Sl.No	Paper Title	Year	Citations	Type	ISSN
1	Deep Learning-Powered Corneal Endothelium Image Segmentation with Attention U-Net, Chandra K.V.; Bagadi K.P.; Sagar K.V.; Manjula Sri R.; Rani K.S., International Journal of Performability Engineering, Vol:19, Issue: 11, Pg.No:(736-743), DOI: 10.23940/ijpe.23.11.p4.736743	2023	3	Article	9731318
2	Review of a Comprehensive Analysis of Planning, Functionality, Control, and Protection for Direct Current Microgrids, Mohanty S., Bhanja A., Gautam S.P., Chittathuru D., Dash S.K., Mangaraj M., Chinthaginjala R., Alamri A.M., Sustainability (Switzerland) , Vol:15, Issue: 21, DOI: 10.3390/su152115405	2023	16	Review	20711050
3	Differential Evolution Optimized Non-Orthogonal Multiple Access for Sum Rate Maximization ?, Rayaroth D., Kumaravelu V.B., John Kennedy H.S., Bagadi K., Soria F.R.C., Engineering Proceedings, Vol:59, Issue: 1, DOI: 10.3390/engproc2023059101	2023	3	Article	26734591
4	A NOVEL APPROACH TO GENERATE TRIGONOMETRIC FUNCTIONS USING HIGH PERFORMANCE FPGA, Rehman B.K., Prasanthi K.N., Kumar R., Rajamani V., Basha M., ARPN Journal of Engineering and Applied Sciences, Vol:18, Issue: 19, Pg.No:(2249-2253), DOI: 10.59018/1023275	2023	3	Article	18196608
5	FACE ANTI-SPOOFING AND LIVENESS DETECTION USING DEEP LEARNING ARCHITECTURES, Priyadarsini M.J.P., Ramya K., Parlakota S., Tadi N.K.R., Jabeena A., Rajini G.K., Journal of Engineering Science and Technology, Vol:18, Pg.No:(217-227)	2023	2	Article	18234690
6	Signal Pre-Processing and Classification Algorithms for the Automatic Identification of Insomnia: A Short Review, Mulamoottil S.P., Vigneswaran T., SSRG International Journal of Electronics and Communication Engineering, Vol:10, Issue: 12, Pg.No:(62-72), DOI: 10.14445/23488549/IJECE-V10I12P106	2023	2	Review	23488549
7	A New Approach to Data Analysis Using Machine Learning for Cybersecurity, Hiremath S., Shetty E., Prakash A.J., Sahoo S.P., Patro K.K., Rajesh K.N.V.P.S., P?awiak P., Big Data and Cognitive Computing, Vol:7, Issue: 4, DOI: 10.3390/bdcc7040176	2023	25	Article	25042289
8	Enhance the Probability of Detection of Cooperative Spectrum Sensing in Cognitive Radio Networks Using Blockchain Technology, Balakumar D., Sendrayan N., Journal of Electrical and Computer Engineering, Vol:2023, DOI: 10.1155/2023/8920243	2023	12	Article	20900147
9	A graphene oxide decorated BZT-CNF composite through hybrid microwave processing: an advanced multifunctional material for superior microwave shielding applications, Parhi C.C., Thirumalasetty A.B., James A.R., Choukiker Y.K., Wuppulluri M., Journal of Materials Chemistry A, DOI: 10.1039/d3ta06292a	2023	6	Article	20507488
10	A Novel Automated Chromosome Analyzer Software Bundle for Karyotyping and Birth Defect Analysis, Somasundaram D., Chapparadahallimath A., Krishanan M., Madian N., IEEE Access, Vol:11, Pg.No:(145516-145526), DOI: 10.1109/ACCESS.2023.3344664	2023	5	Article	21693536
11	Transfer Learning-based Drowsiness Detection System for Driver Assistance and Classification of Traffic Signs Employing a Deep Convolutional Neural Network, Deshpande A.V., Subashini M.M., International Journal on Artificial Intelligence Tools, Vol:32, Issue: 8, DOI: 10.1142/S0218213023500355	2023	1	Article	2182130
12	Specular Corneal Endothelium Dystrophic Image Analysis with Artificial Intelligent Convolution Filter, Chandra K.V., Bagadi K.P., Annepu V., Rani K.S., Billa P., International Journal of Performability Engineering, Vol:19, Issue: 12, Pg.No:(807-816), DOI: 10.23940/ijpe.23.12.p5.807816	2023	0	Article	9731318
13	Spinach-Mediated Green Synthesized NiFe2O4 Nanoparticle-Based Triboelectric Nanogenerator: A Smart Tollgate Controller, Sagade Muktar Ahmed R.F., Mohan S.B., Madanahalli Ankanathappa S., Shivanna M., Viswanathan P., Manjunatha H.C.S., Vidya Y.S., Chandrasekhar A., Sannathammegowda K., ACS Applied Electronic Materials, Vol:5, Issue: 11, Pg.No:(5885-5897), DOI: 10.1021/acsaelm.3c00859	2023	31	Article	26376113
14	Unfolded deep kernel estimation-attention UNet-based retinal image segmentation, Radha K., Yepuganti K., Saritha S., Kamireddy C., Bavirisetti D.P., Scientific Reports, Vol:13, Issue: 1, DOI: 10.1038/s41598-023-48039-y	2023	27	Article	20452322
15	An Examination of Distributed and Decentralized Systems for Trustworthy Control of Supply Chains, Kumar C V., Selvaprabhu P., IEEE Access, Vol:11, Pg.No:(137025-137052), DOI: 10.1109/ACCESS.2023.3338739	2023	23	Article	21693536
16	Comparative Study on Architecture of Deep Neural Networks for Segmentation of Brain Tumor using Magnetic Resonance Images, Preetha R., Priyadarsini M.J.P., Nisha J.S., IEEE Access, Vol:11, Pg.No:(138549-138567), DOI: 10.1109/ACCESS.2023.3340443	2023	21	Article	21693536
17	A Novel Channel Estimation Framework in MIMO Using Serial Cascaded Multiscale Autoencoder and Attention LSTM with Hybrid Heuristic Algorithm, Manasa B.M.R., Pakala V., Chinthaginjala R., Ayadi M., Hamdi M., Ksibi A., Sensors, Vol:23, Issue: 22, DOI: 10.3390/s23229154	2023	13	Article	14248220
18	Development of Wireless Smart Sleeve Using Pressure Sensitive Resistor, Pulluri K.K., Kumar V.N., Bagadi K., Annepu V., Benedetto F., IEEE Access, Vol:11, Pg.No:(135166-135174), DOI: 10.1109/ACCESS.2023.3338373	2023	8	Article	21693536
19	Breast cancer diagnosis through knowledge distillation of Swin transformer-based teacher-student models, Kolla B., Venugopal P., Machine Learning: Science and Technology, Vol:4, Issue: 4, DOI: 10.1088/2632-2153/ad10cc	2023	6	Article	26322153
20	A four-port wideband filtering monopole MIMO array for sub-6 GHz 5G communications, Ayyappan J.V., Mohammed G.N.A., Subbaraj S., International Journal of Microwave and Wireless Technologies, Vol:15, Issue: 9, Pg.No:(1620-1629), DOI: 10.1017/S1759078723000375	2023	4	Article	17590787
21	Design of high- Q photonic crystal ring resonator incorporating Gaussian distributed inner rods for refractive index sensor, Biswas U., Rakshit J.K., Nayak C., Optical Engineering, Vol:62, Issue: 11, DOI: 10.1117/1.OE.62.11.116101	2023	3	Article	913286
22	A novel three-step deep learning approach for the classification of breast cancer histopathological images, Kolla B., Venugopal P., Journal of Intelligent and Fuzzy Systems, Vol:45, Issue: 6, Pg.No:(10477-10495), DOI: 10.3233/JIFS-231563	2023	1	Article	10641246
23	A Novel Method for Fetal ECG Extraction using ICA based Wavelet Transform, Darsana P., Kumar V.N., International Journal of Engineering Trends and Technology, Vol:71, Issue: 8, Pg.No:(131-142), DOI: 10.14445/22315381/IJETT-V71I8P211	2023	0	Article	23490918
24	Guided Co-operative Waderhunt Neural Network for Measuring the Temperature of Visible Heat Source, Mane S.S., Santra A.K., International Journal of Intelligent Engineering and Systems, Vol:16, Issue: 6, Pg.No:(909-924), DOI: 10.22266/ijies2023.1231.75	2023	0	Article	2185310X

25	Machine Learning Empowered Brain Tumor Segmentation and Grading Model for Lifetime Prediction, Renugadevi M.; Narasimhan K.; Ravikumar C.V.; Anbazhagan R.; Pau G.; Ramkumar K.; Abbas M.; Raju N.; Sathish K.; Sevugan P., IEEE Access, Vol:11, Pg.No:(120868-120880), DOI: 10.1109/ACCESS.2023.3326841	2023	59	Article	21693536
26	Dingo optimization influenced arithmetic optimization ? Clustering and localization algorithm for underwater acoustic sensor networks, Kaveripakam S.; Chinthaginjala R.; Naik C.; Pau G.; Ab Wahab M.N.; Akbar M.F.; Dhanamjayulu C., Alexandria Engineering Journal, Vol:85, Pg.No:(60-71), DOI: 10.1016/j.aej.2023.11.025	2023	30	Article	11100168
27	All-Optical UAV-Based Triple-Hop FSO-FSO-VLC Cooperative System for High-Speed Broadband Internet Access in High-Speed Trains, Gunasekar A.; Kumar L.B.; Krishnan P.; Natarajan R.; Jayakody D.N.K., IEEE Access, Vol:11, Pg.No:(124228-124239), DOI: 10.1109/ACCESS.2023.3330236	2023	23	Article	21693536
28	Design and Analysis of a Conformal MIMO Ingestible Bolus Sensor Antenna for Wireless Capsule Endoscopy for Animal Husbandry, Govindan T.; Palaniswamy S.K.; Kanagasabai M.; Kumar S.; Agarwal R.; Kumar R.; Panigrahy D., IEEE Sensors Journal, Vol:23, Issue: 22, Pg.No:(28150-28158), DOI: 10.1109/JSEN.2023.3323658	2023	23	Article	1530437X
29	An adaptive congestion and energy aware multipath routing scheme for mobile ad-hoc networks through stable link prediction, Arun M.; Jayanthi R., Measurement: Sensors, Vol:30, DOI: 10.1016/j.measen.2023.100926	2023	20	Article	26659174
30	An Efficient Method for Optimal Allocation of Resources in LPWAN Using Hybrid Coati-Energy Valley Optimization Algorithm Based on Reinforcement Learning, Rao M.R.; Sundar S., IEEE Access, Vol:11, Pg.No:(116169-116182), DOI: 10.1109/ACCESS.2023.3325724	2023	18	Article	21693536
31	A novel approach for seismic signal denoising using optimized discrete wavelet transform via honey badger optimization algorithm, Geetha K.; Hota M.K.; Karras D.A., Journal of Applied Geophysics, Vol:219, DOI: 10.1016/j.jappgeo.2023.105236	2023	17	Article	9269851
32	A Frequency Tunable Dielectric Resonator Antenna with Reduction of Cross Polarisation for Wi-MAX and Sub-6 GHz 5G Applications, Kumar R.; Chandra A.; Mishra N.; Chaudhary R.K., Defence Science Journal, Vol:73, Issue: 4, Pg.No:(475-486), DOI: 10.14429/dsj.73.18180	2023	16	Article	0011748X
33	Microseismic Signal Denoising Based on Variational Mode Decomposition With Adaptive Non-local Means Filtering, Geetha K.; Hota M.K., Pure and Applied Geophysics, DOI: 10.1007/s00024-023-03365-0	2023	16	Article	334553
34	Generation of Broadband Optical Frequency Comb by Interfering Dual Lasers in Electro-Optic Modulators, Ujjwal; Kumar R.; Bhat R., IEEE Access, Vol:11, Pg.No:(113064-113076), DOI: 10.1109/ACCESS.2023.3324304	2023	10	Article	21693536
35	Performance of Multi-RIS-Assisted D2D Communication Using NOMA, Kumar P.; Bhowmick A.; Choukiker Y.K., IEEE Access, Vol:11, Pg.No:(109603-109616), DOI: 10.1109/ACCESS.2023.3321642	2023	10	Article	21693536
36	Deep learning-based channel estimation in MIMO system for pilot decontamination, Reddy G.N.; Ravi Kumar C.V., International Journal of Ad Hoc and Ubiquitous Computing, Vol:44, Issue: 3, Pg.No:(148-166), DOI: 10.1504/IJAHUC.2023.134777	2023	10	Article	17438225
37	Content Authentication and Tampered localization using Ring Partition and CSLBP-based image hashing, Shaik A.S.; Karsh R.K.; Islam M.; Bhakta S., IEEE Access, Pg.No:(1-1), DOI: 10.1109/ACCESS.2023.3330969	2023	10	Article	21693536
38	Development and Performance Analysis of Five Phase Induction Motor, Varma P.S.; Rao K.P.P.; Ravikumar C.V.; Pau G.; Sathish K.; Nelapati R.P., IEEE Access, Vol:11, Pg.No:(112515-112525), DOI: 10.1109/ACCESS.2023.3322945	2023	10	Article	21693536
39	Optimal Test Clock Frequency Based Test Option Generation for Small Delay Defects, Muthukrishnan P.; Sathasivam S., IEEE Access, Vol:11, Pg.No:(115556-115567), DOI: 10.1109/ACCESS.2023.3321323	2023	8	Article	21693536
40	Gate Stack Analysis of Nanosheet FET for Analog and Digital Circuit Applications, Kumari N.A.; Vijayvargiya V.; Upadhyay A.K.; Sreenivasulu V.B.; Narendar V.; Prithvi P., ECS Journal of Solid State Science and Technology, Vol:12, Issue: 11, DOI: 10.1149/2162-8777/ad0873	2023	7	Article	21628769
41	Cognitive Radio Spectrum Sensing-Based QAM Technique Using Blockchain, Balakumar D.; Nandakumar S., International Journal of Distributed Sensor Networks, Vol:2023, DOI: 10.1155/2023/7225260	2023	6	Article	15501329
42	Completely switchable multi-mode narrowband terahertz absorber: Monolayer graphene, coupled topological interface states, and Rabi splitting, Mahesh P.; Panigrahy D.; Nayak C., Journal of Applied Physics, Vol:134, Issue: 16, DOI: 10.1063/5.0173081	2023	5	Article	218979
43	AQUACULTURE MONITORING SYSTEM USING MACHINE LEARNING, Kumar P.V.; Varma M K.P.S.; Kumar S.; C.V. R.; P. A., ARPN Journal of Engineering and Applied Sciences, Vol:18, Issue: 14, Pg.No:(1700-1706), DOI: 10.59018/0723211	2023	4	Article	18196608
44	Lossy Mode Resonance Based Fiber Optic Sensor for the Detection of Acetone Concentration, Prasanth A.; Harini V.K.; Velumani M.; Narasimman S.; Alex Z.C., Journal of Biomedical Photonics and Engineering, Vol:9, Issue: 3, DOI: 10.18287/JBPE23.09.030306	2023	4	Article	24112844
45	Smart Non-invasive Physiological Parameter Monitoring System Using IoT and Blynk App, Sathya P.; Rajalakshmi S., Journal of Communications, Vol:18, Issue: 11, Pg.No:(689-696), DOI: 10.12720/jcm.18.11.689-696	2023	2	Article	17962021
46	Enhancement of graphene absorption: a numerical formula to design a suitable Fabry-Perot cavity in a terahertz spectral window, Mahesh P.; Panigrahy D.; Nayak C.; Goyal A.K.; Massoud Y., OSA Continuum, Vol:2, Issue: 11, Pg.No:(2363-2373), DOI: 10.1364/OPTCON.503960	2023	2	Article	25787519
47	BER analysis of a full-duplex relay-assisted BPSK-SIM based VLC system for indoor applications, Kumar L.B.; Naik R.P.; Choudhari D.; Krishnan P.; Simha G.D.G.; Jagadeesh V.K., Applied Optics, Vol:62, Issue: 31, Pg.No:(8366-8373), DOI: 10.1364/AO.500213	2023	1	Article	1559128X
48	An improved beluga whale optimizer-Derived Adaptive multi-channel DeepLabv3+ for semantic segmentation of aerial images, P A.; P V., PloS one, Vol:18, Issue: 10, Pg.No:(e0290624-), DOI: 10.1371/journal.pone.0290624	2023	1	Article	19326203

49	ENERGY AWARE MULTILEVEL CLUSTERING SCHEME WITH WAKEUP SLEEP ALGORITHM IN UNDERWATER WIRELESS SENSOR NETWORKS, Bhargav P.; Dhanush U.; Miryala A.; Sathish K.; Ravikumar C.V.; Pankaj R., ARPN Journal of Engineering and Applied Sciences, Vol:18, Issue: 13, Pg.No:(1547-1553), DOI: 10.59018/0723194	2023	1	Article	18196608
50	ENHANCING USER EXPERIENCE IN 5G NETWORKS THROUGH DYNAMIC MODE SELECTION IN D2D MOBILITY MANAGEMENT SCHEME, Kumar K.G.; Afzal M.O.; Saravanan K.; Preetha K.S., ARPN Journal of Engineering and Applied Sciences, Vol:18, Issue: 15, Pg.No:(1810-1817), DOI: 10.59018/0823224	2023	0	Article	18196608
51	Waveguide and FSS Inspired Waveguides Array: A Comprehensive Review, Chandra A., ECTI Transactions on Electrical Engineering, Electronics, and Communications, Vol:21, Issue: 3, DOI: 10.37936/ecti-eec.2023213.251464	2023	0	Article	16859545
52	Carbon nanotubes as exceptional nanofillers in polymer and polymer/fiber nanocomposites: An extensive review, Soni S.K.; Thomas B.; Thomas S.B.; Tile P.S.; Sakharwade S.G., Materials Today Communications, Vol:37, DOI: 10.1016/j.mtcomm.2023.107358	2023	57	Review	23524928
53	Clustering-based dragonfly optimization algorithm for underwater wireless sensor networks, Kaveripakam S.; Chinthaginjala R., Alexandria Engineering Journal, Vol:81, Pg.No:(580-598), DOI: 10.1016/j.aej.2023.09.047	2023	51	Article	11100168
54	Modified Depthwise Parallel Attention UNet for Retinal Vessel Segmentation, Radha K.; Karuna Y., IEEE Access, Vol:11, Pg.No:(102572-102588), DOI: 10.1109/ACCESS.2023.3317176	2023	23	Article	21693536
55	Electrical and optical properties of sol?gel-deposited NiO films and corresponding response to annealing temperature, Rajesh M.; Vengatesan K.; Aly M.H.; Sitharthan R.; Dhanabalan S.S.; Karthikeyan M., Optical and Quantum Electronics, Vol:55, Issue: 13, DOI: 10.1007/s11082-023-05254-1	2023	21	Article	3068919
56	An Adaptive DeepLabv3+ for Semantic Segmentation of Aerial Images Using Improved Golden Eagle Optimization Algorithm, Anilkumar P.; Venugopal P.; Maddikunta P.K.R.; Gadekallu T.R.; Al-Rasheed A.; Abbas M.; Soufiene B.O., IEEE Access, Vol:11, Pg.No:(106688-106705), DOI: 10.1109/ACCESS.2023.3318867	2023	19	Article	21693536
57	Analog and mixed circuit analysis of nanosheet FET at elevated temperatures, Aruna Kumari N.; Bharath Sreenivasulu V.; Singh J., Physica Scripta, Vol:98, Issue: 10, DOI: 10.1088/1402-4896/acf73f	2023	14	Article	318949
58	MoS2 based dual gate MOSFET as ultra-sensitive SARs-CoV-2 biosensor for rapid screening of respiratory syndrome, Ghosh R.; Sarkhel S.; Saha P., IEEE Sensors Letters, Pg.No:(1-4), DOI: 10.1109/LSENS.2023.3321012	2023	10	Article	24751472
59	Across-Track and Multi-Aperture InSAR for 3-D Glacier Velocity Estimation of the Siachen Glacier, Kumar V.; H?gda K.A.; Larsen Y., Remote Sensing, Vol:15, Issue: 19, DOI: 10.3390/rs15194794	2023	9	Article	20724292
60	Precoding for RIS-Assisted Multi-User MIMO-DQSM Transmission Systems, Castillo-Soria F.R.; Del Puerto-Flores J.A.; Azurdia-Meza C.A.; Babu Kumaravelu V.; Sim?n J.; Gutierrez C.A., Future Internet, Vol:15, Issue: 9, DOI: 10.3390/fi15090299	2023	9	Article	19995903
61	An automated system of intrusion detection by IoT-aided MQTT using improved heuristic-aided autoencoder and LSTM-based Deep Belief Network, Sundar P.M.S.V., PLoS ONE, Vol:18, Issue: 10-Oct, DOI: 10.1371/journal.pone.0291872	2023	6	Article	19326203
62	Comparative performance of deep learning architectures in classification of diabetic retinopathy, Krishnan S.H.; Vishwa C.; Suchetha M.; Raman A.; Raman R.; Sehastrajit S.; Dhas D.E., International Journal of Ad Hoc and Ubiquitous Computing, Vol:44, Issue: 1, Pg.No:(23-35), DOI: 10.1504/IJAHUC.2023.133449	2023	5	Article	17438225
63	The role of delay in vaccination rate on Covid-19, Salman M.; Mohanty S.K.; Nayak C.; Kumar S., Heliyon, Vol:9, Issue: 10, DOI: 10.1016/j.heliyon.2023.e20688	2023	4	Article	24058440
64	Designing of Tunnel FET and FinFET using Sentaurus TCAD and Finding their Characteristics, Dash D.; Rahiman S.A.; Chowdary C.P.; Singh S.D., International Journal of Electrical and Electronics Research, Vol:11, Issue: 3, Pg.No:(754-759), DOI: 10.37391/ijeer.110318	2023	4	Article	2347470X
65	A Review of Wireless Sensor Networks with Cognitive Radio Techniques and Applications, Abilasha V.; Karthikeyan A., International Journal on Recent and Innovation Trends in Computing and Communication, Vol:11, Pg.No:(402-415), DOI: 10.17762/ijritcc.v11i9s.7436	2023	4	Article	23218169
66	Disease Detection and Diagnosis of Agricultural Plant Leaf Using Machine Learning, Aadhitya S.V.; Ashwin Hariharan R.; Sriharipriya K.C., International Journal of Electrical and Electronics Research, Vol:11, Issue: 3, Pg.No:(749-753), DOI: 10.37391/ijeer.110317	2023	3	Article	2347470X
67	A Survey of Evolving Performance Analysis Technologies, Algorithms and Models for Sports, Subramaniam S.; Shankar M.R.; Zazali A.A.; Swin H.S.; Muhamed Z.; Rajagopal S.; Napiah M.Z.; Embung F., International Journal of Advanced Computer Science and Applications, Vol:14, Issue: 9, Pg.No:(153-161), DOI: 10.14569/IJACSA.2023.0140916	2023	2	Article	2158107X
68	Design and Demonstration of Arduino based Low Cost Pulse Oximeter, Vananth P.N.S.; Rajalakshmi S.; Sathya P., International Journal on Recent and Innovation Trends in Computing and Communication, Vol:11, Pg.No:(416-423), DOI: 10.17762/ijritcc.v11i9s.7437	2023	2	Article	23218169
69	VLSI Implementation of Hybrid Memristor Based Logic Gates, Samanta R.; Vamsikrishna N.; Selvaprabhu P.; Rajeshkumar V.; Rajamani V., International Journal of Electrical and Electronics Research, Vol:11, Issue: 3, Pg.No:(733-737), DOI: 10.37391/ijeer.110314	2023	2	Article	2347470X
70	A low loss hexagonal six-port optical circulator using silicon photonic crystal, Anandan S.; Vani D.; Gupta P.; Krishnan P., Optical and Quantum Electronics, Vol:55, Issue: 12, DOI: 10.1007/s11082-023-05335-1	2023	2	Article	3068919
71	Real time crop field monitoring system using agriculture IoT systems, Agarwal P.; Gorijavolu D.; Sastry G.H.; Marriboyina V.; Babu D.V.; Kishore G.K., International Journal of Nanotechnology, Vol:20, Issue: 05-Oct, Pg.No:(586-599), DOI: 10.1504/IJNT.2023.134016	2023	2	Article	14757435
72	Feasibility and usability of a virtual-reality-based sensorimotor activation apparatus for carpal tunnel syndrome patients, Lakshminarayanan K.; Shah R.; Daulat S.R.; Moodley V.; Yao Y.; Ezhil S.L.; Ramu V.; Sengupta P.; Madathil D., PLoS ONE, Vol:18, Issue: 10-Oct, DOI: 10.1371/journal.pone.0292494	2023	1	Article	19326203
73	Hand Gesture Recognition System based on 60 GHz FMCW Radar and Deep Neural Network, Nadar D.; Anjum S.; Sriharipriya K.C., International Journal of Electrical and Electronics Research, Vol:11, Issue: 3, Pg.No:(760-765), DOI: 10.37391/ijeer.110319	2023	1	Article	2347470X

74	A novel data acquisition approach for valves in industrial refrigeration, Bagyaveereswaran V.; C A.M.; Tiwari P.; Anitha R.; Jaganatha Pandian B.; Ruban N., e-Prime - Advances in Electrical Engineering, Electronics and Energy, Vol:6, DOI: 10.1016/j.prime.2023.100319	2023	1	Article	27726711
75	Optimization of Microstructure Patterning for Flexible Bioelectronics Application, Gupta I.; Choudhury M.; Gnanasambanthan G.H.; Maji D., International Journal of Electrical and Electronics Research, Vol:11, Issue: 3, Pg.No:(738-742), DOI: 10.37391/ijeer.110315	2023	1	Article	2347470X
76	Demonstration of an Intelligent and Efficient Smart Monitoring System for Train Track By using Arduino, Roy P.; Rajalakshmi S.; Sangeetha N., International Journal of Electrical and Electronics Research, Vol:11, Issue: 3, Pg.No:(743-748), DOI: 10.37391/ijeer.110316	2023	1	Article	2347470X
77	Deep Convolutional Attention based Bidirectional Recurrent Neural Network for Measuring Correlated Colour Temperature from RGB Images, Mane S.S.; Santra A.K., International Journal on Recent and Innovation Trends in Computing and Communication, Vol:11, Pg.No:(256-270), DOI: 10.17762/ijritcc.v11i8s.7205	2023	1	Article	23218169
78	NEURAL NETWORK-BASED RECEIVER DIVERSITY COMBINATION FOR HIGH-FADNG CHANNELS, Chidambaram J.R.; Balaji B.; Saravanan K.; Bagubali A., ARPN Journal of Engineering and Applied Sciences, Vol:18, Issue: 14, Pg.No:(1686-1691), DOI: 10.59018/0723209	2023	0	Article	18196608
79	Editorial: Recent advancements in motor imagery, Lakshminarayanan K.; Madathil D.; Murari B.M., Frontiers in Neuroscience, Vol:17, DOI: 10.3389/fnins.2023.1283413	2023	1	Editorial	16624548
80	Recent advancements in machine learning and deep learning-based breast cancer detection using mammograms, Sahu A.; Das P.K.; Meher S., Physica Medica, Vol:114, DOI: 10.1016/j.ejmp.2023.103138	2023	88	Review	11201797
81	A survey on cognitive radio network attack mitigation using machine learning and blockchain, Ezhilarasi I.E.; Clement J.C.; Arul J.M., Eurasip Journal on Wireless Communications and Networking, Vol:2023, Issue: 1, DOI: 10.1186/s13638-023-02290-z	2023	18	Review	16871472
82	Exploring the Performance of 3-D Nanosheet FET in Inversion and Junctionless Modes: Device and Circuit-Level Analysis and Comparison, Sreenivasulu V.B.; Neelam A.K.; Kola S.R.; Singh J.; Li Y., IEEE Access, Vol:11, Pg.No:(90421-90429), DOI: 10.1109/ACCESS.2023.3306050	2023	49	Article	21693536
83	Nanosheet Field Effect Transistor Device and Circuit Aspects for Future Technology Nodes, Kumar A.S.; Sreenivasulu V.B.; Chavva S.R.; Bhandari S.; Kumari N.A.; Pothabolu A.; Deekshana M.; Somineni R.P., ECS Journal of Solid State Science and Technology, Vol:12, Issue: 8, DOI: 10.1149/2162-8777/acec9a	2023	36	Article	21628769
84	Clitoria ternatea flower extract: Biopolymer composite-based triboelectric nanogenerator as a self-powered smart counter, Ahmed R.F.S.M.; Swamy S.K.K.; Chandrasekhar G.S.; Ankanathappa S.M.; Chandrasekhar A.; Sannathammegowda K., Surfaces and Interfaces, Vol:42, DOI: 10.1016/j.surfin.2023.103369	2023	36	Article	24680230
85	Wearable triboelectric nanogenerator for real-time IoT-supported security applications, Munirathinam P.; Chandrasekhar A., Sustainable Materials and Technologies, Vol:37, DOI: 10.1016/j.susmat.2023.e00700	2023	36	Article	22149937
86	Optimal path selection and secured data transmission in underwater acoustic sensor networks: LSTM-based energy prediction, Kaveripakam S.; Chinthaginjala R., PLoS ONE, Vol:18, Issue: 09-Sep, DOI: 10.1371/journal.pone.0289306	2023	35	Article	19326203
87	RIS-Assisted Fixed NOMA: Outage Probability Analysis and Transmit Power Optimization, Kumaravelu V.B.; Imoize A.L.; Soria F.R.C.; Velmurugan P.G.S.; Thiruvengadam S.J.; Do D.-T.; Murugadass A., Future Internet, Vol:15, Issue: 8, DOI: 10.3390/fi15080249	2023	31	Article	19995903
88	Numerical investigation on the D-SPR-PQF ? High Refractive Index and temperature sensor for transport fuel adulteration, Manickam P.; Senthil R., Results in Physics, Vol:52, DOI: 10.1016/j.rinp.2023.106883	2023	17	Article	22113797
89	Blind reconfigurable intelligent surface-aided fixed non-orthogonal multiple access for intelligent vehicular networks, Kumaravelu V.B.; Selvaprabhu P.; Han D.S.; Sarker M.A.L.; Periyakarupan Gurusamy Sivabalan V.; Sundarrajan Jayaraman T.; Murugadass A.; Evangeline C.S., Eurasip Journal on Wireless Communications and Networking, Vol:2023, Issue: 1, DOI: 10.1186/s13638-023-02291-y	2023	17	Article	16871472
90	Bandwidth enhancement of substrate integrated waveguide cavity-backed half bow-tie complementary-ring slot antenna for Ku-band applications, Patil S.M.; Venkatesan R., Alexandria Engineering Journal, Vol:81, Pg.No:(46-54), DOI: 10.1016/j.aej.2023.08.082	2023	17	Article	11100168
91	Extracting Fetal ECG Signals Through a Hybrid Technique Utilizing Two Wavelet-Based Denoising Algorithms, Darsana P.; Kumar V.N., IEEE Access, Vol:11, Pg.No:(91696-91708), DOI: 10.1109/ACCESS.2023.3308409	2023	15	Article	21693536
92	Investigation on effect of AlN barrier thickness and lateral scalability of Fe-doped recessed T-gate AlN/GaN/SiC HEMT with polarization-graded back barrier for future RF electronic applications, Mounika B.; Ajayan J.; Bhattacharya S.; Nirmal D.; Sreenivasulu V.B.; Kumari N.A., Microelectronics Journal, Vol:140, DOI: 10.1016/j.mejo.2023.105923	2023	15	Article	9598324
93	Hybrid optimization-based deep neuro-fuzzy network for designing m-user multiple-input multiple-output interference channel, Reddy G.N.; Ravi Kumar C.V., International Journal of Communication Systems, DOI: 10.1002/dac.5606	2023	15	Article	10745351
94	Optimization of vertically stacked nanosheet FET immune to self-heating, Balasubbareddy M.; Sivasankaran K.; Atamuratov A.E.; Khalilloev M.M., Micro and Nanostructures, Vol:182, DOI: 10.1016/j.micrna.2023.207633	2023	14	Article	27730123
95	Enhancement of Precise Underwater Object Localization, Kaveripakam S.; Chinthaginjala R.; Anbazhagan R.; Alibakhshikenari M.; Virdee B.; Khan S.; Pau G.; Hwang See C.; Dayoub I.; Livreri P.; Abd-Alhameed R., Radio Science, Vol:58, Issue: 9, DOI: 10.1029/2023RS007782	2023	13	Article	486604
96	Intelligent Transmit Antenna Selection Schemes for High-Rate Fully Generalized Spatial Modulation, Jadhav H.K.; Kumaravelu V.B.; Murugadass A.; Imoize A.L.; Selvaprabhu P.; Chandrasekhar A., Future Internet, Vol:15, Issue: 8, DOI: 10.3390/fi15080281	2023	9	Article	19995903
97	Detection of Post COVID-Pneumonia Using Histogram Equalization, CLAHE Deep Learning Techniques, Rajkumar S.; Reddy M.V.K.; Janesh V.; Vinodhini M., Inteligencia Artificial, Vol:26, Issue: 72, Pg.No:(137-145), DOI: 10.4114/intartif.vol26iss72pp137-145	2023	9	Article	11373601

98	Detection of biofuel adulterants using an optical fiber-based refractive index sensor, Prasanth A.; Harini V.K.; Manivannan P.; Velumani M.; Narasimman S.; Meher S.R.; Alex Z.C., Optik, Vol:291, DOI: 10.1016/j.ijleo.2023.171345	2023	8	Article	304026
99	Super-broadband terahertz absorber: an optimized and magnetized graphene-embedded 1D disordered photonic system, Mahesh P.; Panigrahy D.; Nayak C., Journal of the Optical Society of America B: Optical Physics, Vol:40, Issue: 8, Pg.No:(2153-2161), DOI: 10.1364/JOSAB.493019	2023	6	Article	7403224
100	Design of high performance and energy efficient convolution array for convolution neural network-based image inference engine, Deepika S.; Arunachalam V., Engineering Applications of Artificial Intelligence, Vol:126, DOI: 10.1016/j.engappai.2023.106953	2023	5	Article	9521976
101	Sensitivity extraction of step shape double gate (SSDG) TFET biosensor considering non-ideal scenario, Abdulquyyaum K.A.; Tiwari S.; Saha R.; Hoque S., Engineering Research Express, Vol:5, Issue: 3, DOI: 10.1088/2631-8695/acf18a	2023	5	Article	26318695
102	Deep convolution neural network based Parkinson's disease detection using line spectral frequency spectrum of running speech, Kumari R.; Ramachandran P., Journal of Intelligent and Fuzzy Systems, Vol:45, Issue: 3, Pg.No:(4599-4615), DOI: 10.3233/JIFS-230183	2023	4	Article	10641246
103	Light Field Hyper Spectral Lossless Compression Employing Greedy Discrete Wavelet and Poincare Recurrence Network, Anjaneya P.; Rajini G.K., International Journal of Intelligent Engineering and Systems, Vol:16, Issue: 5, Pg.No:(386-394), DOI: 10.22266/ijies2023.1031.33	2023	4	Article	2185310X
104	A modified recurrent neural network (MRNN) model for and breast cancer classification system, Abdul Hayum A.; Jaya J.; Paulchamy B.; Sivakumar R., Automatika, Vol:64, Issue: 4, Pg.No:(1193-1203), DOI: 10.1080/00051144.2023.2253064	2023	4	Article	51144
105	Endmember Estimation Using Fuzzy Grade of Membership and Spectral Matching, Vimala Devi M.; Kalaivani S., IEEE Access, Pg.No:(1-1), DOI: 10.1109/ACCESS.2023.3310649	2023	3	Article	21693536
106	UAV-assisted multi-hop D2D relaying for communication in large disaster area, Ghosh S.; Bhowmick A.; Roy S.D.; Kundu S., International Journal of Communication Systems, DOI: 10.1002/dac.5615	2023	3	Article	10745351
107	Automatic detection of sunspots from solar images using fractional-order derivatives and extraction of their attributes, Madhan V.; Sudhakar M.S., Advances in Space Research, DOI: 10.1016/j.asr.2023.08.053	2023	2	Article	2731177
108	Wideband reflecting frequency-selective surface polarizer for X-band applications, Suganya A.; Natarajan R., International Journal of Communication Systems, DOI: 10.1002/dac.5608	2023	1	Article	10745351
109	An improved fuzzy c-means-raindrop optimizer for brain magnetic resonance image segmentation, Vikraman B.P.; Afthab J., Journal of Autonomous Intelligence, Vol:6, Issue: 3, DOI: 10.32629/jai.v6i3.973	2023	0	Article	26305046
110	Design of high sensitive hybrid honeycomb photonic crystal fiber for sensing C8H8O3/AsCl3/C8H10 analyte, Thangavelu S.; Rajesh A.; Perumal S.; Sravan S.; Mani C., Optical and Quantum Electronics, Vol:55, Issue: 11, DOI: 10.1007/s11082-023-05268-9	2023	0	Article	3068919
111	Novel Test Point Insertion Mechanism Using Timing Aware Analysis to Target the Challenges in High Complex SOC Designs, Vethamuthu R.S.; Sivanantham S., International Journal of Intelligent Systems and Applications in Engineering, Vol:11, Issue: 9s, Pg.No:(528-539)	2023	0	Article	21476799
112	Marriage between metal-organic frameworks/covalent-organic frameworks and triboelectric nanogenerator for energy harvesting ?A review, P K N.; Chandrasekhar A., Materials Today Energy, Vol:37, DOI: 10.1016/j.mtener.2023.101393	2023	50	Review	24686069
113	Review Study on Recent Developments in Fire Sensing Methods, Sulthana S.F.; Wise C.T.A.; Ravikumar C.V.; Anbazhagan R.; Idayachandran G.; Pau G., IEEE Access, Vol:11, Pg.No:(90269-90282), DOI: 10.1109/ACCESS.2023.3306812	2023	44	Review	21693536
114	A systematic review on intracranial aneurysm and hemorrhage detection using machine learning and deep learning techniques, Nafees Ahmed S.; Prakasam P., Progress in Biophysics and Molecular Biology, Vol:183, Pg.No:(1-16), DOI: 10.1016/j.pbiomolbio.2023.07.001	2023	36	Review	796107
115	Reconfigurable Antennas and Their Practical Applications?A Review, Subbaraj S.; Thomas S.B., Radio Science, Vol:58, Issue: 9, DOI: 10.1029/2023RS007656	2023	22	Review	486604
116	Advancements in On-Device Deep Neural Networks, Saravanan K.; Kouzani A.Z., Information (Switzerland), Vol:14, Issue: 8, DOI: 10.3390/info14080470	2023	14	Review	20782489
117	A comprehensive review on triboelectric nanogenerators based on Real-Time applications in energy harvesting and Self-Powered sensing, Munirathinam P.; Anna Mathew A.; Shanmugasundaram V.; Vivekananthan V.; Purusothaman Y.; Kim S.-J.; Chandrasekhar A., Materials Science and Engineering: B, Vol:297, DOI: 10.1016/j.mseb.2023.116762	2023	96	Article	9215107
118	A micro-scaled graphene-based wideband (0.57?1.02 THz) patch antenna for terahertz applications, krishna Ch M.; Islam T.; Suguna N.; Vara Kumari S.; Delshi Howsalya Devi R.; Das S., Results in Optics, Vol:12, DOI: 10.1016/j.rio.2023.100501	2023	38	Article	26669501
119	Design of Broadband Circuit Analog Absorber With Optimal Thickness for Stable Angular Response in C, X, Ku, and K Bands, V P I.; V P S.; C V.; Kumar T R S., IEEE Transactions on Electromagnetic Compatibility, Pg.No:(1-5), DOI: 10.1109/TEMC.2023.3298816	2023	37	Article	189375
120	Underwater Wireless Sensor Networks with RSSI-Based Advanced Efficiency-Driven Localization and Unprecedented Accuracy, Sathish K.; Chinthaginjala R.; Kim W.; Rajesh A.; Corchado J.M.; Abbas M., Sensors, Vol:23, Issue: 15, DOI: 10.3390/s23156973	2023	33	Article	14248220
121	Speech enhancement approach for body-conducted unvoiced speech based on Taylor?Boltzmann machines trained DNN, Karthikeyan C.; Rajesh Kumar T.; Vijendra Babu D.; Baskar M.; Jayaraman R.; Shahid M., Computer Speech and Language, Vol:83, DOI: 10.1016/j.csl.2023.101549	2023	23	Article	8852308
122	Design of Resistive Load Inverter and Common Source Amplifier Circuits Using Symmetric and Asymmetric Nanowire FETs, Sreenivasulu V.B.; Kumari N.A.; Lokesh V.; Ajayan J.; Uma M.; Vijayvargiya V., Journal of Electronic Materials, DOI: 10.1007/s11664-023-10618-0	2023	23	Article	3615235
123	AlGaN/GaN HEMT Based Ph Detection Using Atomic Layer Deposition of $rm Al_{2}O_{3}$ as Sensing Membrane and Passivation, Bhat A.M.; Periasamy C.; Poonia R.; Varghese A.; Shaf N.; Tripathy S., IEEE Transactions on Nanotechnology, Pg.No:(1-7), DOI: 10.1109/TNANO.2023.3305360	2023	20	Article	1536125X

124	Intelligent Energy Management for Distributed Power Plants and Battery Storage, Prakash R.B.R.; Srinivasa Varma P.; Ravikumar C.; Vijay Muni T.; Srinivasulu A.; Bagadi K.; Rajesh A.; Sathish K., International Transactions on Electrical Energy Systems, Vol:2023, DOI: 10.1155/2023/6490026	2023	19	Article	20507038
125	Development of a Flexible and Wearable Microelectrode Array Patch Using a Screen-Printed Masking Technique for Accelerated Wound Healing, Gnanasambanthan H.; Maji D., ACS Applied Electronic Materials, DOI: 10.1021/acsaelm.3c00637	2023	16	Article	26376113
126	MAC Protocol Based IoT Network Intrusion Detection Using Improved Efficient Shuffle Bidirectional COOT Channel Attention Network, Nayak N.K.S.; Bhattacharyya B., IEEE Access, Vol:11, Pg.No:(77385-77402), DOI: 10.1109/ACCESS.2023.3299031	2023	16	Article	21693536
127	Performance analysis of vehicle-to-everything communication using internet of LoRa computing for intelligent transportation system, Vinodhini M.; Rajkumar S., Intelligent Decision Technologies, Vol:17, Issue: 2, Pg.No:(577-594), DOI: 10.3233/IDT-220312	2023	13	Article	18724981
128	Facile synthesis of PEG-glycerol coated bimetallic FePt nanoparticle as highly efficient electrocatalyst for methanol oxidation, Baruah S.; Rani B.; Sahu N.K., Scientific Reports, Vol:13, Issue: 1, DOI: 10.1038/s41598-023-38358-5	2023	13	Article	20452322
129	Investigation on Effect of Interface Trap Charges and Temperature in Gate Overlap Graphene Source Step Shape Double Gate Tunnel FET, Saha R.; Goswami R.; Hoque S., ECS Journal of Solid State Science and Technology, Vol:12, Issue: 8, DOI: 10.1149/2162-8777/acec10	2023	8	Article	21628769
130	Deep convolution neural network for machine health monitoring using spectrograms of vibration signal and its EMD-intrinsic mode functions, Pavithra R.; Ramachandran P., Journal of Intelligent and Fuzzy Systems, Vol:44, Issue: 6, Pg.No:(8827-8840), DOI: 10.3233/JIFS-223012	2023	7	Article	10641246
131	A Novel VL-Based Positioning Model for Obstacle Location Sensing and 3-D Shape Detection in Crowded Indoor Networks, Singh A.; Salameh H.B.; Ayyash M.; Elagla H., IEEE Sensors Letters, Vol:7, Issue: 8, DOI: 10.1109/LSENS.2023.3300822	2023	6	Article	24751472
132	Data hiding steganography model based on hyper chaos 2D compressive sensing inhabited with manchester encoder/decoder using circular queue exploiting modification direction, Upendra Raju K.; Amutha Prabha N., Journal of Intelligent and Fuzzy Systems, Vol:44, Issue: 6, Pg.No:(10357-10367), DOI: 10.3233/JIFS-223131	2023	4	Article	10641246
133	1 Tbps Data Rate Transmission Using the Super Channel in the Flexi Grid Network, Adarsha M.; Malathi S.; Kumar S.; Sangeetha R.G., International Journal on Communications Antenna and Propagation, Vol:13, Issue: 2, Pg.No:(89-97), DOI: 10.15866/irecap.v13i2.22924	2023	4	Article	20395086
134	A Novel Fuzzy Inference System-Based Endmember Extraction in Hyperspectral Images, Vimala Devi M.R.; Kalaivani S., Intelligent Automation and Soft Computing, Vol:37, Issue: 2, Pg.No:(2459-2476), DOI: 10.32604/iasc.2023.038183	2023	3	Article	10798587
135	Design and analysis of Z shaped InGa0.5As0.5/Si tunnel FET using non-equilibrium Green's function model for hydrogen gas sensing application, Ghosh R.; Sarkhel S.; Saha P., Micro and Nanostructures, Vol:182, DOI: 10.1016/j.micrna.2023.207651	2023	3	Article	27730123
136	Finite Impulse Response Filter Design Using Fuzzy Logic-Based Diversity-Controlled Self-Adaptive Differential Evolution, Mohaideen Abdul Kadhar K.; Rengarajan S.; Tamilselvi S.; Karuppiah N.; Balachandran P.K.; Thamilmaran A.; Dhanamjayulu C.; Khan B., International Transactions on Electrical Energy Systems, Vol:2023, DOI: 10.1155/2023/1572996	2023	3	Article	20507038
137	Analytical estimation of lifetime of quasi-bound states in iii-v semiconductors quantum well, Nimje R.R.; Mahajan A., Physica Scripta, Vol:98, Issue: 9, DOI: 10.1088/1402-4896/acea03	2023	2	Article	318949
138	Revolutionizing Intelligent Transportation Systems with Cellular Vehicle-to-Everything (C-V2X) technology: Current trends, use cases, emerging technologies, standardization bodies, industry analytics and future directions, R D.K.; A R., Vehicular Communications, Vol:43, DOI: 10.1016/j.vehcom.2023.100638	2023	146	Review	22142096
139	Ti3AlC2 MAX phase and Ti3C2TX MXene-based composites towards supercapacitor applications: A comprehensive review of synthesis, recent progress, and challenges, Kewate O.J.; Punniyakoti S., Journal of Energy Storage, Vol:72, DOI: 10.1016/j.est.2023.108501	2023	66	Review	2352152X
140	Energy balanced reliable and effective clustering for underwater wireless sensor networks, Kaveripakam S.; Chinthaginjala R., Alexandria Engineering Journal, Vol:77, Pg.No:(41-62), DOI: 10.1016/j.aej.2023.06.083	2023	72	Article	11100168
141	Synergistic Effect of Dual Surface Modified Ecoflex Polymer for Dynamic Triboelectric Nanogenerator Towards Sustainable Battery-Free Tally Counter, Basith S.A.; Chandrasekhar A., Advanced Materials Technologies, DOI: 10.1002/admt.202300495	2023	35	Article	2365709X
142	The effect of combining action observation in virtual reality with kinesthetic motor imagery on cortical activity, Lakshminarayanan K.; Shah R.; Daulat S.R.; Moodley V.; Yao Y.; Madathil D., Frontiers in Neuroscience, Vol:17, DOI: 10.3389/fnins.2023.1201865	2023	35	Article	1662453X
143	Dynamic Behavior and Stability Analysis of Automatic Voltage Regulator with Parameter Uncertainty, Gopi P.; Srinivasa Varma P.; Sai Kalyan C.N.; Ravikumar C.V.; Srinivasulu A.; Bohara B.; Rajesh A.; Ab Wahab M.N.; Sathish K., International Transactions on Electrical Energy Systems, Vol:2023, DOI: 10.1155/2023/6662355	2023	28	Article	20507038
144	Optical Frequency Comb Generator Employing Two Cascaded Frequency Modulators and Mach?Zehnder Modulator, Ujjwal; Kumar R., Electronics (Switzerland), Vol:12, Issue: 13, DOI: 10.3390/electronics12132762	2023	20	Article	20799292
145	A novel approach for brain tissue segmentation and classification in infants' MRI images based on seeded region growing, foster corner detection theory, and sparse autoencoder, Hrishikesh Jaware T.; Ramesh Patil V.; Nayak C.; Elmasri A.; Ali N.; Mishra P., Alexandria Engineering Journal, Vol:76, Pg.No:(289-305), DOI: 10.1016/j.aej.2023.06.040	2023	19	Article	11100168
146	Design of 7T SRAM using InGaAs-Dual Pocket-Dual Gate-Tunnel FET for IoT applications, Rasheed G.; Sridevi S., IEEE Access, Pg.No:(1-1), DOI: 10.1109/ACCESS.2023.3296803	2023	16	Article	21693536

147	Performance Analysis of Full Duplex Bidirectional Machine Type Communication System Using IRS with Discrete Phase Shifter, Velmurugan P.G.S.; Thiruvengadam S.J.; Kumaravelu V.B.; Rajendran S.; Parameswaran R.; Imoize A.L., Applied Sciences (Switzerland), Vol:13, Issue: 12, DOI: 10.3390/app13127128	2023	11	Article	20763417
148	The Effects of Subthreshold Vibratory Noise on Cortical Activity During Motor Imagery, Lakshminarayanan K.; Shah R.; Yao Y.; Madathil D., Motor control, Vol:27, Issue: 3, Pg.No:(559-572), DOI: 10.1123/mc.2022-0061	2023	11	Article	10871640
149	Enhanced motor imagery of digits within the same hand via vibrotactile stimulation, Ramu V.; Lakshminarayanan K., Frontiers in Neuroscience, Vol:17, DOI: 10.3389/fnins.2023.1152563	2023	9	Article	1662453X
150	Ultra compact 2D- PhC based sharp bend splitters for terahertz applications, Geerthana S.; Sridarshini T.; Balaji V.R.; Sitharthan R.; Madurakavi K.; Thirumurugan A.; Dhanabalan S.S., Optical and Quantum Electronics, Vol:55, Issue: 9, DOI: 10.1007/s11082-023-04956-w	2023	9	Article	3068919
151	Highly sensitive magnetic field sensor based on uniform core fiber using Mn doped ZnO nanorods as cladding, Narasimman S.; Balakrishnan L.; Alex Z.C., Materials Science in Semiconductor Processing, Vol:166, DOI: 10.1016/j.mssp.2023.107732	2023	9	Article	13698001
152	Multi-Class Seizure Type Classification Using Features Extracted from the EEG, Selvaraj A.; Pj S.; Thomas J.; Rajamanickam Y.; Menon R.N.; Agastinose Ronickom J.F., Studies in health technology and informatics, Vol:305, Pg.No:(68-71), DOI: 10.3233/SHTI230426	2023	7	Article	18798365
153	Exploration of MgTiO3-CaTiO3 Ceramic-Based Dielectric Resonator Antenna for Sub-6 GHz 5G Communication Application, Mohapatra S.; Barman R.; Das T.K.; Badapanda T.; Bennett E.L.; Tripathy S.N., ECS Journal of Solid State Science and Technology, Vol:12, Issue: 7, DOI: 10.1149/2162-8777/ace287	2023	7	Article	21628769
154	Classifying Unstable and Stable Walking Patterns Using Electroencephalography Signals and Machine Learning Algorithms, Soangra R.; Smith J.A.; Rajagopal S.; Yedavalli S.V.R.; Anirudh E.R., Sensors, Vol:23, Issue: 13, DOI: 10.3390/s23136005	2023	7	Article	14248220
155	Weighted Moth-Flame Optimization Algorithm for Edible Oil Quality Detection Using Microwave Technologies, Ashok R.; Sundaram M.; Jaffino G.; Jose J.P., Food Analytical Methods, DOI: 10.1007/s12161-023-02517-1	2023	6	Article	19369751
156	Mathematical Modeling and Numerical Simulation of a Single-Turn MEMS Piezoresistive Pressure Sensor for Enhancement of Performance Metrics, Sabhapandit E.; Jindal S.K.; Kanekal D.; Yashwant Patil H., Journal of Circuits, Systems and Computers, DOI: 10.1142/S0218126623502766	2023	6	Article	2181266
157	IoT Enabled Smart Logistics Vehicle using Semantic Communication, Sujatha R.; Mahaboob Basha S.; Sarala B.; Jasmine Hephzipah J.; Praveena N.G.; Siva Sundhara Raja D., International Journal of Intelligent Systems and Applications in Engineering, Vol:10, Issue: 4, Pg.No:(518-522)	2022	5	Article	21476799
158	A Leakage Reduction Charge Pump based Domino Logic for Low Power VLSI Circuits, Karthikeyan A.; Balaji S.; Santhakumar R.; Rajalakshmi S.; Jayakrishnan P., International Journal of Intelligent Systems and Applications in Engineering, Vol:10, Issue: 4, Pg.No:(211-215)	2022	5	Article	21476799
159	Handwritten Digits and Optical Characters Recognition, Sharma K.; Kona S.V.J.; Jangwal A.; Aarthy M.; Prayline Rajabai C.; Sona D.R., International Journal on Recent and Innovation Trends in Computing and Communication, Vol:11, Issue: 4, Pg.No:(20-24), DOI: 10.17762/ijritcc.v11i4.6376	2023	4	Article	23218169
160	Identifying the Optimal Location of Facial EMG for Emotion Detection Using Logistic Regression, Barigala V.K.; Sriram Kumar P; Govarthan P.K.; Pj S.; Aasaithambi M.; Ganapathy N.; Pa K.; Kumar D.; Agastinose Ronickom J.F., Studies in health technology and informatics, Vol:305, Pg.No:(81-84), DOI: 10.3233/SHTI230429	2023	4	Article	18798365
161	Predicting Level-Dependent Changes in Concurrent Vowel Scores Using the 2D-CNN Models, Malik A.; Agarwal N.; Settibhaktini H.; Chintanpalli A., IEEE/ACM Transactions on Audio Speech and Language Processing, Vol:31, Pg.No:(2558-2566), DOI: 10.1109/TASLP.2023.3288411	2023	3	Article	23299290
162	DUAL-SCALE CNN ARCHITECTURE FOR COVID-19 DETECTION FROM LUNG CT IMAGES, Singh A.; Gopi V.P.; Thomas A.; Singh O., Biomedical Engineering - Applications, Basis and Communications, Vol:35, Issue: 3, DOI: 10.4015/S1016237223500126	2023	3	Article	10162372
163	MECHANICAL BEHAVIOUR OF PINEAPPLE LEAF FIBRE REINFORCED EPOXY COMPOSITES AT DIFFERENT ORIENTATIONS, Thamba N.B.; Shinde A.; Duraiswamy R.P.; Joshi R.; Kalonia Y.; Mohammed N.M.V.; Wahab R.S.; Venugopal S., Journal of Chemical Technology and Metallurgy, Vol:58, Issue: 5, Pg.No:(851-858)	2023	2	Article	13147471
164	Analytical modeling and quasi-static characterization of a lithium niobate (LiNbO3)-based metal?ferroelectric?metal?insulator?semiconductor (MFMIS) NCFET, Saritha N.R.; Pravin J.C.; Sandeep V.; J J.S.; Ramakrishnan V.N., Journal of Computational Electronics, DOI: 10.1007/s10825-023-02070-4	2023	2	Article	15698025
165	PERFORMANCE ANALYSIS OF GLOBAL AND LOCAL BASED DIMENSIONALITY REDUCTION IN HYPERSPECTRAL IMAGES, Vimala Devi M.R.; Kalaivani S., Journal of Theoretical and Applied Information Technology, Vol:101, Issue: 12, Pg.No:(5174-5186)	2023	1	Article	19928645
166	Hybrid machine learning techniques for gender identification from handwritten images using textural features, Babu D.V.; Alfurhood B.S.; Ramesh J.V.N.; Jos B.C.; Bharathi P.S.; Raju B.R.S.S., Soft Computing, DOI: 10.1007/s00500-023-08931-1	2023	1	Article	14327643
167	Impact of truncation on absorption spectra in a graphene-based random photonic crystal, Mahesh P.; Nayak C.; Panigrahy D., Emerging Materials Research, Vol:12, Issue: 2, Pg.No:(154-162), DOI: 10.1680/jemmr.22.00087	2023	1	Article	20460147
168	Gain-bandwidth Enhancement of Tapered Fed Ellipsoid Antenna for EWB (23.16-776.59 GHz) Applications Using EBG, Suguna N.; Revathi S., Progress In Electromagnetics Research B, Vol:98, Pg.No:(1-19), DOI: 10.2528/PIERB22101113	2023	0	Article	19376472
169	Implications of Toll-like receptors (TLRs) and their signaling mechanisms in human cancers, Chandrasekar S.A.; Palaniyandi T.; Parthasarathy U.; Surendran H.; Viswanathan S.; Wahab M.R.A.; Baskar G.; Natarajan S.; Ranjan K., Pathology Research and Practice, Vol:248, DOI: 10.1016/j.prp.2023.154673	2023	24	Review	3440338
170	Deep Learning Based Video Compression Techniques with Future Research Issues, Joy H.K.; Kounte M.R.; Chandrasekhar A.; Paul M., Wireless Personal Communications, DOI: 10.1007/s11277-023-10558-2	2023	16	Review	9296212

171	A survey on motion estimation and de-hazing algorithms and architectures, Nithyoosha T.; Christopher P.R., Digital Signal Processing: A Review Journal, Vol:140, DOI: 10.1016/j.dsp.2023.104130	2023	5	Review	10512004