

S.No	Authors	Title	Source title	Volume	Issue	Art. No.	DOI	Link
1	C. C.; Alshahrani, S.A.; Afzal, A.; Baig, M.A.A.; Kamangar, S.; Khan, T.M.	Flow control in microfluidics devices: electro-osmotic Couette flow with joule heating effect	Frontiers in Engineering and Built Environment	1	2		10.1108/FEBE-03-2021-0020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140388440&doi=10.1108%2F03-2021-0020&partnerID=40&md5=1aacc92f431d7547af60e2aacdf080
2	Umadevi, U.D.; Pothukanuri, P.; Yelsani, V.; Pushukuri, Y.; Parne, P.S.; Dasari, M.	Synthesis and characterization of ZnS-based quantum dots to trace low concentration of ammonia	Journal of Semiconductors	42	12	122901	10.1088/1674-4926/42/12/122901	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122854027&doi=10.1088%2F1674-4926%2F42%2F12%2F122901&partnerID=40&md5=6cf225c50d8aa02ce3be37025c471be6
3	Manoj Kumar, T.M.; Balmuri, K.R.; Marchewka, A.; Bidare Divakarachari, P.B.; Srinivas, S.	Implementation of speed-efficient key-scheduling process of aes for secure storage and transmission of data	Sensors	21	24	8347	10.3390/s21248347	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121042821&doi=10.3390%2Fs21248347&partnerID=40&md5=449ca0220587202540e187e920093949
4	Deepapriya, S.; Rodney, J.D.; Jerome das, S.J.; Devi, S.L.; Pothukanuri, P.; Anusha, J.R.; Perumal, S.; Jose, J.E.; Justin Raj, C.J.	Synergetic effects of lanthanum substituted Ni-Zn-Cu-Co ferrite nanocomposite with enhanced NH3 sensing performance	Journal of Environmental Chemical Engineering	9	6	106829	10.1016/j.jece.2021.106829	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119685444&doi=10.1016%2Fj.jece.2021.106829&partnerID=40&md5=8d8e1edebdbbd79c80c81e87f907033f
5	Appidi, L.; Malga, B.S.; Matta, S.; Pramod Kumar, P.P.	Heat and mass transfer for Soret and Dufour's consequences on unsteady MHD free convection flow over a porous media with heat absorption	Heat Transfer	50	8		10.1002/htj.22286	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115316378&doi=10.1002%2Fhtj.22286&partnerID=40&md5=82ea9eacb31f41eb416542cae528c229
6	Janardhana, K.; Sridhar, S.; Dixit, C.K.; Deivakani, M.; Tamilselvi, S.; Kaladgi, A.R.; Afzal, A.; Baig, M.A.A.	ANFIS modeling of biodiesels' physical and engine characteristics: A review	Heat Transfer	50	8		10.1002/htj.22266	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111098084&doi=10.1002%2Fhtj.22266&partnerID=40&md5=137c7a490c1407debcc3cb2aaae4cc07
7	Shanmuganantham, T.; Bharath Kumar, K.B.; Ashok Kumar, S.A.	Analysis of tree-shaped slotted impedance matching antenna for 60 GHz femtocell applications	ICT Express	7	4		10.1016/j.ict.2021.01.007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101335405&doi=10.1016%2Fj.ict.2021.01.007&partnerID=40&md5=d52e2e49a9a09efc8655f6de6d0e3e1
8	Patra, R.K.; Varaprasad Rao, M.V.; Balmuri, K.R.; Srinivas, S.; Chande, M.K.	High-performance computing and fault tolerance technique implementation in cloud computing	Green Computing and Its Applications					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141072980&partnerID=40&md5=3e7cf4d4b4903ddbdf4d8e2c41ec9890
9	Patra, R.K.; Srinivas, S.; Varaprasad Rao, M.V.; Balmuri, K.; Madhukar, G.	Predictive model and theory of interaction	Cognitive Behavior and Human Computer Interaction Based on Machine Learning Algorithms				10.1002/9781119792109.ch9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147950382&doi=10.1002%2F9781119792109.ch9&partnerID=40&md5=22d7aeecdec3faf899fdc0fb9c746c83

10	Sudhamani, C.; Saxena, A.; Aswini, V.	Improved detection performance of energy detection based spectrum sensing in cognitive radio networks	International Journal of Sensors, Wireless Communications and Control	11	9		10.2174/2210327911666210219115009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121363636&doi=10.2174%2F2210327911666210219115009&partnerID=40&md5=88b7e9a2c64d74fc52c0f0d54c2e1a5a
11	Khan, T.M.; Soudagar, M.E.M.; Khandal, S.V.; Javed, S.; Mokashi, I.; Baig, M.A.A.; Ismail, K.A.; Elfasakhany, A.	Performance of common rail direct injection (CrDi) engine using ceiba pentandra biodiesel and hydrogen fuel combination	Energies	14	21	7142	10.3390/en14217142	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118533013&doi=10.3390%2Fen14217142&partnerID=40&md5=9f99719c12a1a09a3b3686dd58247390
12	Chinthamreddy, A.; Koppula, S.; Kuruva, S.; Manabolu Surya, S.	“Biopolymer-PAA and surfactant-CTAB assistant solvothermal synthesis of Zn-based MOFs: design, characterization for removal of toxic dyes, copper and their biological activities”	Inorganic Chemistry Communications	133		108928	10.1016/j.inoche.2021.108928	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115255574&doi=10.1016%2Fj.inoche.2021.108928&partnerID=40&md5=798c131e82839fa60f3936858b2d0af7
13	Sriram, S.R.; Parne, P.S.; Vaddadi, V.S.C.S.; Edla, D.; Pothukanuri, P.; Raji Reddy, R.R.; Yelsani, V.; Sontu, U.B.	Nanostructured WO3 based gas sensors: a short review	Sensor Review	41	4		10.1108/SR-05-2021-0153	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114880517&doi=10.1108%2FSR-05-2021-0153&partnerID=40&md5=2513d87370e616705bdc8267fc20d01d
14	Mubeen, S.; Sudhamani, C.; Bharath Kumar, K.B.; Suresh	Novel techniques of elliptical array optimization using grasshopper algorithm	Journal of Engineering Science and Technology	16	5			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117965244&partnerID=40&md5=c9865c8a92a80edd24f4ff5e24f04d5b
15	Dash, S.C.B.; Mishra, S.R.; Srujan Raju, K.; Narasimha Prasad, L.V.	Human action recognition using a hybrid deep learning heuristic	Soft Computing	25	20		10.1007/s00500-021-06149-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113798643&doi=10.1007%2Fs00500-021-06149-7&partnerID=40&md5=96c4c97235f302fed91b8bc7f419dbf6
16	Quanjin, Q.; Rejab, M.R.M.; Praveen Kumar, A.P.; Fu, H.; Manoj Kumar, N.M.; Tang, J.	Effect of infill pattern, density and material type of 3D printed cubic structure under quasi-static loading	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	235	19		10.1177/0954406220971667	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095418867&doi=10.1177%2F0954406220971667&partnerID=40&md5=7670f2d997cf43a9a6c8099b05f93ec2
17	Akkoli, K.M.; Banapurmath Nagaraj, N.R.; Suresh, G.; Soudagar, M.E.M.; Khan, T.M.; Baig, M.A.A.; Abbas, M.A.; Hossain, N.; Shahapurkar, K.; Elfasakhany, A.; Alsehli, M.; Yaliwal, V.S.; Goudadi, S.A.	Effect of producer gas from redgram stalk and combustion chamber types on the emission and performance characteristics of diesel engine	Energies	14	18	5879	10.3390/en14185879	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115294097&doi=10.3390%2Fen14185879&partnerID=40&md5=73adc3e80d8fc9dc73c408f01d5c69ba

18	Mishra, D.; Manjunath, A.; Parthiban, K.	Experimental investigation and optimization on interpulse welding of Nimonic C263 for the maximum tensile strength	Sadhana - Academy Proceedings in Engineering Sciences	46	3	168	10.1007/s12046-021-01692-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112709103&doi=10.1007%2F12046-021-01692-3&partnerID=40&md5=815a59e4b4d1faac25662330ee037795
19	Thirupathaiah, K.; Balmuri, K.R.; Srinivas, S.	Nanoplasmonic multiband band pass filters for THz wireless communications	2021 IEEE Research and Applications of Photonics in Defense Conference, RAPID 2021				10.1109/RAPID51799.2021.9521462	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115383301&doi=10.1109%2FRAPID51799.2021.9521462&partnerID=40&md5=52a14fe6a18ceaf23e06e26558f9ab8a
20	Soudagar, M.E.M.; Khan, H.M.; Khan, T.M.; Razzaq, L.; Asif, T.; Abbas, M.A.; Hussain, A.; Farooq, M.; Ahmed, W.; Shahapurkar, K.; Alwi, A.; Ibrahim, T.M.; Ishtiaq, U.; Elfasakhany, A.; Baig, M.A.A.; Goodarzi, M.S.; Safaei, M.R.	Experimental analysis of engine performance and exhaust pollutant on a single-cylinder diesel engine operated using moringa oleifera biodiesel	Applied Sciences (Switzerland)	11	15	7071	10.3390/app11157071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111628430&doi=10.3390%2Fapp11157071&partnerID=40&md5=a1ece238736a7158e2e2c0102fe09040
21	Dakkili, D.; Mishra, D.; Praveen Kumar, A.P.; Shunmugasundaram, M.; Mangesh, L.	Effect of welding angle on strength of friction welded aluminum 6061-T6 alloy welded joints	AIP Conference Proceedings	2358			10.1063/5.0058961	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113191463&doi=10.1063%2F5.0058961&partnerID=40&md5=04ad8b86c2b2a30e19cd85d3808a3f6d
22	Yedhiri, Y.S.; Reddy, V.K.	Variation of Eckert number on hydrodynamic convective fluid flow in the presence of thermal radiation	AIP Conference Proceedings	2358		110012	10.1063/5.0059085	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113182948&doi=10.1063%2F5.0059085&partnerID=40&md5=0527e8e71a570823aa4be5134c2d4401
23	Premalatha, B.; Srikanth, G.; Babu, P.R.; Sonth, M.V.	Design and analysis of two dimensional electromagnetic band gap antenna for WIFI applications	AIP Conference Proceedings	2358		90005	10.1063/5.0058623	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113176123&doi=10.1063%2F5.0058623&partnerID=40&md5=bd8fe388ab3f80d384e337670dea7c0
24	Srikanth, G.; Bhaskara, B.M.	Design and implementation of DA-RFIR filter for effective removal of noise from audio signal for SDR applications	AIP Conference Proceedings	2358		50007	10.1063/5.0058393	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113175997&doi=10.1063%2F5.0058393&partnerID=40&md5=048ff519c105476693c9adc96bedb340
25	Shunmugasundaram, M.; Praveen Kumar, A.P.; Mishra, D.; Dakkili, D.; Rao, D.N.	A review on process parameter optimization of friction stir welded dissimilar alloys	AIP Conference Proceedings	2358		40001	10.1063/5.0057895	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113171654&doi=10.1063%2F5.0057895&partnerID=40&md5=15db78e3a5d6ec6acc2f59cacaad9f48
26	Dakkili, D.; Praveen Kumar, A.P.; Shunmugasundaram, M.; Mishra, D.; Sravani, D.	Progressive collapse behaviour of aluminium-composite bitubular energy absorbers subjected to axial loading	AIP Conference Proceedings	2358		90004	10.1063/5.0057892	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113171653&doi=10.1063%2F5.0057892&partnerID=40&md5=1c7c43685522fc6fb4412522f8d88023
27	Sridhar Babu, B.S.; Sathees kumar, S.S.; Panthangi, P.R.; Baig, M.A.A.	Comparative study of performance of acoustic horns of different profiles using FEA	AIP Conference Proceedings	2358		130002	10.1063/5.0057884	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113170726&doi=10.1063%2F5.0057884&partnerID=40&md5=bc9f551974054f185ea8cec3de929ca0

28	Kaladgi, A.R.; Navaneeth, I.M.; Afzal, A.; Baig, M.A.A.; Raji Reddy, R.R.; Buradi, A.	Experimental design and fabrication of portable hybrid wind and solar energy system	AIP Conference Proceedings	2358		50001	10.1063/5.0058432	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113163050&doi=10.1063%2F5.0058432&partnerID=40&md5=a658d10a1fee00a3ca09fe636beb72b0
29	Kaladgi, A.R.; Pasha, H.; Afzal, A.; Baig, M.A.A.; Dakkili, D.; Buradi, A.	Experimental investigation of mechanical properties and sliding wear behavior of poly propylene reinforced epoxy composites with filler material	AIP Conference Proceedings	2358		20002	10.1063/5.0058460	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113161847&doi=10.1063%2F5.0058460&partnerID=40&md5=173087b684e613edb59067a6fd08a8ab
30	Kumari, K.R.; Dakkili, D.; Raji Reddy, R.R.; Baig, M.A.A.; Vamshi, G.K.	CFD analysis of diesel-methanol blend in 4-stroke variable compression ratio internal combustion engine	AIP Conference Proceedings	2358		50014	10.1063/5.0058761	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113160503&doi=10.1063%2F5.0058761&partnerID=40&md5=6ef5415254ec54374eaf26a634a731f4
31	Dakkili, D.; Shunmugasundaram, M.; Praveen Kumar, A.P.; Mishra, D.; Kumar, M.A.	Influence of abrasive water jet machining parameters on material removal rate of hybrid metal matrix composites	AIP Conference Proceedings	2358		20004	10.1063/5.0057898	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113150596&doi=10.1063%2F5.0057898&partnerID=40&md5=f3c4d7a34e33e9df914af3f6962dcc4f
32	Praveen Kumar, A.P.; Shunmugasundaram, M.; Mishra, D.; Maneiah; Rao, M.G.	Axial crushing behaviour of Kevlar polymer composite tubular structures under quasi-static compression	AIP Conference Proceedings	2358		20001	10.1063/5.0057891	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113146402&doi=10.1063%2F5.0057891&partnerID=40&md5=35fde184bea14e74a57dabbb87c3f53c
33	Aswini, V.; Reddy, A.V.; Narendar, C.; Renuka, N.	Probability of detection and probability of false alarm in cooperative spectrum sensing for cognitive radio systems using hard fusion rules	AIP Conference Proceedings	2358		80020	10.1063/5.0058411	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113136175&doi=10.1063%2F5.0058411&partnerID=40&md5=6a113c0bddfffa1ffcc31c7f76a222ff
34	Dasari, S.G.; Pothukanuri, P.; Yelsani, V.; Tirumala, S.; Ramana Reddy, M.V.	Nanostructured indium oxide thin films as a room temperature toluene sensor	ACS Omega	6	27		10.1021/acsomega.1c01831	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110936121&doi=10.1021%2Facsomega.1c01831&partnerID=40&md5=f6e516b828c0adcb92efa7366359df0
35	Nasrul, N.; Razi, F.; Mulyati, S.; Yusuf, M.; Muchtar, S.; Aprilia, S.; Fathanah, U.; Fahrina, A.; Windana, D.S.; Satria, S.; Bilad, M.R.; Baig, M.A.A.	Effects of solution ph on the filtration profile and cake formation of aerosol-modified pes membrane	Rasayan Journal of Chemistry	14	3		10.31788/RJC.2021.1436260	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111142520&doi=10.31788%2FRJC.2021.1436260&partnerID=40&md5=0211460b56d5f7ed17f8a6073fd0567e
36	Mishra, D.; Manjunath, A.; Parthiban, K.	Tensile strength of interpulse gas tungsten arc welded butt joints of nimonic super alloy c263	International Journal of Vehicle Structures and Systems	13	2		10.4273/ijvss.13.2.10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108459672&doi=10.4273%2Fijvss.13.2.10&partnerID=40&md5=d3f8f40ef77547b6087877110d42c415
37	Mishra, D.; Mangesh, L.	Gas tungsten arc welding of stainless steel 304 and 202 grades for optimum weld bead width and hardness value	International Journal of Vehicle Structures and Systems	13	2		10.4273/ijvss.13.2.08	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108458343&doi=10.4273%2Fijvss.13.2.08&partnerID=40&md5=db0784c3a9f9b76a4556474a86cd68c
38	Premalatha, B.; Babu, P.R.; Srikanth, G.	Compact Fifth Iteration Fractal Antenna for UWB Applications	Radioelectronics and Communications Systems	64	6		10.3103/S0735272721060066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111855862&doi=10.3103%2F50735272721060066&partnerID=40&md5=012ddd3c1476f81f1b78b9e8d11e0a3

39	Vadivel, S.; Srinivas, S.; Balmuri, K.R.; Stateczny, A.; Bidare Divakarachari, P.B.	Dynamic route discovery using modified grasshopper optimization algorithm in wireless ad-hoc visible light communication network	Electronics (Switzerland)	10	10	1176	10.3390/electronics10101176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105709920&doi=10.3390%2Felectronics10101176&partnerID=40&md5=f7f92195d48152f8074d93dbab2c6c9e
40	Vijayakumar, Y.; Pothukanuri, P.; Sreekanth, T.; Rushidhar, U.; Parne, P.S.	Effect of precursor volume on chemically sprayed V2O5 thin films for acetaldehyde detection	Superlattices and Microstructures	153		106870	10.1016/j.spmi.2021.106870	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108806123&doi=10.1016%2Fj.spmi.2021.106870&partnerID=40&md5=8bffb0409f16e05e5318e689689e633a
41	Chinthamreddy, A.; Kumar, K.N.; Manabolu Surya, S.	Fast synthesis of nano [Co3(BTC)2] and [Zn3(BTC)2] MOFs by mechano ball-milling method and characterization: Dyes adsorption efficacy and antimicrobial studies	Research Journal of Chemistry and Environment	25	5			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105514055&partnerID=40&md5=df37327ecfc002a335565cb5d04814bc
42	Sudhamani, C.; Saxena, A.; Vunnava, A.	Energy-efficient reporting scheme for cognitive radio networks	IET Networks	10	3		10.1049/ntw2.12019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102365225&doi=10.1049%2Fntw2.12019&partnerID=40&md5=773afa2c477d3765633b22618d1658c6
43	Premalatha, B.; Srikanth, G.; Abhilash, G.	Design and Analysis of Multi Band Notched MIMO Antenna for Portable UWB Applications	Wireless Personal Communications	118	2		10.1007/s11277-021-08111-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099771472&doi=10.1007%2Fs11277-021-08111-0&partnerID=40&md5=6a9495d4528b5cc709ff1a5a380e7edb
44	Sonth, M.V.; Soma, S.; Gowre, S.C.	Investigation of light behavior of all optical full adders in two-dimensional photonic crystals	Microwave and Optical Technology Letters	63	4		10.1002/mop.32705	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096762112&doi=10.1002%2Fmop.32705&partnerID=40&md5=eb3a168e2428fa3a8c7168ab81dc9748
45	Praveen Kumar, A.P.; Dakkili, D.; Ponraj Sankar, L.P.	Improving the energy-absorbing properties of hybrid aluminum-composite tubes using nanofillers for crashworthiness applications	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	235	8		10.1177/0954406220942267	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088241187&doi=10.1177%2F0954406220942267&partnerID=40&md5=54bb514c644997ad54dd74723b2c9b87
46	Prasad, L.P.; Borra, T.; Lakshmi Vara Prasad, G.	A Research Survey on State of the art Heart Disease Prediction Systems	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021			9395785	10.1109/ICAIS50930.2021.9395785	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104987392&doi=10.1109%2FICAIS50930.2021.9395785&partnerID=40&md5=7189078d784dcff324eb2eebfa209518
47	Cherukuri, N.; Bethapudi, N.R.; Sai Krishna, V.S.K.; Prasad, P.; Zeelan Basha, C.Z.; Mummid, R.M.	Deep Learning for Lung Cancer Prediction using NSCLS patients CT Information	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021			9395934	10.1109/ICAIS50930.2021.9395934	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104934906&doi=10.1109%2FICAIS50930.2021.9395934&partnerID=40&md5=60f6980a5a6d19dfe201e0670e2e1b41

48	Mohan Reddy, A.; Kumar Katari, N.K.; Pothukanuri, P.; Hussain Reddy, K.; Manabolu Surya, S.	Fabrication and deployment of nanodisc ZnO@ZIF-8, ZnO@NA and ZnO@INA core-shell MOFs: enhanced NH ₃ and HCHO gas sensing	Journal of Materials Science: Materials in Electronics	32	6		10.1007/s10854-021-05507-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101885659&doi=10.1007%2Fs10854-021-05507-3&partnerID=40&md5=bd67f8864cb0152b866454f123a00d0f
49	Pramod Kumar, P.P.; Malga, B.S.; Appidi, L.; Matta, S.	Heat transfer effects on free convection of viscous dissipative fluid flow over an inclined plate with thermal radiation in the presence of induced magnetic field	International Journal of Applied Mechanics and Engineering	26	1		10.2478/ijame-2021-0008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101540816&doi=10.2478%2Fijame-2021-0008&partnerID=40&md5=ddbdd2cfa9f7038f2f223aac6f1eb255
50	Manjunath, G.; Pothukanuri, P.; Mandal, S.	Ultra-sensitive clogging free combustible molecular precursor-based screen-printed ZnO sensors: a detection of ammonia and formaldehyde breath markers	Journal of Materials Science: Materials in Electronics	32	5		10.1007/s10854-021-05292-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099795100&doi=10.1007%2Fs10854-021-05292-z&partnerID=40&md5=4902c38e42af3c97b3135b411d6480b6
51	Chinthamreddy, A.; Karreddula, R.; Pitchika, G.K.; Manabolu Surya, S.	Synthesis, Characterization of [Co(BDC)(Phen)H ₂ O] and [Co(BDC)(DABCO)] MOFs, π - π Interactions, Hirshfeld Surface Analysis and Biological Activity	Journal of Inorganic and Organometallic Polymers and Materials	31	3		10.1007/s10904-020-01800-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094808818&doi=10.1007%2Fs10904-020-01800-6&partnerID=40&md5=7319436fe71b514c692c09f27ae04333
52	Samdekar, R.; Ghosh, S.M.; Srinivas, S.	Efficiency enhancement of intrusion detection in iot based on machine learning through bioinspire	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021			9388392	10.1109/ICICV50876.2021.9388392	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104425702&doi=10.1109%2FICICV50876.2021.9388392&partnerID=40&md5=1fa5a219421092805c67524643f8e49
53	Manjunath, G.; Vardhan, R.V.; Praveen, L.L.; Pothukanuri, P.; Mandal, S.	Room-temperature detection of ammonia and formaldehyde gases by La xBa _{1-x} SnO _{3-δ} (x = 0 and 0.05) screen printed sensors: effect of ceria and ruthenate sensitization	Applied Physics A: Materials Science and Processing	127	2	116	10.1007/s00339-021-04284-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099838851&doi=10.1007%2Fs00339-021-04284-4&partnerID=40&md5=112ce3ae658df61401b1db50d5ba55b9
54	Dinesh, G.; Venkatakrishnan, P.; Meena Alias Jeyanthi, K.M.A.	Modified spider monkey optimization—An enhanced optimization of spectrum sharing in cognitive radio networks	International Journal of Communication Systems	34	3	e4658	10.1002/dac.4658	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096692299&doi=10.1002%2Fdac.4658&partnerID=40&md5=606a1c11a61ae9c6dc44e449061a8d69
55	Arunachalam, P.; Venkatakrishnan, P.; Janakiraman, N.	Histopathology Image Classification for Soft Tissue Sarcoma in Limbs using Artificial Neural Networks	Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021			9358635	10.1109/ICICT50816.2021.9358635	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102600928&doi=10.1109%2FICICT50816.2021.9358635&partnerID=40&md5=8d828190f431367cf92688092aaf4b42

56	Arunachalam, P.; Venkatakrishnan, P.; Janakiraman, N.	Detection of Singularity in the Cell Nucleus of Synovial Sarcoma Using Wavelet Leaders	Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021			9358517	10.1109/ICICT50816.2021.9358517	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102552162&doi=10.1109%2FICICT50816.2021.9358517&partnerID=40&md5=e3ea3a4745c5adda44afb109fb300b4f
57	Kiran Mai, C.K.; Kiranmayee, B.V.; Satapathy, S.C.; Favorskaya, M.N.; Srujan Raju, K.	Preface	Learning and Analytics in Intelligent Systems	20				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179866419&partnerID=40&md5=7b511be134fe7a8a0eaa56e00561a38c
58	Tiwari, V.; Allu, A.S.; Singh, A.; Saxena, A.	Construction of 4×4 MDS Matrices for Lightweight Block Ciphers	International Symposium on Advanced Networks and Telecommunication Systems, ANTS	21-December			10.1109/ANTS52808.2021.9936970	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142367140&doi=10.1109%2FANTS52808.2021.9936970&partnerID=40&md5=94aefe7b664b16be9665facf06d10b59
59	Unissa, I.; Aleem, M.; Ahmad, S.J.	Signal Processing for OFDM Spectrum Sensing Approaches in Cognitive Networks	Machine Learning Methods for Signal, Image and Speech Processing					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135330392&partnerID=40&md5=0077e5c63d7666712055f1dd358c5f57
60	Arvind, S.; Arvind, S.; Devika, S.V.; Mohanalakshmi, K.	Performance Measurement of Reed-Solomon Codes through AWGN Channel under Various Modulation Schemes	2021 IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2021				10.1109/ICMNWC52512.2021.9688477	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128882181&doi=10.1109%2FICMNWC52512.2021.9688477&partnerID=40&md5=8410ee82e732f56104a60af55daf3532
61	Bharath Kumar, K.B.; Sravanthi, M.; Rao, S.	Double E shaped slotted reconfigurable square patch antenna for X-Band wireless applications	Proceedings - 2021 IEEE International Conference on Intelligent Systems, Smart and Green Technologies, ICISST 2021				10.1109/ICISST52025.2021.00047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127557668&doi=10.1109%2FICISST52025.2021.00047&partnerID=40&md5=14b59a05cf38aaa33b8a591fc94f84f7

62	Veerabathiran, V.; Mayandy, R.; Shunmugasundaram, M.	Cellular layout formation using clonal selection algorithm with fixed entry and exit point	International Journal of Manufacturing Technology and Management	35	4		10.1504/IJMTM.2021.121107	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125657625&doi=10.1504%2FIJMTM.2021.121107&partnerID=40&md5=c1261c0d1765bc184156633180f8612c
63	Patnaik, R.; Srujan Raju, K.; Sivakrishna, K.	Internet of Things-Based Security Model and Solutions for Educational Systems	Studies in Big Data	79			10.1007/978-981-15-7965-3_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124937657&doi=10.1007%2F978-981-15-7965-3_11&partnerID=40&md5=a7a2fe477bba04e5dff65273fb0e661
64	SubhaMastan Rao, T.; Bolla, B.; Anjali Devi, S.; Srinivasa Rao, B.	A Novel Approach for Detecting Traffic Signs using Deep Learning	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021				10.1109/I-SMAC52330.2021.9640935	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124203287&doi=10.1109%2FI-SMAC52330.2021.9640935&partnerID=40&md5=9344487cea08324c07f1daeaefda0ee1
65	Quanjin, Q.; Rejab, M.R.M.; Praveen Kumar, A.P.; Zhang, B.; Sun, B.; Merzuki, M.N.M.	Free vibration analysis of two novel spherical-roof contoured cores (SRCC): A numerical study	Materials Today: Proceedings	48			10.1016/j.matpr.2021.08.127	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123484504&doi=10.1016%2Fj.matpr.2021.08.127&partnerID=40&md5=3d7b55ca54df2d55f29d4c89592743a5
66	Khan, S.A.; Baig, M.A.A.; Ridwan; Faheem, M.; Suheel, J.I.; Delvi, H.A.	Significance of dynamic control on suddenly expanded flow when nozzles are over, under, and perfectly expanded	Materials Today: Proceedings	49			10.1016/j.matpr.2021.05.655	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123451539&doi=10.1016%2Fj.matpr.2021.05.655&partnerID=40&md5=7b86d23b05f2bdc91f2e8315034c67b
67	Khan, S.A.; Chaudhary, Z.I.; Baig, M.A.A.; Ridwan; Delvi, H.A.; Faheem, M.	Impact of Mach number on the flow pattern in suddenly expanded duct	Materials Today: Proceedings	49			10.1016/j.matpr.2021.06.149	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122858624&doi=10.1016%2Fj.matpr.2021.06.149&partnerID=40&md5=fb268bc9951b0122d04c715e94e47f74
68	Bhardwaj, I.; Balarengadurai, B.; Ebenezer, V.; Joseph P, P.; Kavitha, A.; Sreekanth, D.	Efficiency gains, alternative sources and environmental tracking systems for telecommunications networks	Journal of Nuclear Energy Science and Power Generation Technology	10	9	1000225		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118356934&partnerID=40&md5=bf70f62d5a9da263c5be1e58e55a63c2
69	Khan, S.A.; Chaudhary, Z.I.; Baig, M.A.A.; Ridwan; Delvi, H.A.; Faheem, M.	Impact of expansion level on flow field of a circular duct at high Mach numbers	Materials Today: Proceedings	47			10.1016/j.matpr.2021.05.206	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117793826&doi=10.1016%2Fj.matpr.2021.05.206&partnerID=40&md5=32bb304ba7efcd6d04b380801147812d
70	Aqeel Talikoti, M.; Kittur, M.I.; Raji Reddy, R.R.; Baig, M.A.A.; Ridwan; Afghan Khan, S.; Faheem, M.	Influence of high and subsequent low-temperature artificial ageing on exfoliation corrosion of AA2024	Materials Today: Proceedings	47			10.1016/j.matpr.2021.05.074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117736805&doi=10.1016%2Fj.matpr.2021.05.074&partnerID=40&md5=20fc65b5f06d0dea07e4734eacd45fe0
71	Afghan Khan, S.; Baig, M.A.A.; Ridwan; Muneer, R.; Suheel, J.I.; Faheem, M.	Benefit of Mach number and expansion level on the flow development in a cylindrical tube diameter of 18 mm	Materials Today: Proceedings	47			10.1016/j.matpr.2021.05.167	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117735589&doi=10.1016%2Fj.matpr.2021.05.167&partnerID=40&md5=7ee58e3233eb23fc880794bd492890ec

72	Praveen Kumar, A.P.; Pradeep, C.; Sai Rahul Gupta, S.; Vamshi Krishna, G.; Harshavardhan, G.	Impact loading behavior of woven glass fabric polymer composite bi-tubular square sections	Materials Today: Proceedings	47			10.1016/j.matpr.2021.05.529	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117733488&doi=10.1016%2Fj.matpr.2021.05.529&partnerID=40&md5=0614f9e5550f944ac980979c91f73458
73	Shunmugasundaram, M.; Yadi Reddy, M.; Praveen Kumar, A.P.; Rajanikanth, K.	Optimization of machining parameters by Taguchi approach for machining of aluminium based metal matrix composite by abrasive water jet machining process	Materials Today: Proceedings	47			10.1016/j.matpr.2021.04.479	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117728946&doi=10.1016%2Fj.matpr.2021.04.479&partnerID=40&md5=0ebc85da2061a08965253b226ac59119
74	Praveen Kumar, A.P.; Yadi Reddy, M.; Shunmugasundaram, M.	Energy absorption analysis of novel double section triangular tubes subjected to axial impact loading	Materials Today: Proceedings	47			10.1016/j.matpr.2021.04.485	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117724064&doi=10.1016%2Fj.matpr.2021.04.485&partnerID=40&md5=21dc43119d0f01259ce9b8fac18b019
75	Praveen Kumar, A.P.; Nageswara Rao, D.	Crushing characteristics of double circular composite tube structures subjected to axial impact loading	Materials Today: Proceedings	47			10.1016/j.matpr.2021.04.465	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117717219&doi=10.1016%2Fj.matpr.2021.04.465&partnerID=40&md5=187ec51df8835009e7d113e8843795ea
76	Kittur, M.Y.; Kittur, M.I.; Raji Reddy, R.R.; Baig, M.A.A.; Ridwan, Khan, S.A.; Faheem, M.	Mechanical response of aluminum 7075 with heat treatment and exfoliation corrosion	Materials Today: Proceedings	47			10.1016/j.matpr.2021.05.081	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117716167&doi=10.1016%2Fj.matpr.2021.05.081&partnerID=40&md5=42abaf0b1204bcd93b050799cc4710b1
77	Praveen Kumar, A.P.; Sravani, D.	Experimental assessment of axial deformation behaviour of aluminium-kevlar composite hybrid bitubular structures	Materials Today: Proceedings	47			10.1016/j.matpr.2021.04.492	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117710141&doi=10.1016%2Fj.matpr.2021.04.492&partnerID=40&md5=35240c00cb76f1d453baa666a3bbdb34
78	Dev Singh, D.; Suresh, S.; Raji Reddy, R.R.	Functionally Graded Materials Manufactured by Direct Energy Deposition: A review	Materials Today: Proceedings	47			10.1016/j.matpr.2021.04.536	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117336811&doi=10.1016%2Fj.matpr.2021.04.536&partnerID=40&md5=26dd3d0449592c3ce6495b4c5e92c70f
79	Jyothi, S.; Mamatha, D.M.; Zhang, Y.-D.; Srujan Raju, K.	Preface	Lecture Notes in Networks and Systems	215				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116661161&partnerID=40&md5=7abb8eba21efd339c0b5dfe7b2715e05
80	Giddaluru, G.; Patra, R.K.; Srujan Raju, K.	The Research Importance and Possible Problem Domains for NoSQL Databases in Big Data Analysis	Lecture Notes in Networks and Systems	215			10.1007/978-981-16-1941-0_43	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116658723&doi=10.1007%2F978-981-16-1941-0_43&partnerID=40&md5=97f5909706847e82f8a6daa05dc2f7e4
81	Rao, S.; Bharath Kumar, K.B.	Analysis of Resonance Matching Zig Zag Fat Arrow Shaped Slot Antenna for 60 GHz Short Distance Applications	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_55	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115443195&doi=10.1007%2F978-981-16-0275-7_55&partnerID=40&md5=612055af3d21ec0b2c1eae7abdcf500
82	Pradeep, D.G.; Sharath, B.N.; Afzal, A.; Baig, M.A.A.; Shanmugasundaram, M.	Study on scratch behavior of Ni-Al ₂ O ₃ coating composition on Al-2219 substrate by electro deposited technique	Materials Today: Proceedings	46			10.1016/j.matpr.2021.04.033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114193385&doi=10.1016%2Fj.matpr.2021.04.033&partnerID=40&md5=23040a43eac7df79f5b609dba1b30a3f
83	Radhika, P.; Achary, K.M.R.; Sreekanth, M.	A study of tunable optical properties of ZnO/CdS heterostructures with varying shell thickness structures	Materials Today: Proceedings	46			10.1016/j.matpr.2021.01.033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112567703&doi=10.1016%2Fj.matpr.2021.01.033&partnerID=40&md5=9fccb972d3c5bb5facbf20d560412e2
84	Yuvarani, P.; Vijayachitra, S.; Ranganayaki, V.; Shanmugam, S.; Srujan Raju, K.; Sivachitra, M.; Raghavan, I.	Industrial Waste Water Recycling Using Nanographene Oxide Filters	Advances in Materials Science and Engineering	2021		4528949	10.1155/2021/4528949	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112487492&doi=10.1155%2F2021%2F4528949&partnerID=40&md5=0b324b03f198c21877fed76b001a3d0d

85	Dev Singh, D.; Mahender, T.; Raji Reddy, R.R.	Powder bed fusion process: A brief review	Materials Today: Proceedings	46			10.1016/j.matpr.2020.08.415	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111765978&doi=10.1016%2Fj.matpr.2020.08.415&partnerID=40&md5=260abf4498eb6f5a32aab5e193ef5fde
86	Sudhamani, C.	Double Threshold Spectrum Sensing With Optimization Of Samples In Cognitive Radio Networks	IJUM Engineering Journal	22	2		10.31436/iiumej.v22i2.1597	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111291106&doi=10.31436%2Fiiumej.v22i2.1597&partnerID=40&md5=7faed0c877e7bce553945977560ba2b4
87	Mishra, D.; Rajanikanth, K.; Shunmugasundaram, M.; Praveen Kumar, A.P.; Dakkili, D.	Dissimilar resistance spot welding of mild steel and stainless steel metal sheets for optimum weld nugget size	Materials Today: Proceedings	46			10.1016/j.matpr.2021.01.067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111109172&doi=10.1016%2Fj.matpr.2021.01.067&partnerID=40&md5=1b2853b6b72fcea5a25a17b56e48e693
88	Shunmugasundaram, M.; Praveen Kumar, A.P.; Ponraj Sankar, L.P.; Sivasankar, S.	A study on material removal rate and surface roughness of abrasive water jet machining process on hybrid metal matrix composites using response surface methodology	International Journal of Vehicle Structures and Systems	13	2		10.4273/ijvss.13.2.12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108460299&doi=10.4273%2Fijvss.13.2.12&partnerID=40&md5=d2bb252f0adf7d2cabd717ba28cd26cf
89	Shunmugasundaram, M.; Praveen Kumar, A.P.; Ponraj Sankar, L.P.; Sivasankar, S.	Effect of tin oxide coatings by spray pyrolysis process on mechanical properties of aluminium, brass and mild steel	International Journal of Vehicle Structures and Systems	13	2		10.4273/ijvss.13.2.11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108459884&doi=10.4273%2Fijvss.13.2.11&partnerID=40&md5=016a7e01b37e12c3089aa89a18d090ff
90	Praveen Kumar, A.P.; Shunmugasundaram, M.; Sivasankar, S.; Ponraj Sankar, L.P.	Effect of multi-walled carbon nano tubes on the quasi-static lateral crushing characteristics of hybrid glass/basalt fabric reinforced epoxy tubes	International Journal of Vehicle Structures and Systems	13	2		10.4273/ijvss.13.2.13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108459704&doi=10.4273%2Fijvss.13.2.13&partnerID=40&md5=5cb625892120094e4a2ba264f3bfe0f4
91	Kumari, K.R.; Raji Reddy, R.R.; Sagar, M.V.	Impact of methyl furan combined with iron nanoparticles and biodiesel at the overall performance and emission traits of a diesel engine	International Journal of Vehicle Structures and Systems	13	2		10.4273/ijvss.13.2.06	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108458627&doi=10.4273%2Fijvss.13.2.06&partnerID=40&md5=b45806864c675377cc3c3b641f138dda
92	Sharath, B.N.; Venkatesh, C.V.; Afzal, A.; Baig, M.A.A.; Praveen Kumar, A.P.	Study on effect of ceramics on dry sliding wear behaviour of Al-Cu-Mg based metal matrix composite at different temperature	Materials Today: Proceedings	46			10.1016/j.matpr.2021.04.034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107349337&doi=10.1016%2Fj.matpr.2021.04.034&partnerID=40&md5=744be5c15fc43296d08e0a8f1a938e18
93	Sharath, B.N.; Jeevan, T.P.; Baig, M.A.A.; Ashrith, H.S.; Afzal, A.; Raji Reddy, R.R.	Machinability studies on boron carbide and graphite reinforced aluminium hybrid composites	Materials Today: Proceedings	46			10.1016/j.matpr.2021.04.036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107332301&doi=10.1016%2Fj.matpr.2021.04.036&partnerID=40&md5=3819255355183aaf523bc8dbd89a6201
94	Anish Pon Yamini, K.; Akhila, S.V.; Suthendran, K.; Srujan Raju, K.	Analysis of Channel Estimation in GFDM System	Lecture Notes on Data Engineering and Communications Technologies	63			10.1007/978-981-16-0081-4_68	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107069820&doi=10.1007%2F978-981-16-0081-4_68&partnerID=40&md5=981ec71ebc353cf352a8c7ae8298db6f

95	Reddy Madhavi, K.; Vijaya Sambhavi, Y.; Sudhakar, M.; Srujan Raju, K.	COVID-19 Isolation Monitoring System	Lecture Notes on Data Engineering and Communications Technologies	63			10.1007/978-981-16-0081-4_60	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107053982&doi=10.1007%2F978-981-16-0081-4_60&partnerID=40&md5=e619f55388aa1078d7af0f879e641c6f
96	Anish Pon Yamini, K.; Assis Nevatha, J.; Suthendran, K.; Srujan Raju, K.	GFDM-Based Device to Device Systems in 5G Cellular Networks	Lecture Notes on Data Engineering and Communications Technologies	63			10.1007/978-981-16-0081-4_65	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107052735&doi=10.1007%2F978-981-16-0081-4_65&partnerID=40&md5=8df5119df81cccbfa8cfa65b32924152
97	Anish Pon Yamini, K.; Suthendran, K.; Srujan Raju, K.	A Mobility Adaptive Efficient Power Optimized Protocol for MANETs Based on Cross-Layering Concept	Lecture Notes on Data Engineering and Communications Technologies	63			10.1007/978-981-16-0081-4_66	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107037421&doi=10.1007%2F978-981-16-0081-4_66&partnerID=40&md5=48b3f2fdf3cbd99c5e44240c764e2ef4
98	Sonth, M.V.; Srikanth, G.; Agrawal, P.; Premalatha, B.	Basic logic gates in two dimensional photonic crystals for all optical device design	International Journal of Electronics and Telecommunications	67	2		10.24425/ijet.2021.135972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106685400&doi=10.24425%2Fijet.2021.135972&partnerID=40&md5=719a235ed234e21111a5a8b5b07db81d
99	Ansari, J.N.; Gowre, S.C.; Sonth, M.V.; Gadgay, B.; Roy, A.S.	Photonic Nano Dielectric Crystal Cavity with Infiltrated Biosamples for Refractive Index Sensing Application	Integrated Ferroelectrics	213	1		10.1080/10584587.2020.1859827	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101880424&doi=10.1080%2F10584587.2020.1859827&partnerID=40&md5=c045f1a6c8ef37103328cb54f78f6579
100	Bhat, P.; S.k, N.K.; Pothukanuri, P.	Fabrication of ultrasensitive hexagonal disc structured ZnO thin film sensor to trace nitric oxide	Journal of Asian Ceramic Societies	9	1		10.1080/21870764.2020.1848036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097315627&doi=10.1080%2F21870764.2020.1848036&partnerID=40&md5=a0f1c52905e82434e24e23a153e9d60b
101	Malyadri, M.; Afrin, N.; Anusha Reddy, M.	A new ensemble technique for recognize the long and shortest text	Advances in Intelligent Systems and Computing	1171			10.1007/978-981-15-5400-1_49	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089723536&doi=10.1007%2F978-981-15-5400-1_49&partnerID=40&md5=262089c7f6175d201d1c5d6fed30fc0a
102	Patel, P.; Jena, B.	Neural network-based random-valued impulsive noise suppression scheme	Advances in Intelligent Systems and Computing	1171			10.1007/978-981-15-5400-1_72	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089723440&doi=10.1007%2F978-981-15-5400-1_72&partnerID=40&md5=2215fc9f747951dfd3a1439096a3e020
103	Patnaik, R.; Padhy, N.; Srujan Raju, K.	A systematic survey on iot security issues, vulnerability and open challenges	Advances in Intelligent Systems and Computing	1171			10.1007/978-981-15-5400-1_68	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089722852&doi=10.1007%2F978-981-15-5400-1_68&partnerID=40&md5=8add5cec15748eddc7dcf65aea51b31
104	Varaprasad Rao, M.V.; Balmuri, K.R.; Srinivas, S.; Madhukar, G.	Sequential pattern mining for the u.s. presidential elections using google cloud platform (gcp)	Advances in Intelligent Systems and Computing	1171			10.1007/978-981-15-5400-1_41	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089719738&doi=10.1007%2F978-981-15-5400-1_41&partnerID=40&md5=89dd5f3b49f17d7f0888e2f3f117343f

105	Ashok Kumar, P.M.; Subha Mastan Rao, T.; Lakshminarayanan, L.; Pugazhendi, E.	An efficient text-based image retrieval using natural language processing (nlp) techniques	Advances in Intelligent Systems and Computing	1171			10.1007/978-981-15-5400-1_52	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089718381&doi=10.1007%2F978-981-15-5400-1_52&partnerID=40&md5=d22049f3b6b2b2f1901b34e8b39a34ae
106	Returi, K.D.; Radhika, Y.; Vaka, V.M.; Srujan Raju, K.	A method of speech signal analysis using multi-level wavelet transform	Advances in Intelligent Systems and Computing	1171			10.1007/978-981-15-5400-1_67	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089715557&doi=10.1007%2F978-981-15-5400-1_67&partnerID=40&md5=33436f3c379e58127fab44a4c3b628a7
107	Joshi, P.; Rathnamma, M.V.; Srujan Raju, K.; Pawar, U.	Miss rate estimation (mre) an novel approach toward l2 cache partitioning algorithm's for multicore system	Advances in Intelligent Systems and Computing	1171			10.1007/978-981-15-5400-1_58	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089714903&doi=10.1007%2F978-981-15-5400-1_58&partnerID=40&md5=0c2cbcb5738e3bee7d79bcda49bd93fb
108	Nagaprasad, K.S.; Banapurmath Nagaraj, N.R.; Madhu, D.; Khan, T.M.	Pre- and post-combustion emission reduction techniques for engine fuelled with diesel/DEE blends by three approaches	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	43	14		10.1080/15567036.2019.1663304	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073964643&doi=10.1080%2F15567036.2019.1663304&partnerID=40&md5=7bcb8fd91b9863a61b31a69d97bc50c9
109	Palanivel, P.; Rajesh, D.; Shunmugasundaram, M.; Iyyanar, I.	Thermal efficiency enhancement using a ceramic coating on the cylinder liner and the piston head of the IC engine	International Journal of Ambient Energy	42	13		10.1080/01430750.2019.1611639	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066051258&doi=10.1080%2F01430750.2019.1611639&partnerID=40&md5=676d91c168f5bce7abd29d29fc7c49a5
110	Jena, B.; Patel, P.; Sinha, G.R.	An Efficient Random Valued Impulse Noise Suppression Technique Using Artificial Neural Network and Non- Local Mean Filter	Research Anthology on Artificial Neural Network Applications				10.4018/978-1-6684-2408-7.ch055	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105023755806&doi=10.4018%2F978-1-6684-2408-7.ch055&partnerID=40&md5=4cbff750600a33b4316110353c44924f