ramesh S.	<a href="#">Assessment Of Geochemical Characteristics For Agricultural Land Use In Perundurai Taluk, Erode District, Tamilnadu, India</a>	Carpathian Journal of Earth and Environmental Sciences	18	2	343	351	2023
76	Velmurugan G.; Karunakaran P.; Sampath P.S.; Varahamoorthi R.	<a href="#">Experimental Study of Sugarcane Bagasse Fiber with Rice Husk and Wood Powder Polymer Matrix Composite</a>	Journal of Natural Fibers	20	2			2023
77	Mahalakshmi K.; Kousalya K.	Machine Learning-Based Storage Integrity Auditing In Distributed Cloud Environment With Risk Assessment	Journal of Environmental Protection and Ecology	24	7	2279	2289	2023
78	Karthikeyan K.; Senthil Raja D.; Sundararajan P.	Existence Results For Abstract Fractional Integro Differential Equations	Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis	30	2	109	119	2023
79	Suganya Baby N.; Dhavamani M.; Kumaravel A.	<a href="#">A New Perspective for Solving the System of Differential Equations Describing Arm Race Model in Neutrosophic Environment</a>	Mathematical Problems in Engineering	2023				2023
80	Kandasamy K.; Surendhiran S.; Jagan K.S.G.; Kumar G.S.; Khadar Y.A.S.; Rajasingh P.	<a href="#">Green synthesis of CdS Quantum dots for photocatalytic and anti-corrosive applications in aqueous media</a>	Applied Surface Science Advances	13				2023
81	Mahendran A.; Kavitha C.; Sakthivel K.	A QoS BASED PROGRESSIVE LINK PREDICTION MATHEMATICAL APPROACH FOR DATA TRANSFER IN MANET	Journal of Theoretical and Applied Information Technology	101	2	995	1005	2023
82	Balasubramani G.; Thangavelu V.	<a href="#">Thermal Image Analysis of Photovoltaic Panel for Condition Monitoring Using Hybrid Thermal Pixel Counting Algorithm and XGBoost Classifier</a>	Electric Power Components and Systems					2023
83	Sundaram M.; Sengodan K.; Arumugam S.	<a href="#">Mathematical modeling and statistical approach in tannery wastewater treatment</a>	Water Environment Research	95	3			2023
84	Murugesan B.; Dessie Wolela A.; Mahendragowda R.V.	<a href="#">Investigation on the Flammability and Washing Durability of Trevira CS and Its Blends with Cotton, Modal, and Acrylic Fabrics</a>	Journal of Chemistry	2023				2023
85	Javed M.A.; Schwelm A.; Zamani-Noor N.; Salih R.; Silvestre Vañó M.; Wu J.; González García M.; Heick T.M.; Luo C.; Prakash P.; Pérez-López E.	<a href="#">The clubroot pathogen Plasmodiophora brassicae: A profile update</a>	Molecular Plant Pathology	24	2	89	106	2023
86	Kandhasamy N.; Preethi L.K.; Mani D.; Walczak L.; Mathews T.; Venkatachalam R.	<a href="#">RGO nanosheet wrapped <math>\beta</math>-phase NiCu<sub>2</sub>S nanorods for advanced supercapacitor applications</a>	Environmental Science and Pollution Research	30	7	18546	18562	2023
87	Jerophin N.; Rubavathi S.; Kalaivani K.; Ayyappadasan G.	<a href="#">Formulation And Evaluation Of Uv Resistant Property Of The Herbal Cream Using Cruciferous Vegetables Leaves</a>	Carpathian Journal of Food Science and Technology	15	4	192	205	2023

88	Utchimuthu N.; Ramesh S.; Mageshkumar P.; Suresh M.	An Integrated Geophysics And Geoinformatics Approach To The Mapping Of Groundwater Potential Zones In Upper Noyyal River Basin, Tamil Nadu, India	Journal of Environmental Protection and Ecology	24	4	1493	1506	2023
89	Dharmalingam M.; Ponnusamy K.; Rajendiran T.; Murali L.	Vegetation Analysis Using Landsat 8 Based Estimates: Case Study Of A Vaniyar Irrigation Area, Pappireddipatti, Dharmapuri, Tamil Nadu, India	Journal of Environmental Protection and Ecology	24	2	600	610	2023
90	Mohan M.; Akila M.; Prasath B.	<a href="#">A review of plant disease detection and classification methods</a>	International Journal of Modelling and Simulation					2023
91	Kaladevi P.; Janakiraman S.; Ramalingam P.; Muthusankar D.	<a href="#">An improved ensemble classification-based secure two stage bagging pruning technique for guaranteeing privacy preservation of DNA sequences in electronic health records</a>	Journal of Intelligent and Fuzzy Systems	44	1	149	166	2023
92	Premalatha C.; Kumar M.R.; Udaya Krithika S.M.; Prakash C.	<a href="#">Analysis of thermal comfort properties of tri-layer knitted fabrics</a>	Journal of Natural Fibers	20	1			2023
93	Venkatesan R.; Sabari A.	<a href="#">Deepsentimodels: A Novel Hybrid Deep Learning Model for an Effective Analysis of Ensembled Sentiments in E-Commerce and S-Commerce Platforms</a>	Cybernetics and Systems	54	4	526	549	2023
94	Senthilkumar R.; Balamurugan R.	<a href="#">Adaptive Fuzzy-Based SMC for Controlling Torque Ripples in Brushless DC Motor Drive Applications</a>	Cybernetics and Systems	54	7	1132	1153	2023
95	Parthiban P.; Kar S.; Kumar Mondal A.; Gunasekar S.; Shaisundaram V.S.	<a href="#">Stress-strain behaviour of (hpfrc) high-performance fibre reinforced concrete: An experimental study</a>	Materials Today: Proceedings	80		3119	3123	2023
96	Karthikeyan S.; Dhanakodi K.; Surendhiran S.; Jagan K.S.G.; Thirunavukkarasu P.; Arunraja L.	<a href="#">Effect of synthesis parameters on the structural, morphological characteristics, and photocatalytic activity of La2O3 nanoparticles</a>	Journal of the Indian Chemical Society	100	1			2023
97	Karthikeyan K.; Tamizharasan D.; Ege O.	<a href="#">Results on controllability and well-posedness of functional abstract second-order differential equations with state-dependent delay</a>	Applicable Analysis	102	11	3185	3198	2023
98	Radha R.; Gopalakrishnan R.	<a href="#">Enhanced Feature Fusion Segmentation for Tumor Detection Using Intelligent Techniques</a>	Intelligent Automation and Soft Computing	35	3	3113	3127	2023
99	Subbaiyan R.; Ganesan A.; Dhanuskodi S.	<a href="#">Ecolichenology of Eastern Ghats diversity against climatic fluctuations in Kolli Hills, India</a>	Biodiversitas	24	1	625	635	2023
100	Baskaran M.; Senthilraja S.; Sathish S.; Khan M.A.	<a href="#">Effect of Al2O3 water nanofluid quenching on the mechanical behaviour of the mild steel</a>	Materials Today: Proceedings					2023
101	Senthil Raja D.; Sundararajan P.; Chalishajar D.N.; Karthikeyan K.	Existence of the classical and strong solutions for fractional impulsive semilinear integro differential equations	Nonlinear Studies	30	1	183	197	2023
102	Velumani M.; Nirmalkumar K.; Yuvaraj K.	<a href="#">Copper slag and high-strength concrete</a>	Materials Today: Proceedings					2023



103	Pooja P.; Girija V.; Vidhya K.; Carmichael M.J.; Nithya B.; Sureshkumar M.P.	<a href="#">Beam-column joint: Structural behaviour using hybrid fibres</a>	Materials Today: Proceedings	80		3189	3192	2023
104	Muthukumar S.; Sureshkumar S.; El-Sapa S.; Chamkha A.J.	<a href="#">Impacts of uniform and sinusoidal heating in a nanofluid saturated porous chamber influenced by the thermal radiation and the magnetic field</a>	Numerical Heat Transfer; Part A: Applications	84	5	488	506	2023
105	Dhanalakshmi R.; Balakrishnan K.; Sinha B.B.; Gopalakrishnan R.	<a href="#">Tomato leaf disease identification by modified inception based sequential convolution neural networks</a>	Imaging Science Journal	71	5	408	424	2023
106	Abinesh T.; Vijayakumar K.; Sampath M.B.; Murugesan B.	Influence of plasma treatment on comfort properties of regenerated bamboo knitted fabric	Asian Textile Journal	32	2-Jan	24	27	2023
107	Sathish S.; Aneesh S.; Naveen Vigneshwaran S.; Nithish Kumar E.K.; Ravichandran M.; Anaz Khan M.	<a href="#">Role of areca fibres on the mechanical behavior of natural fibre reinforced polymer composite</a>	Materials Today: Proceedings					2023
108	Manikandan T.R.; Thangavelu V.	<a href="#">Combined Economic and Emission Power Dispatch Control Using Substantial Augmented Transformative Algorithm</a>	Intelligent Automation and Soft Computing	35	1	431	447	2023
109	Rakesh V.; Balamurugan R.	<a href="#">AI Topology based sensor fault diagnosis in induction motor drive</a>	Journal of Intelligent and Fuzzy Systems	44	1	329	339	2023
110	Savitha S.; Surendhiran S.; Jagan K.S.G.; Karthik A.; Kalpana B.; Senthilmurugan R.	<a href="#">Evaluation of the physicochemical characteristics and photocatalytic activity of cobalt oxide nanoparticles derived from Moringa seed extract</a>	Journal of Materials Science: Materials in Electronics	34	2			2023
111	Kolathupalayam Shanmugam B.; Murugan V.; Karthik A.; Rangaraj S.; Subramani K.; Srinivasan S.; Kandhasamy N.; Aicher W.K.; Rajendran V.	<a href="#">Silica incorporated chitosan-sodium alginate nanocomposite scaffolds for tissue engineering applications</a>	International Journal of Polymeric Materials and Polymeric Biomaterials	72	7	537	549	2023
112	Kolathupalayam Shanmugam B.; Rajendran N.; Arumugam K.; Rangaraj S.; Subramani K.; Srinivasan S.; Nayagam L.; Aicher W.K.; Venkatachalam R.	<a href="#">Curcumin loaded gold nanoparticles–chitosan/sodium alginate nanocomposite for nanotheranostic applications</a>	Journal of Biomaterials Science, Polymer Edition	34	7	875	892	2023