

K.S.R. College of Engineering - Tiruchengode
2024 - Publications

Authors	Title	Year	Source title	Link
Kunnamareddy M.; Natchimuthu K.; Tangavelu K.; Palanisamy S.; Diravidamani B.; Arumugam P.; Rajendran R.	Enhanced visible light photocatalytic degradation of methylene blue dye using efficient Mg/S co-doped TiO ₂ nanoparticles	2024	Biomass Conversion and Biorefinery	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158012031&doi=10.1007%2fs13399-023-04278-7&partnerID=40&md5=385a8ff955244b494a34cb57cf9ba9b0
Geetha M.; Renukadevi S.; Senthil Kumar D.; Ragupathy S.	Efficient photocatalytic degradation of rhodamine B using Ag-doped TiO ₂ -loaded groundnut shell activated carbon under solar light	2024	Ionics	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180236369&doi=10.1007%2fs11581-023-05344-w&partnerID=40&md5=75c91ce0b488ca66ebbf90c170c67ebc
Kalyanasundaram P.; Eniyaval K.; Ravi P.; Gowtham S.; Dineshkumar N.	Sign Up Wallet: A Blockchain based Personally Identifiable Information (PII) Masking using Lookup Substitution	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200547613&doi=10.1109%2fACCAI61061.2024.10601779&partnerID=40&md5=8d62878669b9b19c82e0a476c0f275fd
Jayakrishnan C.; Sheeja S.R.; Kumar G.S.; Lalithambigai K.; Duraimurugan J.; Alam M.M.	Hydrothermal assisted synthesis of shape-controlled zinc oxide nanostructures for tuneable photodegradation of methylene blue pollutant	2024	Journal of Sol-Gel Science and Technology	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201405344&doi=10.1007%2fs10971-024-06515-5&partnerID=40&md5=1b0f42f90b338db2c2a324d8c1e87b87
Sathiya R.; Yuvaraj D.N.	Swarm optimized differential evolution and probabilistic extreme learning based intrusion detection in MANET	2024	Computers and Security	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197036675&doi=10.1016%2fj.cose.2024.103970&partnerID=40&md5=c9b33fd2bba6293ed5961831266ced34
Stallon S.R.D.; Anand R.; Kannan R.; Rajasekaran S.	Optimal detection and classification of grid connected system using MSVM-FSO technique	2024	Environmental Science and Pollution Research	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190505521&doi=10.1007%2fs11356-024-32921-x&partnerID=40&md5=d6b1f4563cd3f6b22954fe2d72dccabf

Saravanakumar R.; Elango K.S.; Gnana Venkatesh S.; Saravanaganesh S.	Evaluation of Structural Stability of Four-Storied building using Non-Destructive Testing Techniques	2024	International Research Journal of Multidisciplinary Technovation	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196496836&doi=10.54392%2firjmt2441&partnerID=40&md5=6e224698667fc4782b348501c1cd9f35
Kumar A.R.; Ganesh S.R.	Interval type 2 fuzzy PI-enhanced state space model for battery management in battery electric utility vehicles operating in an indoor logistics environment	2024	Bulletin of the Polish Academy of Sciences: Technical Sciences	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198901128&doi=10.24425%2fbpasts.2024.150330&partnerID=40&md5=523903399c56807dfb3345a48329456f
Kanakarajan P.; Gopinath P.; Krishnakumar S.; Vivek P.M.	Impact of magnetic, thermal, structural, morphological and optical characteristics on room temperature ferromagnetism of pristine and cerium doped ZnO nanocomposites	2024	Digest Journal of Nanomaterials and Biostructures	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197292824&doi=10.15251%2fDJNB.2024.192.933&partnerID=40&md5=2c29f041bc61dca94e0d2aa72d34d536
Nallaiya Gounder K.; Murugesan R.; Madhaiyan V.; Aldosari O.	A high gain quasi Z-source based full-bridge isolated DC-DC converter with extendable structure for grid-tied/standalone PV system	2024	IET Power Electronics	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203461625&doi=10.1049%2fpel2.12779&partnerID=40&md5=fb9a8183d77afed9d3a909499c945167
Senthil Kumar S.; Alzaben N.; Sridevi A.; Ranjith V.	Improving Quality of Service (QoS) in Wireless Multimedia Sensor Networks using Epsilon Greedy Strategy	2024	Measurement Science Review	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198027004&doi=10.2478%2fmsr-2024-0016&partnerID=40&md5=416e43cf0bc894e9026ed147bf22bf5f
Krishnasamy M.; Rajendran R.; Vignesh S.; Arumugam P.; Diravidamani B.; Shkir M.; Algarni H.	Facile synthesis of efficient MoS ₂ -coupled graphitic carbon nitride Z-scheme heterojunction nanocomposites: photocatalytic removal of methylene blue dye under solar light irradiation	2024	Environmental Science and Pollution Research	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150472102&doi=10.1007%2fs11356-023-26418-2&partnerID=40&md5=d2f15804988370e749525a7d018cf8d1

Palanisamy M.A.; Sengodan N.	Tribological properties of dry sliding wear behaviour for GFRP composite made by hand layup, VARTM and RTM techniques using taguchi and ANOVA approach	2024	Revista Materia	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202768987&doi=10.1590%2f1517-7076-rmat-2024-0276&partnerID=40&md5=c650df1d2f2b43d76340e15a13533ad0
Shanmugapriya M.; Mayurappriyan P.S.; Lakshmi K.	Fabrication and characterization of PVA-based biocomposite EMI shielding material for low power loss wireless charging applications	2024	Biomass Conversion and Biorefinery	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203077066&doi=10.1007%2fs13399-024-06081-4&partnerID=40&md5=5b300d67142ac5a674a5ae301d51b2fd
Jayanthi P.; Duraimurugan J.; Prabhu S.; Siranjeevi R.; Anjalin F.M.; Bhuvaneshwari N.	Enhanced electrochemical performance of CoMoO4/r-GO composites as electrode material for supercapacitor application	2024	Diamond and Related Materials	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198522141&doi=10.1016%2fj.diamond.2024.111361&partnerID=40&md5=6aad69793719ef6e216f1a4f99c82d30
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Meenakshidevi P.; Kalyanasundaram P.; Nirmal Kumar S.	Automated Segmentation of Brain Tumor MRI Images Using Machine Learning	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200548434&doi=10.1109%2fACCAI61061.2024.10602347&partnerID=40&md5=d9247a7dc51bc604b3d9957ba449ee5d
Boopathi M.; Venkatachalam R.	Optimizing compression ignition engine performance and emissions with onboard oxygen concentrator: an experimental study	2024	Clean Technologies and Environmental Policy	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183411080&doi=10.1007%2fs10098-023-02735-5&partnerID=40&md5=5d08495aea99229de8c42754926678d4

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Sa C.; Mahendrarvarman I.; Ragavendiran A.; Selvam M.M.; Yamuna K.; Vibin R.	Optimal Configuration of Radial Distribution Networks with Stud Krill Herd Optimization	2024	2024 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication, IConSCEPT 2024 - Proceedings	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203515592&doi=10.1109%2fIconSCEPT61884.2024.10627797&partnerID=40&md5=9d298b0fc632d0d548cb7b4090e47eef
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