

Scopus Publications - 2024									
Sl.No	Paper Title	Year	Citations	Type	ISSN	Imp Factor	Foreign Collab	National Collab	UG/PG
1	An efficient deep learning scheme to detect breast cancer using mammogram and ultrasound breast images, Sahu A.; Das P.K.; Meher S., Biomedical Signal Processing and Control, Vol:87, DOI: 10.1016/j.bspc.2023.105377	2024	26	Article	17468094	4.9	No	Yes	No
2	Recent advances in smart wearable sensors for continuous human health monitoring, Kulkarni M.B., Rajagopal S., Prieto-Sim?n B., Pogue B.W., Talanta, Vol:272, DOI: 10.1016/j.talanta.2024.125817	2024	19	Article	399140	5.6	Yes	No	None
3	Optimal Energy-efficient Resource Allocation and Fault Tolerance scheme for task offloading in IoT-FoG Computing Networks, Premalatha B.; Prakasam P., Computer Networks, Vol:238, DOI: 10.1016/j.comnet.2023.110080	2024	10	Article	13891286	4.4	No	No	RS
4	Application of DSO algorithm for estimating the parameters of triple diode model-based solar PV system, Kumari P.A., Basha C.H.H., Puppala R., Fathima F., Dhanamjayulu C., Chinthaginjala R., Mohammad F., Khan B., Scientific Reports, Vol:14, Issue: 1, DOI: 10.1038/s41598-024-53582-3	2024	9	Article	20452322	3.8	Yes	Yes	None
5	Healthcare with datacare?a triangular DNA security, Banu S.A.; Al-Alawi A.I.; Padmaa M.; Priya P.S.; Thanikaiselvan V.; Amirtharajan R., Multimedia Tools and Applications, DOI: 10.1007/s11042-023-16303-y	2024	7	Article	13807501	3	Yes	Yes	None
6	Touch-Enabled Self-Powered Elastomeric Keypad for Mapping Human Input and an Emergency Alert via Triboelectric Effect, Sukumaran C., Abdul Basith S., Vivekananthan V., Kim S.-J., Chandrasekhar A., Energy Technology, DOI: 10.1002/ente.202300831	2024	6	Article	21944288	3.6	Yes	Yes	PG
7	Development of renewable energy fed three-level hybrid active filter for EV charging station load using Jaya grey wolf optimization, SriLakshmi K., Santosh D.T., Ramadevi A., Balachandran P.K., Reddy G.P., Palanivelu A., Colak I., Dhanamjayulu C., Chinthaginjala R.K., Khan B., Scientific Reports, Vol:14, Issue: 1, DOI: 10.1038/s41598-024-54550-7	2024	6	Article	20452322	3.8	Yes	Yes	None
8	Biomimicking hydrophobic leaf structure using soft lithography for fog harvesting, triboelectric nanogenerators as a self-powered rain sensor, Begum S.R., Chandrasekhar A., iScience, Vol:27, Issue: 2, DOI: 10.1016/j.isci.2024.108878	2024	5	Article	25890042	4.6	No	No	No
9	Miniaturized meander-line dual-band implantable antenna for biotelemetry applications, Kangeyan R.; Karthikeyan M., ETRI Journal, DOI: 10.4218/etrij.2023-0050	2024	5	Article	12256463	1.3	No	No	RS
10	Analysis and multi-objective evolutionary optimization of Solar-Biogas hybrid system operated cascade Kalina organic Rankine cycle for sustainable cooling and green hydrogen production, Madhesh K., Devesh D.R., Vivin T., Praveen Raj M., Phelan P.E., Vignesh Kumar V., Praveen Kumar G., Energy Conversion and Management, Vol:301, DOI: 10.1016/j.enconman.2023.117999	2024	5	Article	1968904	9.9	Yes	No	UG
11	Dual-band miniaturized composite right left handed transmission line ZOR antenna for microwave communication with machine learning approach, Kumar Rai J., Anuragi K., Mishra N., Chowdhury R., Kumar S., Ranjan P., AEU - International Journal of Electronics and Communications, Vol:176, DOI: 10.1016/j.aeu.2024.155120	2024	5	Article	14348411	3	No	Yes	None
12	Parkinson?s disease classification using nature inspired feature selection and recursive feature elimination, Chawla P.K.; Nair M.S.; Malkhede D.G.; Patil H.Y.; Jindal S.K.; Chandra A.; Gawas M.A., Multimedia Tools and Applications, DOI: 10.1007/s11042-023-16804-w	2024	4	Article	13807501	3	No	Yes	PG
13	Smart maracas: An innovative triboelectric nanogenerator for earthquake detection and energy harvesting, Chandrasekhar A., Basith S.A., Vivekananthan V., Khandelwal G., Joseph Raj N.P.M., Purusothaman Y., Kim S.J., Nano Energy, Vol:123, DOI: 10.1016/j.nanoen.2024.109379	2024	4	Article	22112855	16.8	Yes	Yes	No
14	Impact of Deep Cryogenic Temperatures on High-k Stacked Dual Gate Junctionless MOSFET Performance: Analog and RF analysis, Ghosh R.; Nelapati R.P., Silicon, DOI: 10.1007/s12633-023-02705-y	2024	4	Article	1876990X	2.8	No	No	None
15	Flexible and rigid spinel ferrite carboneous composite as a future of tunable absorption dominant cmWave shielding materials, Khade V., Thirumalasetty A.B., Rathod A.A., Chaoukiker Y.K., Wuppulluri M., Journal of Materials Chemistry A, DOI: 10.1039/d3ta07624e	2024	4	Article	20507488	10.7	No	No	RS
16	Narrow band of vehicular things communication system using hybrid pelican-beetle swarm optimization approach for intelligent transportation system, Vinodhini M., Rajkumar S., Vehicular Communications, Vol:45, DOI: 10.1016/j.vehcom.2023.100723	2024	3	Article	22142096	5.8	No	No	None
17	A systematic approach for the development of wide band band pass filters using resonators, Mani D.S., Rao Inabathini S., AEU - International Journal of Electronics and Communications, Vol:175, DOI: 10.1016/j.aeu.2023.155115	2024	3	Article	14348411	3	No	No	No

18	Experimental and ab initio studies of the structural and optoelectronic properties of hexagonal wurtzite ZnO1-xSx alloys, Lakshmanan A.; Alex Z.C.; Meher S.R., Materials Chemistry and Physics, Vol:312, DOI: 10.1016/j.matchemphys.2023.128674	2024	3	Article	2540584	4.3	No	No	No
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20	Hybrid AE and Bi-LSTM-Aided Sparse Multipath Channel Estimation in OFDM Systems, Kondepogu V., Bhattacharyya B., IEEE Access, Pg.No:(1-1), DOI: 10.1109/ACCESS.2024.3350212	2024	3	Article	21693536	3.4	No	No	RS
21	A Deforestation Detection Network Using Deep Learning-Based Semantic Segmentation, Das P.K., Sahu A., Xavy D.V., Meher S., IEEE Sensors Letters, Pg.No:(1-4), DOI: 10.1109/LENS.2023.3340562	2024	3	Article	24751472	2.2	No	Yes	No
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24	A Compact Boat Shaped Dual-Band MIMO antenna with Enhanced Isolation for 5G / WLAN Application, Munusami C., Venkatesan R., IEEE Access, Pg.No:(1-1), DOI: 10.1109/ACCESS.2024.3356078	2024	3	Article	21693536	3.4	No	No	RS
25	Ni-Ti3C2 MXene composite derived from Ni-metal organic framework for electrochemical hydrogen evolution reaction in acidic and alkaline medium, Gothandapani K.; Tamil Selvi G.; Sofia Jennifer R.; Velmurugan V.; Pandiaraj S.; Muthuramamoorthy M.; Pitchaimuthu S.; Raghavan V.; Josephine Malathi A.C.; Alodhayb A.; Nirmala Grace A., International Journal of Hydrogen Energy, DOI: 10.1016/j.ijhydene.2023.10.022	2024	3	Article	3603199	8.1	Yes	Yes	None
26	Design and Implementation of Novel H-Shaped Self-Diplexing SIW Rectangular Cavity-Backed Antenna with Harmonic Suppression for Terrestrial Communications, Asaithambi R., Kumar R., International Journal of Antennas and Propagation, Vol:2024, DOI: 10.1155/2024/6618202	2024	3	Article	16875869	1.2	No	No	RS
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