S.No	Authors	Title	Source title	Volume	Issue	Art. No.	DOI	Link
1	Vigil, M.S.; Maheswari, K.; Minu, M.S.; Kulkarni, G.L.; Reddy, L.; Satishkumar, P.; Haldar, B.	Enhanced Weld Defect Categorization via Nature-Inspired Optimization-Driven Neural Networks	SN Computer Science	5	8	1035	10.1007/s42979-024-03356-	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208748244&doi=10.1007%2Fs42979-024-03356-5&partnerID=40&md5=f6023afe7e1315d2d0507a0963f4599c
2	Dash, S.C.B.; Mishra, S.R.; Srujan Raju, K.S.; Narasimha Prasad, L.V.N.	Retraction Note: Human action recognition using a hybrid deep learning heuristic (Soft Computing, (2021), 25, 20, (13079-13092), 10.1007/s00500-021-06149-7)	Soft Computing	28	Suppl 2		10.1007/s00500-024-10262-	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207347803&doi=10.1007%2Fs00500-024-10262-8&partnerID=40&md5=e832fdccd513fcadd10516a20eac13d1
3	Naresh, B.; Sreekanth, T.V.M.; Kurugundla, K.G.; Kumar, K.S.; Suma, C.N.; Yoo, K.; Kim, J.	Enhanced ammonia detection using rGO-wrapped Zn3V2O8 nanostructures	Sensors and Actuators A: Physical	379		115928	10.1016/j.sna.2024.115928	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205512986&doi=10.1016%2Fj.sna.2024.115928&partnerID=40&md5=b1d2ebf0fed4e34ee7b84bbde232c9b0
4	Krishna, B.H.; Juvvanapudi, J.; Rao, G.S.; Babu, C.R.K.; Srujan Raju, K.S.; Basha, T.S.G.; Reddy, V.B.S.	Emotion-net: Automatic emotion recognition system using optimal feature selection-based hidden markov CNN model	Ain Shams Engineering Journal	15	12	103038	10.1016/j.asej.2024.103038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204789848&doi=10.1016%2Fj.asej.2024.103038&partnerID=40&md5=51fe8cbd95bd38bf4af7caa44a134a10
5	Kuruvilla, E.; Samson Nesaraj, A.S.; Jose, V.; Jose, V.; Padmanabhan, D.; Arunkumar, M.	Hybridized Co, Mn co-doped ZnO@graphite for photocatalytic degradation of orange G dye: Ecotoxicity and phytotoxicity evaluation	Materials Today Communications	41		110227	10.1016/j.mtcomm.2024.11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202555728&doi=10.1016%2Fj.mtcomm.2024.110227&partnerID=40&md5=73f0d689d2edcb6f87b44781f6680013
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7	Jadhav, S.A.; Awale, M.B.; Lokhande, S.D.; Umadevi, G.; Raskar, N.D.; Vasundhara, M.; Dole, B.N.; Mote, V.D.	Optical and ammonia sensing properties of Mn doped ZnO nanostructured films for gas sensors application	Emergent Materials	7	6		10.1007/s42247-024-00769-	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197481074&doi=10.1007%2Fs42247-024-00769-z&partnerID=40&md5=91605ac92ab6ca7f969fbef48ac3625a
8	Rao, G.S.; Penchaliah, U.; Devadasu, G.; Vinesh, G.; Varma, P.B.; Sudhakar, S.; Kumar, P.M.	Deep learning based condition monitoring of road traffic for enhanced transportation routing	Journal of Transportation Security	17	1	8	10.1007/s12198-023-00271-	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189621715&doi=10.1007%2Fs12198-023-00271-3&partnerID=40&md5=4cdf95bd079dfc3a56875b062d92bdd9
9	Borra, S.R.; Premalatha, B.; Divya, G.; Rao, B.; Eshwar, D.; Reddy, V.B.S.; Kumar, P.M.	Deep hashing with multilayer CNN-based biometric authentication for identifying individuals in transportation security	Journal of Transportation Security	17	1	4	10.1007/s12198-024-00272-	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185309552&doi=10.1007%2Fs12198-024-00272-w&partnerID=40&md5=63b1a36d80f27646c861bcbb6cfeb5db
10	Mangamma, C.; Malga, B.S.; Pramod Kumar, P.P.; Appidi, L.; Suresh, P.; Ravi, P.S.	Magnetohydrodynamic Boundary Layer Flows over a Moving Porous Vertical Plate with Viscous Dissipation and Dufour Effects in the Presence of Heat Source and Chemical Reaction	Journal of Advanced Research in Numerical Heat Transfer	26	1		10.37934/arnht.26.1.99113	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211460623&doi=10.37934%2Farnht.26.1.99113&partnerID=40&md5=f49e8aba8760b0acb38ade5b3d6354ca

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12	Bidare Divakarachari, B.D.; Gurumoorthy, S.; Frnda, J.; Christalin Nelson, S.C.; Balmuri, K.R.	Retraction Note: Cognitive linear discriminant regression computing technique for HTTP video services in SDN networks (Soft Computing, (2022), 26, 2, (621-633), 10.1007/s00500-021-06531-5)	Soft Computing	28	Suppl 1		10.1007/s00500-024-09986-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199856872&doi=10.1007%2Fs00500-024-09986-4&partnerID=40&md5=9555a7261a12e2a5f40a6edfb6d02868
13	Srinivas, D.; Bhuvaneshwarri, I.; Ramesh, G.P.; Nayak Bhukya, S.N.; Ilango, I.	An improved cuckoo search algorithm with deep learning approach for classifying arrhythmia based on ECG signal	Internet Technology Letters	7	6	e477	10.1002/itl2.477	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169703733&doi=10.1002%2Fitl2.477&partnerID=40&md5=41225c2c52482492ec5b377f59325258
14	Pachipulusu, S.; Merugu, K.S.; Bhonsle, R.R.; Sirisha, S.; Kurnool, A.; Kerru, N.	Microwave-Assisted, Multicomponent Synthesis of Pyrazolo [3, 4-b] Pyridines Under Green Conditions	ChemistrySelect	9	38	e202403569	10.1002/slct.202403569	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205790717&doi=10.1002%2Fslct.202403569&partnerID=40&md5=4adf4bce707778e9094a6b245f084cfe
15	Chakram, D.S.; Umadevi, G.; Kavitha, C.; Dasari, M.	Sensing capability of molten salt synthesize (K, Na) NbO3 ceramic powder	Digest Journal of Nanomaterials and Biostructures	19	4		10.15251/DJNB.2024.194.16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210228986&doi=10.15251%2FDJNB.2024.194.1693&partnerID=40&md5=0dfc8fc8ca42085b99de5f167cb9de60
16	Yadav, S.S.; Pothukanuri, N.; Begum, S.; Swathi, M.; Kurugundla, K.G.; Turpu, G.R.; Vijayakumar, Y.	Synthesis and characterization of spray deposited ZnO–CuO nano composite thin films for the detection of xylene	Journal of Materials Science: Materials in Electronics	35	30	1959	10.1007/s10854-024-13724-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207695891&doi=10.1007%2Fs10854-024-13724-9&partnerID=40&md5=a6a68cec11b6225b755901c92bb899ff
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23	Narasimharao, J.; Fallah, M.H.; Joshi, A.; Nagendrudu, P.V.V.S.D.; Bindu, V.H.	Automated street light control and manhole monitoring with fault detection & reporting system for municipal department	E3S Web of Conferences	564		7006	10.1051/e3sconf/202456407006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203800686&doi=10.1051%2Fe3sconf%2F202456407006&partnerID=40&md5=f92227d3430020adfa8793fe25d9b4e9
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25	Kurugundla, K.G.; Parne, S.R.; Pothukanuri, N.; Edla, D.R.	Optimized n-Butanol Sensing Performance of ZnCeO2 and ZnCuCeO2 Nanocomposites at Room Temperature	ECS Journal of Solid State Science and Technology	13	9	97004	10.1149/2162-8777/ad7b72	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205362726&doi=10.1149%2F2162-8777%2Fad7b72&partnerID=40&md5=dbcd54c8a4883386b89adf59849c8613
26	Reddy, A.D.; Reddy, P.R.D.; Kuntumalla, B.L.; Madhura, S.L.; Areti, P.	MHD STEFAN FLOW OF CASSON NANOFLUID COMPLETES A POROUS MEDIUM IN THE PRESENCE OF CHEMICAL REACTION WITH THE EFFECT OF THOMPSON AS WELL AS-TROIAN SLIP OVER A PLATE IN THE COMPANY OF RADIATION1	East European Journal of Physics	2024	3		10.26565/2312-4334-2024-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203688732&doi=10.26565%2F2312-4334-2024-3-23&partnerID=40&md5=02082361b8a367a2957c44b8c5d41ba0
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28	Thayil, R.; Kurugundla, K.G.; Chinthamreddy, A.; Parne, S.R.	Exploring the multifunctionality of MoS2 and MoSe2 nanostructures: Enhanced ammonia sensing, antimicrobial activity and organic dye adsorption	Microchemical Journal	204		111175	10.1016/j.microc.2024.1111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198272453&doi=10.1016%2Fj.microc.2024.111175&partnerID=40&md5=aad45c9882596278436f0966fdb8371e
29	Paramasivam, R.; Patil, S.N.; Srinivas, S.; Hemalatha, K.L.	Lung cancer computed tomography image classification using Attention based Capsule Network with dispersed dynamic routing	Expert Systems	41	9	e13607	10.1111/exsy.13607	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192357418&doi=10.1111%2Fexsy.13607&partnerID=40&md5=cf7da800cd8fe673955b1b786362f002
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34	Shah, S.K.; Srinivas, S.; Muhsen, M.; Sunil Kumar Reddy, K.; Safarov, L.; Sanbetova, A.; Verma, R.	Investigation on composite phase change materials for energy-saving buildings	E3S Web of Conferences	563		1003	10.1051/e3sconf/202456301003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203698899&doi=10.1051%2Fe3sconf%2F202456301003&partnerID=40&md5=fc7dc64d42bb4359419c0b7d67d6cb2f
35	Pant, R.; Gundavarapu, G.; Bharath Kumar, K.; Abbas, H.M.; Ergashev, D.; Yuldasheva, I.; Kapoor, M.	Development of FRP composites using natural fibres for food packaging	E3S Web of Conferences	563		2004	10.1051/e3sconf/202456302004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203691105&doi=10.1051%2Fe3sconf%2F202456302004&partnerID=40&md5=551b990ac1ae4a607d7fa08c0feae279
36	Singh Bisht, Y.S.; Srikanth, G.; Hussain, L.; Sanduru, B.; Chhabra, R.; Abdurazakova, N.; Isakulova, B.	Design and modal analysis of composite drive shaft for automotive application	E3S Web of Conferences	563		2003	10.1051/e3sconf/202456302003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203684918&doi=10.1051%2Fe3sconf%2F202456302003&partnerID=40&md5=50032638e11290559b974294fa0975da
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38	Umadevi, G.; Kurugundla, K.G.; Mote, V.D.	Green synthesis of ZnCeO2 and ZnCuCeO2 nanocomposites for enhanced gas sensing: a synergistic approach towards sustainable ammonia detection	Journal of Materials Science: Materials in Electronics	35	22	1511	10.1007/s10854-024-13285-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200404574&doi=10.1007%2Fs10854-024-13285-x&partnerID=40&md5=95849d262d322e0d6f0cdef2b246c71e
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42	Saravanan, A.; Sankaranarayanan, S.; Banda, H.; Prasad, S.J.S.; Narasimharao, J.; Mohammed Ali, H.	Efficient design and optimization of high-speed electronic system interconnects using machine learning applications	Metaheuristics Algorithm and Optimization of Engineering and Complex Systems				10.4018/979-8-3693-3314-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203227213&doi=10.4018%2F979-8-3693-3314-3.ch014&partnerID=40&md5=5d6e637ed484dcfca7be5c641121a8d8
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44	Amaravadi, S.; Avari, N.	Fresh, mechanical and durability assessment on concrete with replacement of cement and aggregate by simultaneous substitution of diverse supplementary cementitious materials	AIP Conference Proceedings	3146	1	50001	10.1063/5.0224542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200240580&doi=10.1063%2F5.0224542&partnerID=40&md5=947148210c2a492be80634cbf35c0c2b
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