

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
LIST OF JOURNAL PUBLICATIONS
ACADEMIC YEAR: 2024-25

SI No	Paper Title	Journal Name	Authors (et. al)	Scimago SJR Quartile	Impact factor	H-Index	Volume, Issue, Month & Year	DOI	SCL,SCIE ESCI/Scopus
1	Machine Learning Aided Tapered 4-Port MIMO Antenna for V2X Communications with Enhanced Gain and Isolation,	IEEE Access Journal	Nagesh Kallollu Narayanaswamy; Yazeed Alzahrani; Krishna Kanth Varma Penmatsa; Ashish Pandey; Ajay Kumar Dwivedi; Vivek Singh	Q1	2.4	242	February 2025	https://doi.org/10.1109/ACCESS.2025.3543183	SCIE
2	A taguchi neural network-based optimization of a dual-port, dual-band MIMO antenna encompassing the 28/34 GHz millimeter wave regime	Nature - Scientific Reports	Ajay Kumar Dwivedi, Vivek Singh, Yazeed Alzahrani, R Krishna Chaitanya, Suyash Kumar Singh, Subhav Singh, Komal Parashar & Manoj Tolani	Q1	4.3	315	February 2025	https://doi.org/10.1038/s41598-025-90103-2	SCIE
3	A Review on Computational Low-Light Image Enhancement Models: Challenges, Benchmarks, and Perspectives	Archives of Computational Methods in Engineering, Springer	Pallavi Singh, A. K Bhandari	Q1	9.7	92	February 2025	https://doi.org/10.1007/s11831-025-10226-7	SCIE
4	Fabrication of a Two-Dimensional Heterostructured MoS ₂ -RGO Nanocomposite for Enhanced Photocatalytic Hydrogen Evolution	ACS Applied Energy Materials	Murthy Muniyappa, Navya Rani Marilingaiah, Manjunath Shetty, Maresh Shastri, Manikanta Palya Narayanaswamy, Takaaki Tomai, Akira Yoko, Karunakar Rai, HJ Yashwanth, Dinesh Rangappa	Q1	5.4	88	December 2024	doi.org/10.1021/acsaem.4c02228	SCIE
5	Metasurface Absorber for Millimeter Waves: A Deep Learning-Optimized Approach For Enhancing The Isolation of Wideband Dual-Port MIMO Antennas	Scientific Reports, Nature	Nagesh K N, T Y Sateesha, A.K Dwivedi, Vivek Singh, M. Tolani	Q1	3.8	315	December 2024	https://doi.org/10.1038/s41598-024-81854-5	SCIE
6	Hybrid RNN Based Text Classification Model for Unstructured Data	Springer SN Computer Science	S Rohith et. al	Q2	4.3	88	October 2024	doi.org/10.1007/s42979-024-03091-x	Scopus

7	Metasurface Inspired Printed Dual-Port MIMO Antenna System with LP to CP Conversion Features for Millimeter Wave n260 Band Applications	Scientific Reports, Nature	Anitha C, V. Singh, A.K Dwivedi, Nagesh K.N	Q1	3.8	315	October 2024	https://doi.org/10.1038/s41598-024-75696-4	SCIE
8	Review: Metamaterial/Metasurface Applications in Antenna Domain	Opto-Electronics Review	Anitha C, V. Singh, A K Dwivedi, Nagesh K N	Q3	1.3	49	August 2024	https://doi.org/10.24425/opte.2024.151692	SCIE
9	Machine Learning Optimized Compact Circularly Polarized Dual Port-MIMO Antenna with Polarization Diversity for Ku-Band Applications	Physica Scripta, IOP Science	Manjunath M.N, A.K Dwivedi, S. Pandey, V. Singh	Q2	2.9	97	August 2024	https://iopscience.iop.org/article/10.1088/1402-4896/ad69de	SCIE

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1	A Wideband Polarization Diversified MIMO Antenna with Improved Isolation using Machine Learning Optimized Metasurface Absorber	Physica Scripta, IOP Science	Ajay Kumar Dwivedi; Manjunath M N; Ankita Shukla; Suyash Kumar Singh; Anand Sharma; Vivek Singh	Q2	2.9	97	July 2024	https://doi.org/10.1088/1402-4896/ad6048	SCIE
2	Design and Implementation of Collaborative Energy Efficient IoT-based LoRa WAN	Power System technologies	Ravi Kumar M G, Mrinal Sarvagya, Prasad S N, Kavya B S, Sunil T	Q1	1.18	20	July 2024	https://doi.org/10.52783/pst.637	Scopus
3	Deep learning methodologies based on metaheuristics for predictive engine maintenance	Acta IMEKO	Kumar P.D, Sowmya B.J., Kanavalli A., Shruthi, G, Rohith S	Q3			June 2024	https://doi.org/10.21014/actaimeko.v13i2.1667	Scopus
4	Enhanced Hybrid Intrusion Detection System with Attention Mechanism using Deep Learning	SN Computer Science (Springer),	Chavan P, Hanumanthappa H, Satish E.G, Rohith, S.	Q2	0.705	34	June 2024	https://doi.org/10.1007/s42979-024-02852-y	Scopus
5	Dual port high gain frequency reconfigurable THz graphene–silicon ring ceramic antenna with polarization and pattern diversity features	Journal of Optics, Springer	Kailash Pati Dutta, Krishna Kanth Varma Penmatsa, Sreenivasulu Kyathari Neelakanteshwaralu, Amarendra Kumar, Deepak Sigroha, Gagandeep Bhart	Q3	1.8	23	June 2024	https://doi.org/10.1007/s12596-024-01934-7	SCIE
6	Metasurface Loaded Dual-Port Al2O3 Ceramic based Antenna with Improved Gain and Circular Polarization Characteristics	Physica Scripta, IOP Science	A. Yadav, A.K Dwivedi, I K Singh, K K Verma, G. Das, A. Sharma	Q2	2.9	97	Volume 99, Number 30, May 2024	https://doi.org/10.1088/1402-4896/ad4eac	SCIE

7	An RNN-Bi LSTM Based Multi Decision GAN Approach for the Recognition of Cardiovascular Disease (CVD) From Heart Beat Sound: A Feature Optimization Process	IEEE Access	N. A. Vinay, K. N. Vidyasagar, S. Rohith, Dayananda Pruthviraja	Q1	3.9	242	65482 - 65502, 06 May 2024	https://doi.org/10.1109/ACCESS.2024.3397574	SCIE
8	Key Performance Indicators Optimization For Long Term Evolution Networks Using Machine Learning	Machine Intelligence Research, Springer nature	Yadu Prasad C, H.Venkatesh Kumar	Q1	3.9	11	Vol. 18 No. 01 April 2024	https://machineintelligenceresearch.com/article/view/Abstract-2024-434.php	--
9	Quad Port MIMO Circularly Polarized Antenna for n77/n78 5G Coverage with Spatial and Polarization Diversity	Wireless Personal Communications	K. Varma, Nagesh K N, A.K Dwivedi, V. Singh	Q2	2.047	82	April 2024	https://doi.org/10.1007/s11277-024-11089-0	SCIE
10	Design and investigation of Compact Backed Mirror Two Port MIMO Antenna for n257 (30 GHz) 5G Spectrum	Journal of Infrared, Millimeter, and Terahertz Waves, Springer	A.K Singh, A.K Dwivedi, V. Singh	Q2	2.9	77	April 2024	https://doi.org/10.1007/s10762-024-00982-1	SCIE
11	Design and Investigation on Circularly Polarized Tunable Two Port Silicon Ceramic-Graphene Based Filtenna in THz Frequency Regime	Optical and Quantum Electronics, Springer	Harish V, Nagesh K.N, A.K Dwivedi, V. Singh	Q2	2.794	62	Apr 2024	https://doi.org/10.1007/s11082-024-06443-2	SCIE
12	A review on emotion recognition from dialect speech using feature optimization and classification techniques	Multimedia Tools and Applications, Springer	Sunil Thimmaiah, Vinay N A, Ravikumar M G, Prasad S R	Q1	3.158	80	Mar 2024	https://doi.org/10.1007/s11042-024-18297-7 13	SCIE

13	A rapid supercritical water approach for one-pot synthesis of a branched BiVO ₄ /RGO composite as a Li-ion battery anode	RSC Advances	Dinesh Rangappa, Karnan M, Murthy Muniyappa , Manjunath Sheety	Q1	3.9	210	3/1/2024	10.1039/D3RA07731D	SCIE
14	Machine Learning Assisted Dual Port Metasurface Loaded MIMO Antenna with LP to CP Conversion Features for n257 Band of 5G mm-wave Applications	International Journal of Communication Systems, Wiley	A. K Dwivedi , S. Singh, P. Ranjan, A. Sharma, V. Singh	Q2	2.047	52	2/1/2024	https://doi.org/10.1002/dac.5737	SCIE
15	Two-Port Metasurface-Loaded Circularly Polarized Al ₂ O ₃ Ceramic-Based Filtering Antenna for 2.5/2.6 GHz Band	Journal of Electronic Materials Springer	Abhimanyu Yadav, Nagesh Kallollu Narayanaswamy , N.K., Tiwari, M.	Q2	2.1	107	Volume 52, pages 8141–8150, 03 Oct, 2023	https://doi.org/10.1007/s11664-023-10734-x	SCIE
16	Enhancing Precision in Lung Cancer Diagnosis through Machine learning Algorithms	International Journal of Advanced Computer Science and Applications	Nasareenbanu Devihosur, RaviKumar M G	Q3	0.284	35	Volume 14, Issue 8, page no. 1069 - 1077, Sep 2023	DOI:10.14569/IJACSA.2023.01408116	Scopus
17	Secured Wireless Network based on a novel Dual Integrated Neural Network architecture	Journal of Electrical and Computer Engineering, Hindawi Journal of Electrical and Computer Engineering	H. V. Ramachandra,Pundalik Chavan,S. Supreeth,H. C. Ramaprasad,K. Chatrapathy,G. Balaraju, S. Rohith ,and H. S. Mohan	Q3	0.417	32	Article ID 9390660, Volume 23, 28 Sep 2023	https://doi.org/10.1155/2023/9390660	Scopus
18	Design and Analysis of a Six-Element UWB-X Band MIMO Antenna for High-Speed IoT, Imaging, and Radar Applications	IETE Journal of Research, Taylor and Francis	Manish Sharma, Tathababu Addepalli, K. N. Nagesh , Nella Anveshkumar & Dheeraj Kumar	Q2	1.877	30	Early Access, 04 Sep 2023	https://doi.org/10.1080/03772063.2023.2248935	SCIE
19	Dual-Step Hybrid Mechanism for Energy Efficiency Maximization in Wireless Network	Cybernetics and Information Technologies	Pundalik Chavan, Neelam Malyadri, Husna Tabassum, Supreeth S, Sharada P N, Gururaj Murtugudde, Rohith S	Q2	0.42	21	Volume 23 (2023): Issue 3, Sep 2023	10.2478/cait-2023-0025	SCIE

20	Circularly polarized printed dual port MIMO antenna with polarization diversity optimized by machine learning approach for 5G NR n77/n78 frequency band applications	Scientific Reports, Nature	Ajay Kumar Dwivedi, Nagesh, K.N, K. Varma, S. Singh, A. Sharma, V. Singh	Q1	4.6	282	Article number: 13994 , 26 Aug 2023	https://doi.org/10.1038/s41598-023-41302-2	SCIE
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1	Compact Ultra-Wideband Multilayer Patch Antenna with Defected Ground Plane for Ku Band Applications	Microwave Review	K. Patil, Mownika T, Chethana, A.K Dwivedi, Nagesh K.N, V. Singh	Q4	--	7	Jul 2023	http://www.mtt-serbia.org.rs/files/MWR/MWR-2023jul/Vol29No1-2260-3-Patil.pdf	Scopus
2	4-Port MIMO antenna with novel isolator conducting structure for sub-1 GHz/sub-6 GHz and RF-energy harvesting applications	Journal of Electromagnetic Waves and Applications, Taylor & Francis	Nagesh K.N , K K Varma, B Kumar, R. K Singh, B. Mishra, D K Singh	Q3	1.438	53	Volume 37, Issue 13, page no.1082-1105 , 21 June 2023	https://doi.org/10.1080/09205071.2023.2224081	SCIE
3	Electrochemical sensor of carboxymethyl cellulose and photocatalytic degradation of Navy Blue dye by sonochemically synthesized Titanium oxide nanoparticles	Sensors International, Elsevier	KM Mamatha, V Srinivasa Murthy, BM Thammanna, T Naveen Kumar, AA Jahagirdar, A Naveen Kumar, Murthy Muniyappa, CR Ravikumar, HC Ananda Murthy	Q1	0.85	21	Volume 4, 2023, 100239	https://doi.org/10.1016/j.sintl.2023.100239	SCIE
4	Split Ring Loaded Quad Port MIMO Antenna for LTE-4G/LTE-U bands of Sub-6 GHz	Wireless Personal Communications	K. K Varma, Nagesh K.N	Q2	2.047	75	11 May 2023	https://doi.org/10.1007/s11277-023-10487-0	SCIE
5	Design and Optimization of MIMO Dielectric Resonator Antenna Using Machine Learning for Sub-6 GHz based 5G IoT Applications	Arabian Journal for Science and Engineering, Elsevier	P. Ranjan, A. Krishnan, Ajay Kumar Dwivedi , S. Singh, A. Sharma	Q1	2.807	50	31 March 2023	https://link.springer.com/article/10.1007/s13369-023-07830-9	SCIE
6	Circularly Polarized Parasitic Strips Loaded Broadband Printed Antenna for Sub-6 GHz (n77/n78/n79) Domain	IETE Journal of Research, Taylor & Francis	Manjunath MN, Ajay Kumar Dwivedi, Nagesh K.N, A. Sharma, V. Singh	Q3	1.877	28	Early Access, 05 March 2023	https://doi.org/10.1080/03772063.2023.2183905	SCIE

7	Design of Compact 2-Port Dual-Band Dual Polarized MIMO antenna for CBRS and WLAN Sub-6 GHz Applications	International Journal of Communication Systems, Wiley	K. K Varma, Nagesh K.N	Q2	2.047	52	Early Access, 22 Feb 2023	https://doi.org/10.1002/dac.5460	SCIE
8	Four Port Dielectric Resonator Based MIMO Antenna Design for Cognitive Radio Applications	IEEE Transactions on Circuits and Systems II: Express Briefs	K.Tyagi, Ajay Kumar Dwivedi , S. Singh, P. Ranjan, A. Sharma	Q1	3.691	119	Early Access, 20 Dec 2022	https://ieeexplore.ieee.org/document/9993790	SCIE
9	High-isolated, low correlation and wide frequency reconfigurable (2.1–4.2 GHz) MIMO antenna for cognitive radio applications	Journal of Electromagnetic Waves and Applications, Taylor & Francis	Nagesh K.N , Nirupama MP, R. K Singh, B. Mishra	Q3	1.438	53	Early Access, 22 Dec 2022	https://doi.org/10.1080/09205071.2022.2158374	SCIE
10	In-situ preparation of silk-cocoon derived carbon and LiFePO ₄ nanocomposite as cathode material for Li-ion battery	Ceramics International, Elsevier	Vinay Gangaraju, Mahesh Shastri , Krushitha Shetty, Navya Rani Marilingaiah, Anantharaju K.S, Prasanna, Doddakunche Shivaramu, Dinesh Rangappa	Q1	5.3	126	336.04-2022, 01 Dec 2022	https://doi.org/10.1016/j.ceramint.2022.04.336	SCIE
11	Metasurface Loaded Ceramic Based MIMO Antenna with High Isolation and Circular Polarization Features	Journal of Electronic Materials, Springer	G.R Reddy, Ajay Kumar Dwivedi , V. Singh, K.N Nagesh, A. Sharma	Q2	2.047	102	Published online: 30 Nov 2022	https://doi.org/10.1007/s11664-022-10088-w	SCIE
12	Microstrip Line Fed Dielectric Resonator Antenna Optimization using ML Algorithms	Sādhanā – Academy Proceedings in Engineering Sciences, Springer	O. Singh, M.R Bharamagoudra, H. Gupta, Ajay Kumar Dwivedi , P. Ranjan, A. Sharma	Q2	1.188	52	47, Article number: 226 (2022)	https://doi.org/10.1007/s12046-022-01989-x	SCIE
13	Mutual Coupling and RCS Reduction of MIMO Dielectric Resonator Antenna for S-band Applications	Waves in Random and Complex Media, Taylor & Francis	M.Yadav, Ajay Kumar Dwivedi , Nagesh K.N , A. Pandey, V. Kumar, A. Sharma	Q2	4.051	50	Published online: 02 Nov 2022	https://doi.org/10.1080/17455030.2022.2139429	SCIE
14	Dynamic Source Routing Protocol for Robust Path Reliability and Link Sustainability Aware Routing in Wireless Communication	Optik, Elsevier	C.V. Nanda Kishore , H. Venkatesh Kumar	Q2	2.84	79	Available online 27 September 2022, 170036	https://doi.org/10.1016/j.ijleo.2022.170036	SCIE

15	An Efficient Policy-Based Scheduling and Allocation of Virtual Machines in Cloud Computing Environment	Journal of Electrical and Computer Engineering	S. Supreeth ,Kirankumari Patil, Shantala Devi Patil , S. Rohith ,Y. Vishwanath and K. S. Venkatesh Prasad	Q2	0.417	30	Article ID 5889948, 24 Sep 2022	https://doi.org/10.1155/2022/5889948	Scopus, ESCI (Open Access)
16	Efficient Graphene Based Circularly Polarized MIMO Antenna for THz Applications	Applied Optics, Optica Publishing Group	C.S Vamsi, Ajay Kumar Dwivedi , G. Bharti, A. Sharma	Q2	1.905	203	Vol. 61, Issue 28, pp. 8155-8161, 21 Sep 2022	https://doi.org/10.1364/AO.462531	SCIE
17	Design and Development of Ceramic based MIMO Filtenna with Circular Polarization Features	Journal of Electronic Materials, Springer	Nagesh K.N , R. Priyadarshini, Rani BA, N. Anjum, Jyothi S.K, Ajay Kumar Dwivedi*	Q2	2.047	102	Volume 51, pages 6586–6594, 10-Sep-22	https://doi.org/10.1007/s11664-022-09900-4	SCIE
18	Aperture Coupled Dielectric Resonator Antenna Optimisation using Machine Learning Techniques	AEUE - International Journal of Electronics and Communications, Elsevier	A. Srivastavaa, H. Gupta, Ajay Kumar Dwivedi , K.K Varma, P. Ranjan, A. Sharmaa	Q2	3.183	65	Volume 154, September 2022, 154302	https://doi.org/10.1016/j.aeue.2022.154302	SCIE
19	Enhanced photocatalytic hydrogen evolution from reduced graphene oxide-defect rich TiO ₂ -x nanocomposites	International Journal of Hydrogen Energy, Elsevier	S Jagadeesh Babu, Murthy Muniyappa, Navakoteswara Rao, Ravi Mudike, Mahesh Shastri , Sardar Tathagata, Prasanna D Shivaramu, MV Shankar, Ananda Kumar, Dinesh Rangappa	Q1	7.13	231	14th August 2022	doi.org/10.1016/j.ijhydene.2022.07.115	SCIE
20	Real Time Implementation of Fuzzy Controller to Minimize Torque Ripple in Switched Reluctance Motor	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	Babitha S, H.V.Govindaraju, Padmashree .V.Kulkarni, Rohith S , Jyoti P. Koujalagi	Q3	0.23	9	Volume 11, Issue-03, PP 308-317, 16 July 2022	https://ijisae.org/index.php/IJISAE/article/view/3171	Scopus indexed
21	Performance Evaluation of Integrated Hard Real-Time Application and RISC V Processor for Spacecraft on Board Software Application	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	Vishwanath Y, Kiran Desai, R S Upendra, Venkatesh Prasad, Sasidhar Babu Suvanam, Arun Biradar, Supreeth S, Rohith S	Q3	0.23	9	Vol. 11 NO. 3 (2023), 16 July 2022	https://www.ijisae.org/index.php/IJISAE/article/view/3287	Scopus indexed

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1	Circularly Polarized Tunable Graphene-Patch over SiO ₂ substrate for THz Applications	Optical and Quantum Electronics, Springer	Nagesh K.N, M.Bhosle, K.Varma, Ajay Kumar Dwivedi*	Q2	2.794	62	54, Article number: 550 (2022),25 July 2022	https://doi.org/10.1007/s11082-022-04000-3	SCIE
2	Compact 4-port planar MIMO antenna with enhanced isolation	Sāadhanā – Academy Proceedings in Engineering Sciences, Springer	A.K Singh, Ajay Kumar Dwivedi, Nagesh K.N, V.Singh and R.S Yadav	Q2	1.188	52	Vol. 47, Article number: 138,12 July 2022	https://link.springer.com/article/10.1007/s12046-022-01916-0	SCIE
3	Two Asymmetric Cylindrical Dielectric Resonator Loaded Dual Port MIMO Antenna for Wide Band Application with Circular Polarization Attributes	International Journal of Communication Systems, Wiley	Ajay Kumar Dwivedi, Nagesh K.N, H.Venkatesh Kumar, S. Singh, J. Mungara, A. Sharma and V. Singh	Q2	2.047	52	Volume35, Issue10,10 July 2022,e5155	https://doi.org/10.1002/dac.5155	SCIE
4	A Compact MIMO Antenna for 5G NR Frequency Bands n257/n258/n261 Under Millimeter-Wave Communication	IETE Journal of Research, Taylor & Francis	A.KSingh,Ajay Kumar Dwivedi,C. Jha,S. Singh, V.Singh,R. S. Yadav	Q3	1.877	28	Early Access, 30 June 2022	https://doi.org/10.1080/03772063.2022.2091044	SCIE
5	Silk Fiber Multiwalled Carbon Nanotube-Based Micro-/Nanofiber Composite as a Conductive Fiber and a Force Sensor	ACS Omega	Sindhu Sree Muralidhar, Vinay Gangaraju, Mahesh Shastri, Navya Rani Marilingaiah, Arjun dey, Sushil Kumar Singh, Dinesh Rangappa	Q1	3.512	55	7, 24, 2022,20809–20818,June 7, 2022	https://doi.org/10.1021/acsomega.2c01392	SCIE (Open Access)
6	SHO based Deep Residual network and hierarchical speech features for speech enhancement	International Journal of Speech Technology, Springer	Manju Ramrao Bhosle, Nagesh K.N	Q1	..	32	Int J Speech Technol (2022),25th May 2022	https://doi.org/10.1007/s10772-022-09972-x	Scopus

7	Probabilistic Based Optimal Node Localization in Wireless Sensor Networks	International Journal of Computer Networks & Communications (IJCNC)	S.Jadahav, Nagesh K.N	Q4	..	10	Vol.14, No.3, May 2022	DOI: 10.5121/ijcnc.2022.14306 91	Scopus
8	Dielectric Resonator based Two Port Filtenna with Pattern and Space Diversity for 5G IoT Applications	International Journal of Microwave and Wireless Technologies, Cambridge University Press	D.Sharma, R. Katiyar, A.K Dwivedi, Nagesh K.N, A. Sharma, P.Ranjan	Q3	1.064	24	First View , pp. 1 - 8, 07 February 2022	https://doi.org/10.1017/S1759078722000150	SCIE
9	Circularly polarised Dielectric Resonator based Two port Filtenna for Millimeter-Wave 5G Communication System	IETE Technical Review, Taylor and Francis	Ashish Kumar, Ajay Kumar Dwivedi, K.N.Nagesh, Anand Sharma and Pinku Ranjan	Q2	2.2	35	Volume 39, 2022 - Issue 6, 2 Feb 2022	doi.org/10.1080/02564602.2022.2028588	SCIE
10	Ceramic Material based Optical Antenna for Multiband Photonics Applications	Optical Engineering, SPIE Digital Library	A. Sharma, A.K Dwivedi, Nagesh K.N, Y.K Prajapati, D.K Tripathi	Q2	1.098	109	61(1), 017104 (2022), 31 January 2022	https://doi.org/10.1117/1.OE.61.1.017104	SCIE
11	High-isolated Wifi-2.4 GHz/LTE MIMO antenna for RF-energy harvesting applications	AEU - International Journal of Electronics and Communications	Akhilesh Kumar, Nagesh Kallollu Narayaswamy, H. Venkatesh Kumar, Brijesh Mishra, Shadab Azam Siddique, Ajay Kumar Dwivedi,	Q2	3.169	65	Volume 141, Nov 2021	doi.org/10.1016/j.aeue.2021.153964	SCIE
12	Broadband Dielectric Resonator Antenna with Dual-Frequency Circularly polarized response for WLAN and WiMAX Applications	International Journal of Circuit Theory and Applications, Wiley	A. Sharma, A.K Dwivedi, Nagesh K.N, A. Gupta, D.K Tripathi	Q2	2.038	52	Volume50, Issue2, Pages 525-538, 5 Oct 2021	https://doi.org/10.1002/cta.3151	SCIE
13	Remote Controlled Reconfigurable Hexa-Band Antenna for RF-Energy Harvesting Systems	International Journal of Circuit Theory and Applications, Wiley	S.A Siddique, Nagesh K.N, H. Venkatesh Kumar, Chethana Gosal, Brijesh Mishra	Q2	2.038	52	Volume50, Issue2, Pages 496-506, 28 Sep 2021	https://doi.org/10.1002/cta.3144	SCIE
14	A Review on Microstrip Patch Antenna Parameters	International Journal of Microwave and	B. Mishra, R.K Verma, Yashwanth N, R.K Singh	Q3	1.064	24	Volume 14 Issue 5, 03 August 2021	https://doi.org/10.1017/S1759078721001148	SCIE

	of different Geometry and Bandwidth Enhancement Techniques	Wireless Technologies, Cambridge University Press							
15	UWB Multilayer Patch Antenna with EBG Structure for IEEE-C, X, Ku and K Band Applications	Wireless Personal Communications, Springer	A. Kumar, Shekhar, Nagesh K.N. , and B. Mishra	Q2	2.017	65	121, pages1405–1422 (2021),03 August 2021	https://doi.org/10.1007/s11277-021-08676-w	SCIE