

**Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years (2019-2023):**

3.4.4.1: Number of research papers published in the Journals as notified on UGC website during the last five years (2019-2023): 160

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list
"A Secure Key Expansion Algorithm for PRESENT"	Sultan, I., Lone, M. Y., Nazish, M., Banday, M. T.	Electronics and Instrumentation Technology	IEEE Sensors	2023	Print ISSN: 1530-437X Electronic ISSN: 1558-1748		<a href="https://www.doi.org/10.1109/JSEN.2023.3267386">https://www.doi.org/10.1109/JSEN.2023.3267386</a>	Yes
"Analyzing RNA-Seq Gene Expression Data for Cancer Classification through ML Approach"	Wahid, A., Banday, M. T	Electronics and Instrumentation Technology	International Journal of Advanced Computer Science and Applications (IJACSA)	2023	ISSN : 2156-5570 (Online) ISSN : 2158-107X (Print)		<a href="https://www.doi.org/10.14569/IJACSA.2023.0140984">https://www.doi.org/10.14569/IJACSA.2023.0140984</a>	Yes
"An Efficient Permutation Approach for SbPN-based Symmetric Block Ciphers"	Nazish M., Banday M. Tariq, Syed Insha, Banday Sheena.	Electronics and Instrumentation Technology	Cybersecurity Journal	2023	2523-3246		<a href="https://www.doi.org/10.1186/s42400-023-00174-9">https://www.doi.org/10.1186/s42400-023-00174-9</a>	Yes
"Classification of DNA Microarray Gene Expression Leukaemia Data through ABC and CNN Method"	Wahid, A., Banday, M. T.	Electronics and Instrumentation Technology	International Journal of Intelligent Systems and Applications in Engineering	2023	2147-6799		<a href="https://ijisae.org/index.php/IJISAE/article/view/2939">https://ijisae.org/index.php/IJISAE/article/view/2939</a>	Yes

<p>“Prevalence, Characteristics and Socio-Demographic Correlates of Self-Stigma among Leprosy Patients - A Case Study”</p>	<p>Bhat L., Khan N., Vaida N., Hassan I., Banday, M. T.</p>	<p>Electronics and Instrumentation Technology</p>	<p>Indian Journal of Leprosy</p>	<p>2023</p>	<p>0254-9395</p>	<p><a href="https://www.ijl.org.in/published-articles/29032023081717/1_Bhat_et_al_1-15.pdf">https://www.ijl.org.in/published-articles/29032023081717/1_Bhat_et_al_1-15.pdf</a></p>	<p>Yes</p>
<p>Exploiting Steep Sub-threshold Swing of Tunnel FET for Energy-Efficient Leaky Integrate-and-Fire Neuron Model</p>	<p>Mudasir A. Khanday, FAROOQ A. KHANDAY</p>	<p>Electronics and Instrumentation Technology</p>	<p>IEEE Transactions on Nanotechnology</p>	<p>2023</p>	<p>1536-125X</p>	<p><a href="https://doi.org/10.1109/TNANO.2023.3296557">https://doi.org/10.1109/TNANO.2023.3296557</a></p>	<p>Yes</p>
<p>Resistive random access memory: introduction to device mechanism, materials and application to neuromorphic computing</p>	<p>Furqan Zahoor, Fawnizu Azmadi Hussin, Usman Bature Isyaku, Shagun Gupta, F. A. KHANDAY, Anupam Chattopadhyay, Haider Abbas</p>	<p>Electronics and Instrumentation Technology</p>	<p>Nanoscale Research Letters</p>	<p>2023</p>	<p>1556-276X</p>	<p><a href="https://doi.org/10.1186/s11671-023-03775-y">https://doi.org/10.1186/s11671-023-03775-y</a></p>	<p>Yes</p>
<p>An Active Memristor based Rate-Coded Spiking Neural Network</p>	<p>Aabid Amin Fida, F. A. KHANDAY, Sparsh Mittal</p>	<p>Electronics and Instrumentation Technology</p>	<p>Neurocomputing</p>	<p>2023</p>	<p>ISSN(O): 1872-8286, ISSN(P): 0925-2312</p>	<p><a href="https://doi.org/10.1016/j.neucom.2023.02.038">https://doi.org/10.1016/j.neucom.2023.02.038</a></p>	<p>Yes</p>

Dual material tri-gate Schottky barrier FET as label free biosensor	Shazia Rashid, Faisal Bashir, F. A. KHANDAY, M Rafiq Beigh	Electronics and Instrumentation Technology	Materialstoday: Proceedings	2023	2214-7853		<a href="https://doi.org/10.1016/j.matpr.2022.08.318">https://doi.org/10.1016/j.matpr.2022.08.318</a>	Yes
Bottom Metal Strip based Ferroelectric Schottky Barrier MOSFET	Rumisa Salam, Faisal Bashir, Shazia Rashid, F. A. KHANDAY	Electronics and Instrumentation Technology	Materialstoday: Proceedings	2023	2214-7853		<a href="https://doi.org/10.1016/j.matpr.2022.08.319">https://doi.org/10.1016/j.matpr.2022.08.319</a>	Yes
Optimized quantum implementation of novel controlled adders/subtractors	Hilal A. Bhat, F. A. KHANDAY and Brajesh K. Kaushik	Electronics and Instrumentation Technology	Quantum Information Processing	2023	1573-1332		<a href="https://doi.org/10.1007/s11128-023-03896-4">https://doi.org/10.1007/s11128-023-03896-4</a>	Yes
Packaged Flexible Planar Copper Foil Fractional-Order '0.61–0.87' Capacitors: Series/Parallel Combinations	Zaid Mohammad Shah, F. A. KHANDAY and Zahoor Ahmad Jhat	Electronics and Instrumentation Technology	Journal of Electronic Materials	2023	0361-5235		<a href="https://doi.org/10.1007/s11664-022-10171-2">https://doi.org/10.1007/s11664-022-10171-2</a>	Yes
A review of bio-impedance devices	Insha Showkat, Farooq A. Khanday & M. Rafiq Beigh	Electronics and Instrumentation Technology	Medical & Biological Engineering & Computing	2023	ISSN(O): 1741-0444, ISSN(P): 0140-0118		<a href="https://doi.org/10.1007/s11517-022-02763-1">https://doi.org/10.1007/s11517-022-02763-1</a>	Yes

Double Gate 6H-Silicon Carbide Schottky Barrier FET as Dielectrically Modulated Label Free Biosensor	Shazia Rashid, Faisal Bashir, F. A. KHANDAY and M. Rafiq Beigh	Electronics and Instrumentation Technology	Silicon	2023	ISSN: 1876-990X (Print version) 1876-9918 (Online version)		<a href="https://doi.org/10.1007/s12633-022-02273-7">https://doi.org/10.1007/s12633-022-02273-7</a>	Yes
Dielectrically Modulated III-V Compound Semiconductor based Pocket doped Tunnel FET for Label Free Biosensing Applications	Shazia Rashid, Faisal Bashir, F. A. KHANDAY and M. Rafiq Beigh	Electronics and Instrumentation Technology	IEEE Transactions on NanoBioscience	2023	1536-1241		<a href="https://doi.org/10.1109/TNB.2022.3178763">https://doi.org/10.1109/TNB.2022.3178763</a>	Yes
L-Shaped Schottky Barrier MOSFET for High Performance Analog and RF Applications	Shazia Rashid, Faisal Bashir, F. A. KHANDAY and M. Rafiq Beigh	Electronics and Instrumentation Technology	Silicon	2023	1876-990X (Print version) 1876-9918 (Online version)		<a href="https://doi.org/10.1007/s12633-022-02006-w">https://doi.org/10.1007/s12633-022-02006-w</a>	Yes

Intelligent Underwater Object Detection and Image Restoration for Autonomous Underwater Vehicles	Sheezan Fayaz, Shabir A Parah, GJ Qureshi, Jaime Lloret, Javier Del Ser, Khan Muhammad	Electronics and Instrumentation Technology	IEEE Transactions on Vehicular Technology	2023	ISSN 1939-9359		<a href="https://ieeexplore.ieee.org/document/10262183">https://ieeexplore.ieee.org/document/10262183</a>	Yes
CESCAL: A joint compression-encryption scheme based on convolutional autoencoder and logistic map	Iram Sabha, Shabir A Parah, Parsa Sarosh, Malik Obaid Ul Islam	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2023	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://link.springer.com/article/10.1007/s11042-023-16698-8">https://link.springer.com/article/10.1007/s11042-023-16698-8</a>	Yes
Selective medical image encryption based on 3D Lorenz and Logistic system	Munazah Lyle, Parsa Sarosh, Shabir A Parah	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2023	Electronic ISSN 1573-7721 Print ISSN 1380-7502		<a href="https://link.springer.com/article/10.1007/s11042-023-16996-1">https://link.springer.com/article/10.1007/s11042-023-16996-1</a>	Yes
Robust Audio Watermarking Based on Iterative Filtering	Kamran I Naqash, Shahid A Malik, Shabir A Parah	Electronics and Instrumentation Technology	Circuits, Systems, and Signal Processing	2023	ISSN 1531-5878		<a href="https://link.springer.com/article/10.1007/s00034-023-02475-3">https://link.springer.com/article/10.1007/s00034-023-02475-3</a>	Yes

Reversible data hiding framework with content authentication capability for e-health	Muzamil Hussan, Shabir A Parah, GJ Qureshi	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2023	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://link.springer.com/article/10.1007/s11042-023-17019-9">https://link.springer.com/article/10.1007/s11042-023-17019-9</a>	Yes
Realization of sub-10nm Fluorinated Silicene based Spin Diode and Spin Diode Logic	Muzafar Gani, Khurshed A Shah, Shabir A Parah	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2023	Electronic ISSN 1573-7721 Print ISSN 1380-7502		<a href="https://ieeexplore.ieee.org/document/10262365">https://ieeexplore.ieee.org/document/10262365</a>	Yes
Performance analysis of fluorinated silicene based magnetic tunnel junction	Muzafar Gani, Shabir A Parah, Khurshed A Shah, Prabhakar Misra	Electronics and Instrumentation Technology	Chinese Journal of Physics	2023	ISSN 0577-9073		<a href="https://www.sciencedirect.com/science/article/abs/pii/S0577907323001302">https://www.sciencedirect.com/science/article/abs/pii/S0577907323001302</a>	Yes
ESEIABS: Energy and spectrum efficient hybrid technique for 5G and beyond networks using interference aware beam selection	Javaid A Shiekh, Ishfaq Bashir Sofi, Zahid A Bhat, Shabir A Parah	Electronics and Instrumentation Technology	ICT Express	2023	ISSN 2405-9595		<a href="https://www.sciencedirect.com/science/article/pii/S2405959523000930">https://www.sciencedirect.com/science/article/pii/S2405959523000930</a>	Yes

Asymmetric Coplanar Strip-(ACS-) fed side edge panel MIMO Antenna for IoT and 5G applications	Issmat Shah Masoodi, Javaid A. Sheikh, Zahid A. Bhat, Shazia Ashraf, Shabir A. Parah	Electronics and Instrumentation Technology	International Journal of RF and Microwave Computer-Aided Engineering	2023	Online ISSN:1099-047X		<a href="https://www.hindawi.com/journals/ijmce/2023/4814376/">https://www.hindawi.com/journals/ijmce/2023/4814376/</a>	Yes
An Iterative Filtering Based ECG Denoising Using Lifting Wavelet Transform Technique	Shahid A. Malik, Shabir A. Parah, Hanan Al Juaid, Bilal. A. Malik	Electronics and Instrumentation Technology	Electronics	2023	2079-9292		<a href="https://www.mdpi.com/2079-9292/12/2/387">https://www.mdpi.com/2079-9292/12/2/387</a>	Yes
HAIE: a hybrid adaptive image encryption algorithm using Chaos and DNA computing	Shaista Mansoor, Shabir A. Parah	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2023	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://doi.org/10.1007/s11042-023-14542-7">https://doi.org/10.1007/s11042-023-14542-7</a>	Yes
An efficient encoding based watermarking technique for tamper detection and localization	Muzamil Hussan, Solihah Gull, Shabir A. Parah	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2023	Electronic ISSN 1573-7721 Print ISSN 1380-7502		<a href="https://doi.org/10.1007/s11042-023-15039-z">https://doi.org/10.1007/s11042-023-15039-z</a>	Yes

Modeling and Simulation of High-Performance CrTe Intrinsic Half Metal-Based Spin Valve and Spin Diode	Muzafar Gani, Khurshed A Shah, Shabir A. Parah	Electronics and Instrumentation Technology	ECS Journal of Solid State Science and Technology	2023	ISSN 2162-8777		<a href="https://iopscience.iop.org/article/10.1149/2162-8777/ac5167">https://iopscience.iop.org/article/10.1149/2162-8777/ac5167</a>	Yes
Design of a Meta-surface Inspired Circularly Polarized Dual-band Compact Antenna for Bio-medical Applications	UmharaRasool, Javaid Ahmad Sheikh, Shazia Ashraf, Gh. Jeelani Qureshi	Electronics and Instrumentation Technology	Progressin Electromagnetics Research	2023	ISSN 1937-8726		<a href="https://www.researchgate.net/publication/373707927">https://www.researchgate.net/publication/373707927</a>	Yes
A deep Reinforcement Learning for energy efficient resource allocation Intelligent Reflecting Surface (IRS) driven Non-Orthogonal Multiple Access Beamforming (NOMA-BF)	SubbaAmin,JavaidA.Sheikh, Mehboob-ul-Amin,BilalA.Malik	Electronics and Instrumentation Technology	Physical Communication	2023	ISSN 1874-4907		<a href="https://www.sciencedirect.com/science/article/pii/S1874490723001519">https://www.sciencedirect.com/science/article/pii/S1874490723001519</a>	Yes

Transport properties of GaAs Co-doped H-passivated low-buckled and high-buckled zigzag silicene nanoribbon two probe devices	Asma N. Naqash, Khurshed A. Shah, Javid Ahmad Sheikh, Brijesh Kumbhani, Syed Muzaffar Ali Andrabi	Electronics and Instrumentation Technology	Nanosystems: Phys. Chem. Math	2023	2220-8054 (print), 2305-7971 (online)		<a href="https://nanojournal.ifmo.ru/en/wp-content/uploads/2023/08/NP-CM144P438-446.pdf">https://nanojournal.ifmo.ru/en/wp-content/uploads/2023/08/NP-CM144P438-446.pdf</a>	Yes
Resource Allocation in Non Orthogonal Multiple Access (NOMA) based Cognitive Radio Networks Using an Artificial Bee Colony Algorithm	Suba Amin, Javid A. Sheikh, Mehboob-ul-Amin	Electronics and Instrumentation Technology	International Journal of wireless and Mobile Computing	2023	ISSN:1741-1084.		<a href="https://www.researchgate.net/publication/318766779">https://www.researchgate.net/publication/318766779</a>	Yes
A new method of intelligent handover management in 5G Communication Networks: IHMCN	Altaf H. Balkhi, Javid A. Sheikh, G.A. Mir, Zahid A. Bhatt	Electronics and Instrumentation Technology	Journal of Communications	2023	1796-2021 (Online); 2374-4367 (Print)		<a href="https://www.researchgate.net/publication/376600556">https://www.researchgate.net/publication/376600556</a>	Yes

Comparative Analysis of rectangular framed S-shaped millimetre-wave antenna for different feeding techniques	Shazia Ashraf, Javaid A Sheikh, Ayash Ashraf, Umhara Rasool	Electronics and Instrumentation Technology	Materials Today	2023	ISSN 1369-7021		<a href="https://www.researchgate.net/publication/362815100">https://www.researchgate.net/publication/362815100</a>	Yes
"A Dynamic Weighted Averaging Technique for Trust Assessment for Cloud Computing"	Saima Mehraj, Banday, M. T.	Electronics and Instrumentation Technology	The International Journal of Cloud Applications and Computing (IJCAC)	2022	2156-1834		<a href="https://www.igi-global.com/gateway/article/297099">https://www.igi-global.com/gateway/article/297099</a>	Yes
"A Novel Animated CAPTCHA Technique Based on Persistence of Vision"	Sheikh, S. A., Banday, M. T.	Electronics and Instrumentation Technology	International Journal of Advanced Computer Science and Applications (IJACSA),	2022	2156-5570 (Online) 2158-107X (Print)		<a href="https://thesai.org/Publications/ViewPaper?Volume=13&amp;Issue=2&amp;Code=IJACSA&amp;SerialNo=42">https://thesai.org/Publications/ViewPaper?Volume=13&amp;Issue=2&amp;Code=IJACSA&amp;SerialNo=42</a>	Yes
Intelligent Load Balancing Algorithm for Internet of Things – A Review"	Safia, Malik, B. A., Banday, M. T.	Electronics and Instrumentation Technology	International Journal of Sensors, Wireless Communications and Control.	2022	2210-3279		<a href="https://www.doi.org/10.2174/2210327912666220726150049">https://www.doi.org/10.2174/2210327912666220726150049</a>	Yes

"A Field Study of Intervention through Counselling for Improving Social Participation of Leprosy Patients. Leprosy Review	Bhat L., Khan N., Vaida N., Hassan I., Banday, M. T	Electronics and Instrumentation Technology	Leprosy Review	2022	e-ISSN 2162-8807 p-ISSN 0305-7518		<a href="https://www.ingentaconnect.com/content/ben/swcc/2022/00000012/0000006/art00002">https://www.ingentaconnect.com/content/ben/swcc/2022/00000012/0000006/art00002</a>	Yes
"Assessing Independence in Activities of Leprosy Affected Persons: A Case Study"	Bhat L., Khan N., Vaida N., Hassan I., Banday, M. T	Electronics and Instrumentation Technology	Leprosy Review	2022	e-ISSN 2162-8807 p-ISSN 0305-7519		<a href="https://leprosyreview.org/article/93/4/20-22032">https://leprosyreview.org/article/93/4/20-22032</a>	Yes
1T Spiking Neuron Using Ferroelectric Junctionless FET with Ultra-Low Energy Consumption of 24 aJ/Spike	Mudasir Ahmad Khanday, Shazia Rashid and F. A. KHANDAY	Electronics and Instrumentation Technology	Neural Processing Letters	2022	1573-773X(O), 1370-4621(P)		<a href="https://doi.org/10.1007/s11063-023-11387-x">https://doi.org/10.1007/s11063-023-11387-x</a>	Yes
Single SiGe Transistor Based Energy-Efficient Leaky Integrate-and-Fire Neuron for Neuromorphic Computing	Mudasir Ahmad Khanday, F. A. KHANDAY and Faisal Bashir	Electronics and Instrumentation Technology	Neural Processing Letters	2022	1573-773X(O), 1370-4621(P),		<a href="https://doi.org/10.1007/s11063-023-11245-w">https://doi.org/10.1007/s11063-023-11245-w</a>	Yes

Design and analysis of $3 \times 3$ reversible quantum gates	Hilal A. Bhat, F. A. KHANDAY, Brajesh K. Kaushik and Khurshed A. Shah	Electronics and Instrumentation Technology	Journal of Computational Electronics	2022	ISSN(O): 1572-8137, ISSN(P)		<a href="https://doi.org/10.1007/s10825-022-01980-z">https://doi.org/10.1007/s10825-022-01980-z</a>	Yes
Design and Modelling of Silicon Quantum Dot Based Single Qubit Spin Quantum Gates	Hilal Ahmad Bhat, Gul Faroz A. Malik and F. A. KHANDAY	Electronics and Instrumentation Technology	International Journal of Theoretical Physics	2022	1572-9575		<a href="https://doi.org/10.1007/s10773-022-05239-y">https://doi.org/10.1007/s10773-022-05239-y</a>	Yes
Single Germanium MOSFET-Based Low Energy and Controllable Leaky Integrate-and-Fire Neuron for Spiking Neural Networks	Mudasir Ahmad Khanday, Faisal Bashir and F. A. KHANDAY	Electronics and Instrumentation Technology	IEEE Transactions on Electron Devices	2022	1557-9646		<a href="https://doi.org/10.1109/TED.2022.3186274">https://doi.org/10.1109/TED.2022.3186274</a>	Yes
Quantum Computing: Fundamentals, Implementations and Applications	Hilal Ahmad Bhat, F. A. KHANDAY, Brajesh K. Kaushik, Faisal Bashir and Khurshed A. Shah	Electronics and Instrumentation Technology	IEEE Open Journal of Nanotechnology	2022	2644-1292		<a href="https://doi.org/10.1109/OJNA.NO.2022.3178545">https://doi.org/10.1109/OJNA.NO.2022.3178545</a>	Yes

Dilute magnetic semiconductor electrode based all semiconductor magnetic tunnel junction for high-temperature applications	Gul Faroz Ahmad Malik, Mubashir Ahmad, F. A. KHANDAY, Khurshed A. Shah, Sparsh Mittal, Brajesh Kumar Kaushik and Faroz A Najar	Electronics and Instrumentation Technology	Physica B: Physics of Condensed Matter	2022	0921-4526		<a href="https://doi.org/10.1016/j.physb.2021.413525">https://doi.org/10.1016/j.physb.2021.413525</a>	Yes
L-Shaped High Performance Schottky Barrier FET as Dielectrically Modulated Label Free Biosensor	Shazia Rashid, Faisal Bashir, F. A. KHANDAY and M. Rafiq Beigh	Electronics and Instrumentation Technology	IEEE Transactions on NanoBioscience	2022	1536-1241		<a href="https://doi.org/10.1109/TNB.2021.3131372">https://doi.org/10.1109/TNB.2021.3131372</a>	Yes
Real-Time Medical Data Security Solution for Smart Healthcare	Parsa Sarosh, Shabir A. Parah, Bilal Malik, M. Hijji, Khan Muhammad	Electronics and Instrumentation Technology	IEEE Transactions on Industrial Informatics	2022	ISSN 1551-3203 (Print)		<a href="https://doi.org/10.1109/TII.2022.3217039">https://doi.org/10.1109/TII.2022.3217039</a>	Yes
RBWCI: Robust and Blind Watermarking Framework for Cultural Images,	Samrah Mehraj, Sabreena Mushtaq, Shabir A Parah, et al.	Electronics and Instrumentation Technology	IEEE Transactions on Consumer Electronics	2022	ISSN 0098-3063 (Print)		<a href="https://doi.org/10.1109/TCE.2022.3217974">https://doi.org/10.1109/TCE.2022.3217974</a>	Yes

SVIoT: A Secure Visual-IoT Framework for Smart Healthcare	Javaid A Kaw, Solihah Gull, Shabir A. Parah	Electronics and Instrumentation Technology	Sensors	2022	ISSN 1424-8220 (Online)		<a href="https://www.mdpi.com/1424-8220/22/5/1773">https://www.mdpi.com/1424-8220/22/5/1773</a>	Yes
IEFHAC: Image encryption framework based on hessenberg transform and chaotic theory for smart health	Aiman Jan, Shabir A Parah, Bilal A Malik	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2022	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://link.springer.com/article/10.1007/s11042-022-12653-1">https://link.springer.com/article/10.1007/s11042-022-12653-1</a>	Yes
An efficient image encryption scheme for healthcare applications	Parsa Sarosh, Shabir A Parah, G Mohiuddin Bhat	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2022	Electronic ISSN 1573-7721 Print ISSN 1380-7502		<a href="https://link.springer.com/article/10.1007/s11042-021-11812-0">https://link.springer.com/article/10.1007/s11042-021-11812-0</a>	Yes
A New Method of Isolation Enhancement of Dual Band Band-Pass Filter Using Composite Mode Co-planar Waveguide Structure for 5G and Body Centric Applications	Zahid A Bhat, Javaid A Sheikh, Sharief D Khan, Ishfaq Bashir, Shabir A Parah	Electronics and Instrumentation Technology	Iranian Journal of Science and Technology, Transactions of Electrical Engineering	2022	ISSN 2364-1827 (Online)		<a href="https://link.springer.com/article/10.1007/s40998-022-00540-2">https://link.springer.com/article/10.1007/s40998-022-00540-2</a>	Yes

Spatial Domain-based Robust Watermarking Framework for Cultural Images	Samrah Mehraj, Sabreena Mushtaq, Shabir A. Parah et al.	Electronics and Instrumentation Technology	IEEE Access	2022	ISSN 2169-3536 (Online)		<a href="https://doi.org/10.1109/ACCESS.2022.3217920">https://doi.org/10.1109/ACCESS.2022.3217920</a>	Yes
Self-embedding framework for tamper detection and restoration of color images	Muzamil Hussan, Shabir A. Parah, Aiman Jan, G. J. Qureshi	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2022	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://dl.acm.org/doi/abs/10.1007/s11042-022-12545-4">https://dl.acm.org/doi/abs/10.1007/s11042-022-12545-4</a>	Yes
Adaptive Color Image Encryption Scheme Based on Multiple Distinct Chaotic Maps and DNA Computing	Shaista Manzoor, Shabir A. Parah, Khan Muhammad.	Electronics and Instrumentation Technology	Mathematics	2022	(ISSN 2227-7390)		<a href="https://www.mdpi.com/2227-7390/10/12/2004">https://www.mdpi.com/2227-7390/10/12/2004</a>	Yes
Power line noise and baseline wander removal from ECG signals using empirical mode decomposition and lifting wavelet transform technique	Shahid A Malik, Shabir A. Parah, Bilal A Malik	Electronics and Instrumentation Technology	Health and Technology	2022	Electronic ISSN: 2190-7196. Print ISSN: 2190-7188.		<a href="https://link.springer.com/article/10.1007/s12553-022-00662-x">https://link.springer.com/article/10.1007/s12553-022-00662-x</a>	Yes

Underwater object detection: architectures and algorithms—a comprehensive review	Sheezan Fayaz, Shabir A. Parah, G. J. Qureshi	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2022	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://link.springer.com/article/10.1007/s11042-022-12502-1">https://link.springer.com/article/10.1007/s11042-022-12502-1</a>	Yes
Adaptive image encryption based on twin chaotic maps	Munazah Lyle, Parsa Sarosh, Shabir A. Parah	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2022	Electronic ISSN 1573-7721 Print ISSN 1380-7502		<a href="https://link.springer.com/article/10.1007/s11042-022-11917-0">https://link.springer.com/article/10.1007/s11042-022-11917-0</a>	Yes
An efficient image encryption scheme for healthcare applications	Parsa Sarosh, Shabir A. Parah, G. Mohiuddin Bhat	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2022	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://link.springer.com/article/10.1007/s11042-021-11812-0">https://link.springer.com/article/10.1007/s11042-021-11812-0</a>	Yes
Efficient underwater image restoration utilizing modified dark channel prior	Sheezan Fayaz, Shabir A. Parah, G. J. Qureshi	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2022	Electronic ISSN 1573-7721 Print ISSN 1380-7502		<a href="https://dl.acm.org/doi/abs/10.1007/s11042-022-13828-6">https://dl.acm.org/doi/abs/10.1007/s11042-022-13828-6</a>	Yes
Hash-based image watermarking technique for tamper detection and localization	Muzamil Hussan, Shabir A. Parah, Aiman Jan, G. J. Qureshi	Electronics and Instrumentation Technology	Health and Technology	2022	Electronic ISSN: 2190-7196. Print ISSN: 2190-7188.		<a href="https://www.researchgate.net/publication/357668531">https://www.researchgate.net/publication/357668531</a>	Yes

<p>A self-embedding technique for tamper detection and localization of medical images for smart-health</p>	<p>Solihah Gull, RF Mansour, NO Aljehane, Shabir A. Parah</p>	<p>Electronics and Instrumentation Technology</p>	<p>Multimedia Tools and Applications</p>	<p>2022</p>	<p>Electronic ISSN 1573-7721 Print ISSN 1380-7501</p>		<p><a href="https://link.springer.com/article/10.1007/s11170-021-11170-x">https://link.springer.com/article/10.1007/s11170-021-11170-x</a></p>	<p>Yes</p>
<p>Reversible Data Hiding for Electronic Patient Information Security for Telemedicine Applications</p>	<p>R. Mansour, Shabir A. Parah</p>	<p>Electronics and Instrumentation Technology</p>	<p>Arab J Sci Eng</p>	<p>2022</p>	<p>ISSN 1319-8025 (Print)</p>		<p><a href="https://doi.org/10.1007/s13369-021-05716-3">https://doi.org/10.1007/s13369-021-05716-3</a></p>	<p>Yes</p>
<p>Realization of Efficient Steganographic Scheme Using Hybrid Edge Detection and Chaos</p>	<p>Aiman Jan, Shabir Parah, Muzamil Hussan, Bilal A. Malik</p>	<p>Electronics and Instrumentation Technology</p>	<p>Arab J Sci Eng</p>	<p>2022</p>	<p>ISSN 1319-8025 (Print)</p>		<p><a href="https://doi.org/10.1007/s13369-022-06960-w">https://doi.org/10.1007/s13369-022-06960-w</a></p>	<p>Yes</p>

<p>A New Method of Isolation Enhancement of Dual Band Band-Pass Filter Using Composite Mode Co-planar Waveguide Structure for 5G and Body Centric Applications</p>	<p>Zahid A. Bhat, J. A. Sheikh, S. A. Parah et al</p>	<p>Electronics and Instrumentation Technology</p>	<p>Iran J Sci Technol Trans Electr Eng</p>	<p>2022</p>	<p>ISSN 2364-1827 (Online)</p>		<p><a href="https://doi.org/10.1007/s40998-022-00540-3">https://doi.org/10.1007/s40998-022-00540-3</a></p>	<p>Yes</p>
<p>Design of a Compact Hybrid Moore's Fractal Inspired Wearable Antenna for IoT Enabled Bio-Telemetry in Diagnostic Health Monitoring System</p>	<p>U.R. Khan, J. A.Sheikh, A.Junaid, R. Amin, S. Ashraf and S. Ahmed</p>	<p>Electronics and Instrumentation Technology</p>	<p>IEEEAccess</p>	<p>2022</p>	<p>ISSN 2169-3536 (Online)</p>		<p><a href="https://www.researchgate.net/publication/365137576">https://www.researchgate.net/publication/365137576</a></p>	<p>Yes</p>

<p>A Survey on Substrate Integrated Waveguide Filters; Design Challenges and Miniaturizing Techniques for the 5G and beyond Applications</p>	<p>Zahid A. Bhat a, Javaid A. Sheikh, Raqeeb ur Rehman, Sharief D. Khan, Ishfaq Bashir a ShaziaAshraf</p>	<p>Electronics and Instrumentation Technology</p>	<p>International Journal of High Speed ElectronicsandSystems</p>	<p>2022</p>	<p>0129-1564</p>		<p><a href="https://www.worldscientific.com/doi/10.1142/S0129156421400061">https://www.worldscientific.com/doi/10.1142/S0129156421400061</a></p>	<p>Yes</p>
<p>A low-Profile High Gain USlotted Wide Band Microstrip Antenna for 5G Applications</p>	<p>Shazia Ashraf, Javaid A. Sheikh, UmharaRasool, Zahid A. Bhat</p>	<p>Electronics and Instrumentation Technology</p>	<p>International Journal of Electronics</p>	<p>2022</p>	<p>2578-7551, 2578-7543</p>		<p><a href="https://doi.org/10.1080/00207217.2022.2140838">https://doi.org/10.1080/00207217.2022.2140838</a></p>	<p>Yes</p>
<p>A new method of hybrid optimization of small cell range development and density for energy efficient ultra-dense networks</p>	<p>Sumina Sidiq,Javaid Ahmad Sheikh,MustafaF,MalikBA</p>	<p>Electronics and Instrumentation Technology</p>	<p>Transactionson Emerging Telecommunication Technologies</p>	<p>2022</p>	<p>ISSN 2161-3915 (Online)</p>		<p><a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/ett.4476">https://onlinelibrary.wiley.com/doi/abs/10.1002/ett.4476</a></p>	<p>Yes</p>

<p>A high gain multi slotted and compact planar micro-strip milli metre wave antenna for 5G networks</p>	<p>Shazia Ashraf,JavaidAhmadSheikh,Zahid Ahmad Bhat</p>	<p>Electronics and Instrumentation Technology</p>	<p>ProgressinElectromagneticsResearch</p>	<p>2022</p>	<p>ISSN 1937-8726 (Online)</p>		<p><a href="https://www.researchgate.net/publication/358789376">https://www.researchgate.net/publication/358789376</a></p>	<p>Yes</p>
<p>New Genetic Algorithm bio-inspired based impartial evaluation of UFMCM and GFDM under diverse Window Constraints</p>	<p>SuminaSidiq, Javaid Ahmad Sheikh, Farhana Mustafa</p>	<p>Electronics and Instrumentation Technology</p>	<p>ArabJSciEng</p>	<p>2022</p>			<p><a href="https://doi.org/10.1007/s13369-022-06682-zin">https://doi.org/10.1007/s13369-022-06682-zin</a></p>	<p>Yes</p>
<p>Minimization of Hand over Decisions with Quality of Service using Fuzzy Logic Prediction Model</p>	<p>Altaf A. Balkhi, Javaid A. Sheikh, Ishfaq B. Sofi, Zahid A. Bhat</p>	<p>Electronics and Instrumentation Technology</p>	<p>JournalofCommunications</p>	<p>2022</p>	<p>1796-2021 (Online); 2374-4367 (Print)</p>		<p><a href="https://www.researchgate.net/publication/368694263">https://www.researchgate.net/publication/368694263</a></p>	<p>Yes</p>
<p>New Hybrid Architecture for Energy Efficient and LowComplex Massive MIMO System</p>	<p>Sheikh, J.A., Mustafa, F. &amp;Sidiq, S</p>	<p>Electronics and Instrumentation Technology</p>	<p>Arab J SciEng</p>	<p>2022</p>	<p>ISSN 1319-8025 (Print)</p>		<p><a href="https://www.researchgate.net/publication/354102550">https://www.researchgate.net/publication/354102550</a></p>	<p>Yes</p>

A High Gain Inverse Concentric Yagi Director Antenna for 5G Millimeter-wave and Satellite Communication	RaqeeburRehman, Javaid A. Sheikh, Khurshed A. Shah, Ghulam M. Bhat	Electronics and Instrumentation Technology	Progress in Electromagnetics Research	2022	ISSN 1937-8726 (Online)		<a href="https://www.researchgate.net/publication/351535084">https://www.researchgate.net/publication/351535084</a>	Yes
Multi-Recipient E-mail Messages: Privacy Issues and Possible Solutions"	Sheikh, S. A., Banday, M. T	Electronics and Instrumentation Technology	Advances in Electrical and Computer Engineering,	2021	1582-7445, e-ISSN: 1844-7600		<a href="https://aece.ro/abstractplus.php?year=2021&amp;number=4&amp;article=13">https://aece.ro/abstractplus.php?year=2021&amp;number=4&amp;article=13</a>	Yes
"Study of various Passive Copy-Move Image Forgery Detection Methods"	Shah T. J, Banday, M. T.	Electronics and Instrumentation Technology	Design Engineering (Toronto)	2021			<a href="https://www.researchgate.net/publication/355077981_Study_of_various_Passive_Copy-Move_Image_Forgery_Detection_Methods">https://www.researchgate.net/publication/355077981_Study_of_various_Passive_Copy-Move_Image_Forgery_Detection_Methods</a>	Yes
"A Cryptocurrency-based E-mail System for SPAM Control\	Sheikh, S. A., Banday, M. T	Electronics and Instrumentation Technology	International Journal of Advanced Computer Science and Applications (IJACSA)	2021	2156-1834		<a href="https://www.doi.org/10.14569/IJACSA.2021.0120139">https://www.doi.org/10.14569/IJACSA.2021.0120139.</a>	Yes

<p>A Flexible Fine-Grained Dynamic Access Control Approach for Cloud Computing Environment”</p>	<p>Mehraj, S., Banday, M.T.</p>	<p>Electronics and Instrumentation Technology</p>	<p>Cluster Computer</p>	<p>2021</p>	<p>1386-7857</p>		<p><a href="https://www.doi.org/10.1007/s10586-020-03196-x">https://www.doi.org/10.1007/s10586-020-03196-x</a></p>	<p>Yes</p>
<p>Enhanced K-means Clustering Technique based Copy-Move Forgery Detection”</p>	<p>Shah T. J, Banday, M. T.</p>	<p>Electronics and Instrumentation Technology</p>	<p>Turkish Journal of Computer and Mathematics Education,</p>	<p>2021</p>	<p>13094653</p>		<p><a href="https://www.proquest.com/openview/3da7e5d590079e3b095d17c8634e756b/1?pq-origsite=gscholar&amp;cbl=2045096#:~:text=The%20D%20discrete%20cosine%20transform,the%20overall%20forgery%20detection%20time.">https://www.proquest.com/openview/3da7e5d590079e3b095d17c8634e756b/1?pq-origsite=gscholar&amp;cbl=2045096#:~:text=The%20D%20discrete%20cosine%20transform,the%20overall%20forgery%20detection%20time.</a></p>	<p>Yes</p>
<p>Passive Copy-Move Image Forgery Detection Techniques: A Study”</p>	<p>Shah, T.J., Banday, M.T.</p>	<p>Electronics and Instrumentation Technology</p>	<p>Solid State Technology</p>	<p>2021</p>	<p>0038-111X</p>		<p><a href="https://solidstatetechnology.us/index.php/JSS T/article/view/9943">https://solidstatetechnology.us/index.php/JSS T/article/view/9943</a></p>	<p>Yes</p>

Silicene-Based Spin Filter with High Spin-Polarization	Mubashir Ahmad, Gul Faroz Ahmad Malik, F. A. KHANDAY and Sparsh Mittal	Electronics and Instrumentation Technology	IEEE Transactions on Electron Devices	2021	1557-9646		<a href="https://doi.org/10.1109/TED.2021.3106279">https://doi.org/10.1109/TED.2021.3106279</a>	Yes
Modelling of On-Chip Biosensor for the in vivo Diagnosis of Hypertension in Wireless Body Area Networks	Shagun Gupta, Vipran Kakkar, Suhaib Ahmed, F. A. KHANDAY, Sparsh Sharma, Saurabh Singh and Byungun Yoon	Electronics and Instrumentation Technology	IEEE ACCESS	2021	2169-3536 (Print version), 2169-3536 (Online version)		<a href="https://doi.org/10.1109/ACCESS.2021.3094227">https://doi.org/10.1109/ACCESS.2021.3094227</a>	Yes
2-D Design of Double Gate Schottky Tunnel MOSFET for High-Performance Use in Analog/RF Applications	Shazia Rashid, Faisal Bashir, F. A. KHANDAY, M. Rafiq Beigh and Fawnizu Azmadi Hussin	Electronics and Instrumentation Technology	IEEE ACCESS	2021	2169-3536 (Print version), 2169-3536 (Online version)		<a href="https://doi.org/10.1109/ACCESS.2021.3083929">https://doi.org/10.1109/ACCESS.2021.3083929</a>	Yes
Dielectrically Modulated Label Free Metal Controlled Organic Thin Film Transistor for Biosensing Applications	Shazia Rashid, Faisal Bashir and F. A. KHANDAY,	Electronics and Instrumentation Technology	IEEE Sensor Journal	2021	1558-1748		<a href="https://doi.org/10.1109/JSEN.2021.3084040">https://doi.org/10.1109/JSEN.2021.3084040</a>	Yes

Silicene/MoS <sub>2</sub> Hetero-junction for High Performance Photodetector	Mubashir Ahmad, Gul Faroz Ahmad Malik, F. A. KHANDAY and Khurshed A. Shah	Electronics and Instrumentation Technology	IEEE Transactions on Electron Devices	2021	1557-9646		<a href="https://doi.org/10.1109/TED.2020.3037285">https://doi.org/10.1109/TED.2020.3037285</a>	Yes
A survey of SRAM-based in-memory computing techniques and applications	Sparsh Mittal, Gaurav Verma, Brajesh Kaushik and F. A. KHANDAY	Electronics and Instrumentation Technology	Journal of Systems Architecture	2021	1383-7621		<a href="https://doi.org/10.1016/j.sysarc.2021.102276">https://doi.org/10.1016/j.sysarc.2021.102276</a>	Yes
Ternary Arithmetic Logic Unit Design Utilizing Carbon Nanotube Field Effect Transistor (CNTFET) and Resistive Random Access Memory (RRAM)	Furqan Zahoor, Fawnizu Hussin, F. A. KHANDAY, Mohamad Radzi Ahmad and Illani Mohd Nawi	Electronics and Instrumentation Technology	Macromachines	2021	2072-666X		<a href="https://doi.org/10.3390/mi12111288">https://doi.org/10.3390/mi12111288</a>	Yes
Modeling and Simulation of Carbon Nanotube Amino-Acid Sensor- A First Principle Study	Mohammad Shunaid Parvez, Khurshed Shah, Hussein Alrobel, Ghulam Nabi Dar, F. A. KHANDAY, Muzaffar Ali Andrabi, and Rabia Hamid	Electronics and Instrumentation Technology	Computational and Theoretical Chemistry	2021	2210-271X		<a href="https://doi.org/10.1016/j.comptc.2021.113402">https://doi.org/10.1016/j.comptc.2021.113402</a>	Yes

<p>A Survey on Application of WirelessHART for Industrial Process Monitoring and Control</p>	<p>Arun Mozhi Devan Panneer Selvam, Fawnizu Azmadi Hussin *, Rosdiazli Ibrahim, Kishore Bingi and F. A. KHANDAY</p>	<p>Electronics and Instrumentation Technology</p>	<p>Sensors</p>	<p>2021</p>	<p>1424-8220</p>		<p><a href="https://doi.org/10.3390/s21154951">https://doi.org/10.3390/s21154951</a></p>	<p>Yes</p>
<p>First Principle Study of Fluorine Functionalized Germanene based Two Probe Device</p>	<p>Mubashir Ahmad, Gul Faroz Ahmad Malik, F. A. KHANDAY, Khurshed A. Shah and Sparsh Mittal</p>	<p>Electronics and Instrumentation Technology</p>	<p>Physica B: Physics of Condensed Matter</p>	<p>2021</p>	<p>0921-4526</p>		<p><a href="https://doi.org/10.1016/j.physb.2021.413249">https://doi.org/10.1016/j.physb.2021.413249</a></p>	<p>Yes</p>
<p>Carbon nanotube field effect transistor (CNTFET) operational transconductance amplifier (OTA) based design of high frequency memristor emulator</p>	<p>Tabasum Khurshid, Syed Fatima, F. A. KHANDAY, Faisal Bashir, Furqan Zahoor and Fawnizu Hussin</p>	<p>Electronics and Instrumentation Technology</p>	<p>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</p>	<p>2021</p>	<p>1099-1204</p>		<p><a href="https://doi.org/10.1002/jnm.2827">https://doi.org/10.1002/jnm.2827</a></p>	<p>Yes</p>

Carbon Nanotube Field Effect Transistor (CNTFET) and Resistive Random Access Memory (RRAM) Based Ternary Combinational Logic Circuits	Furqan Zahoor, Fawnizu Hussin, F. A. KHANDAY, Mohamad Radzi Ahmad, Illani Mohd Nawawi, Chia Yee Ooi and Fakhrul Zaman Rokhani	Electronics and Instrumentation Technology	Electronics	2021	2079-9292		<a href="https://doi.org/10.3390/electronics10010079">https://doi.org/10.3390/electronics10010079</a>	Yes
Performance analysis of functionalized silicene nanoribbon-based photodetector	Mubashir Ahmad, Gul Faroz Ahmad Malik, Khurshed A. Shah and F. A. KHANDAY	Electronics and Instrumentation Technology	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2021	1099-1204		<a href="https://doi.org/10.1002/jnm.2809">https://doi.org/10.1002/jnm.2809</a>	Yes
Analysis of Disordered Dynamics in Polymer Nanocomposite Dielectrics for the Realization of Fractional-Order Capacitor	Zaid Mohammad Shah and F. A. KHANDAY	Electronics and Instrumentation Technology	IEEE transactions on dielectrics and Electrical Insulation	2021	1070-9878		<a href="https://doi.org/10.1109/TDEI.2020.008943">https://doi.org/10.1109/TDEI.2020.008943</a>	Yes

INDFORG: Industrial Forgery Detection using Automatic Rotation Angle Detection and Correction	N. Hurrah, Shabir A. Parah, N. A. Loan, J A. Sheikh.	Electronics and Instrumentation Technology	IEEE Transactions on Industrial Informatics	2021	ISSN 1551-3203 (Print)		<a href="https://ieeexplore.ieee.org/document/9189812">https://ieeexplore.ieee.org/document/9189812</a>	Yes
Efficient Security and Authentication for Edge-based Internet of Medical Things	Shabir A. Parah, J.A. Kaw, Nazir A. Loan, P. Bellavista, G. M. Bhat, and K. Muhammad	Electronics and Instrumentation Technology	IEEE Internet of Things Journal	2021	ISSN 2327-4662 (Online)		<a href="https://ieeexplore.ieee.org/document/9259038">https://ieeexplore.ieee.org/document/9259038</a>	Yes
Secret Sharing-based Personal Health Records Management for the Internet of Health Things	Parsa Sarosh, Shabir A. Parah, G. Mohiuddin Bhat, Khan Muhammad	Electronics and Instrumentation Technology	Sustainable Cities and Society	2021	ISSN 2210-6707		<a href="https://doi.org/10.1016/j.scs.2021.103129">https://doi.org/10.1016/j.scs.2021.103129</a>	Yes
Secure data transmission in IoTs based on CLOg edge detection	Aiman Jan, Shabir A. Parah, Bilal A. Malik, Mamoon Rashid	Electronics and Instrumentation Technology	Future Generation Computer Systems	2021	ISSN 0167-739X		<a href="https://www.sciencedirect.com/science/article/abs/pii/S0167739X21000856">https://www.sciencedirect.com/science/article/abs/pii/S0167739X21000856</a>	Yes

A Security Management Framework for Big Data in Smart Healthcare	Parsa Sarosh, Shabir A. Parah, G. Mohiuddin Bhat, Khan Muhammad	Electronics and Instrumentation Technology	Big Data Research	2021	ISSN 2214-5796		<a href="https://www.sciencedirect.com/science/article/pii/S2214579621000423">https://www.sciencedirect.com/science/article/pii/S2214579621000423</a>	Yes
Secure Patient Data Transfer Using Information Embedding and Hyperchaos	H. Aljuaid, &Shabir A. Parah	Electronics and Instrumentation Technology	Sensors	2021	ISSN 1424-8220 (Online)		<a href="https://pubmed.ncbi.nlm.nih.gov/33406623/">https://pubmed.ncbi.nlm.nih.gov/33406623/</a>	Yes
SE-MD: a single-encoder multiple-decoder deep network for point cloud reconstruction from 2D images	M. Hafiz, R. Alam Bhat, Shabir A. Parah	Electronics and Instrumentation Technology	Pattern analysis and Applications	2021	ISSN 1433-755X (Online)		<a href="https://doi.org/10.1007/s10044-023-01155-x">https://doi.org/10.1007/s10044-023-01155-x</a>	Yes
Embedding in medical images with contrast enhancement and tamper detection capability	Shifa Showkat, Shabir A. Parah, Solihah Gull	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2021	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://link.springer.com/article/10.1007/s11042-020-09732-6">https://link.springer.com/article/10.1007/s11042-020-09732-6</a>	Yes

Utilization of secret sharing technology for secure communication: a state-of-the-art review	Parsa Sarosh, Shabir A. Parah and G. Mohiuddin Bhat,	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2021	Electronic ISSN 1573-7721 Print ISSN 1380-7502	<a href="https://link.springer.com/article/10.1007/s11042-020-09723-7">https://link.springer.com/article/10.1007/s11042-020-09723-7</a>	Yes
Realization of a sub-10nm Silicene Magnetic Tunnel Junction and its Application for Magnetic Random-Access Memory and Digital logic	M. Gani, K. A. Shah and Shabir A. Parah	Electronics and Instrumentation Technology	IEEE Transactions on Nanotechnology	2021	ISSN 1941-0085 (Online)	<a href="https://ieeexplore.ieee.org/document/9435060">https://ieeexplore.ieee.org/document/9435060</a>	Yes
Underwater image restoration: A state-of-the-art review	S. Fayaz, Shabir A. Parah, G. J. Qureshi, V. Kumar	Electronics and Instrumentation Technology	IET Image Processing	2021	ISSN 1350-245X	<a href="https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/ipr2.12041">https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/ipr2.12041</a>	Yes
Tamper Detection and Self-Recovery of Medical Imagery for Smart Health	M. Hussain, Shabir A. Parah, S. Gull	Electronics and Instrumentation Technology	Arab J Sci Eng	2021	ISSN 1319-8025 (Print)	<a href="https://link.springer.com/article/10.1007/s13369-020-05135-9">https://link.springer.com/article/10.1007/s13369-020-05135-9</a>	Yes

DWFCAT: Dual Watermarking Framework for Industrial Image Authentication and Tamper Localization	A. Kamili, N. N. Hurrah, Shabir A. Parah, G. M. Bhat and K. Muhammad	Electronics and Instrumentation Technology	IEEE Transactions on Industrial Informatics	2021	ISSN 1551-3203 (Print)		<a href="https://ieeexplore.ieee.org/document/9214433">https://ieeexplore.ieee.org/document/9214433</a>	Yes
A New Optimization Technique in Massive MIMO and LSAS using Hybrid Architecture and Channel Estimation Algorithm for 5G Networks	J. A. Sheikh, F. Mustafa, S. Sidiq, Shabir A. Parah et al	Electronics and Instrumentation Technology	Wireless Pers Commun	2021	ISSN 1572-834X (Online)		<a href="https://link.springer.com/article/10.1007/s11277-021-08489-x">https://link.springer.com/article/10.1007/s11277-021-08489-x</a>	Yes
Reinforcement learning applied to machine vision: state of the art	A. M. Hafiz, Shabir A. Parah, R. A. Bhat	Electronics and Instrumentation Technology	International Journal of Multimedia Information Retrieval volume	2021	Electronic ISSN: 2192-662X. Print ISSN: 2192-6611		<a href="https://link.springer.com/article/10.1007/s13735-021-00209-2">https://link.springer.com/article/10.1007/s13735-021-00209-2</a>	Yes

<p>A Compact and Reconfigurable Dual-mode Configuration Substrate Integrated Waveguide Dual-band Bandpass Filter for 5G and Millimeter-wave Communications</p>	<p>Zahid A. Bhat, Javaid A.Sheikh, Sharief D. Khan, Ishfaq Bashir, and RaqeeburRehman</p>	<p>Electronics and Instrumentation Technology</p>	<p>Progress in ElectromagneticsResearchLetters</p>	<p>2021</p>	<p>(E-ISSN: 1559-8985)</p>		<p><a href="https://www.researchgate.net/publication/353672765">https://www.researchgate.net/publication/353672765</a></p>	<p>Yes</p>
<p>Metamaterial inspired wideband on-body antenna design for biomedical Applications</p>	<p>UmharaRasoolKhan,Javaid A.Sheikh,ShahidBashir,SuhaibAhmed</p>	<p>Electronics and Instrumentation Technology</p>	<p>MaterialsToday</p>	<p>2021</p>	<p>ISSN 1369-7021</p>		<p><a href="https://doi.org/10.1016/j.matpr.2021.05.602">https://doi.org/10.1016/j.matpr.2021.05.602</a></p>	<p>Yes</p>
<p>A New Optimization technique in MassiveMIMO and LSAS Using hybrid architecture and Channel Estimation algorithm for 5G Networks</p>	<p>Javaid A. Sheikh, Farhana Mustafa, SuminaSidiq</p>	<p>Electronics and Instrumentation Technology</p>	<p>WirelessPersonalCommunications</p>	<p>2021</p>	<p>ISSN 1572-834X (Online)</p>		<p><a href="https://doi.org/10.1007/s11277-021-08489">https://doi.org/10.1007/s11277-021-08489</a></p>	<p>Yes</p>

<p>A New Bio-Inspired Method of PAPRR eduction in Filter Bank Multi-Carrier Modulation (FBMC) System</p>	<p>Javaid Ahmad Sheikh, Zaffer Iqbal, Mehboob-ul-Amin, and G. Mohiuddin Bhat</p>	<p>Electronics and Instrumentation Technology</p>	<p>JournalofEngineeringScience&amp;Technology</p>	<p>2021</p>	<p>ISSN 2278-0181 (Online)</p>		<p><a href="https://www.researchgate.net/publication/359079079">https://www.researchgate.net/publication/359079079</a></p>	<p>Yes</p>
<p>A New Method of Dual-Hop Energy Harvesting and Efficient Power Allocation in IoT Networks Using a Bio-Inspired Based Power Distribution Scheme</p>	<p>JavaidA.Sheikh,FarhanaMustafa,Su minaSidiq</p>	<p>Electronics and Instrumentation Technology</p>	<p>Journalof Communications</p>	<p>2021</p>	<p>ISSN: 1796-2021 (Online); 2374-4367 (Print)</p>		<p><a href="https://www.researchgate.net/publication/361949938">https://www.researchgate.net/publication/361949938</a></p>	<p>Yes</p>
<p>PAPR Minimization of FBMC/OQAM Scheme by Hybrid SLM and PTS using Artificial – Bee -Colony Phase – Optimization</p>	<p>Javaid A. Sheikh, SuminaSidiq, Farhana Mustafa, Bilal AhmadMalik</p>	<p>Electronics and Instrumentation Technology</p>	<p>Arabian Journal of Science and Engineering</p>	<p>2021</p>	<p>ISSN 1319-8025 (Print)</p>		<p><a href="https://doi.org/10.1007/s13369-021-05625-4">https://doi.org/10.1007/s13369-021-05625-4</a></p>	<p>Yes</p>

Compact and Novel Coupled Line Microstrip Bandpass Filter based on Stepped Impedance Resonators for Millimeter-wave Communication	Zahid A. Bhat, Javaid A. Sheikh, Sharief D.Khan,RaqeeburRehman,ShaziaAshraf	Electronics and Instrumentation Technology	Frequenz,Journal,DeGruyter	2021	ISSN: 2191-6349		<a href="https://doi.org/10.1515/freq-2020-0156">https://doi.org/10.1515/freq-2020-0156</a>	Yes
Accessing Anticipated Stigma Among Leprosy Affected Persons and its Reduction through Counselling: A Case Study”	Bhat L., Khan N., Vaida N,, Hassan I., Banday, M. T.	Electronics and Instrumentation Technology	Indian Journal of Leprosy	2020	0254-9395		<a href="https://www.ijl.org.in/published-articles/03012022141520/2-L_Bhat_et_al_(241-254).pdf">https://www.ijl.org.in/published-articles/03012022141520/2-L_Bhat_et_al_(241-254).pdf</a>	Yes
“Participation Restriction in Leprosy Patients - A Case Study”	Bhat L., Khan N., Vaida N,, Hassan I., Banday, M. T	Electronics and Instrumentation Technology	International Research Journal of Social Sciences (IRJSS), 10(3), 1-4.	2020	2319 - 3565		<a href="https://www.isca.in/IJSS/Archive/v10/i4/3.ISCA-IRJSS-2021-014.php">https://www.isca.in/IJSS/Archive/v10/i4/3.ISCA-IRJSS-2021-014.php</a>	Yes

Architectural Standards for Internet of Things: From Research to Industrial Adaption”	Syed Suhail A. Simnani, Sameena Shah and M. Tariq Banday	Electronics and Instrumentation Technology	International Journal of Forensic Engineering	2020	1744-9952		<a href="https://www.doi.org/10.1504/IJFE.2019.106656">https://www.doi.org/10.1504/IJFE.2019.106656</a>	Yes
"Role of Dehabilitation on the Health of Leprosy Patients in Terms of Anxiety and Depression – A Case Study."	Bhat L., Khan N., Vaida N., Hassan I., Banday, M. T	Electronics and Instrumentation Technology	Indian Journal of Leprosy	2020	0254-9395		<a href="https://www.ijl.org.in/article-detail/92/344">https://www.ijl.org.in/article-detail/92/344</a>	Yes
Review—Silicene: From Material to Device Applications	Mubashir Ahmad, Gul Faroz Ahmad Malik, F. A. KHANDAY and Khurshed A. Shah	Electronics and Instrumentation Technology	ECS Journal of Solid State Science and Technology	2020	2162-8777 (O), 2162-8769 (P)		<a href="https://doi.org/10.1149/2162-8777/abd09a">https://doi.org/10.1149/2162-8777/abd09a</a>	Yes

Resistive Random Access Memory (RRAM) based Unbalanced Ternary Inverter	Furqan Zahoor, Fawnizu Azmadi Hussin, Tun Zainal Azni Zulkifli, F. A. KHANDAY, Usman Bature Isyaku And Aabid Amin Fida	Electronics and Instrumentation Technology	Solid State Technology	2020	0038-111X		<a href="https://doi.org/10.1109/TED.2019.2942396">https://doi.org/10.1109/TED.2019.2942396</a>	Yes
Spin Field Effect Transistors and their Applications: A Survey	Gul Faroz Ahmad Malik, Mubashir Ahmad Kharadi, F. A. KHANDAY and Nusrat Parveen,	Electronics and Instrumentation Technology	Microelectronics Journal	2020	0026-2692		<a href="https://doi.org/10.1016/j.mejo.2020.104924">https://doi.org/10.1016/j.mejo.2020.104924</a>	Yes
Electrical doping in single walled carbon nanotube systems: A new technique	M. Shunaid Parvaiz, Khurshed A. Shah, G. N. Dar and F. A. KHANDAY	Electronics and Instrumentation Technology	Computational Condensed Matter	2020	2352-2143		<a href="https://doi.org/10.1016/j.cocom.2020.e00507">https://doi.org/10.1016/j.cocom.2020.e00507</a>	Yes
Quasi analytical model based performance analysis of dual material gate stack strained GAA FinFET	Aadil Tahir Shora and F. A. KHANDAY	Electronics and Instrumentation Technology	International Journal of Electronics Letters	2020	0020-7217 (Print), ISSN: 1362-3060 (Online),		<a href="https://doi.org/10.1080/21681724.2019.1600729">https://doi.org/10.1080/21681724.2019.1600729</a>	Yes

Modelling for Triple Gate Spin-FET and Design of Triple Gate Spin-FET-Based Binary Adder	Gul Faroz Ahmad Malik, Mubashir Ahmad, Nusrat Parveen and F. A. KHANDAY,	Electronics and Instrumentation Technology	IET Circuits Devices and Systems	2020	1751-8598(O) 1751-858X(P),		<a href="https://doi.org/10.1049/iet-cds.2019.0329">https://doi.org/10.1049/iet-cds.2019.0329</a>	Yes
Implementation of Efficient Magnetic Tunnel Junction (MTJ) based Stochastic Neural Network with Application to Iris Data Classification	Arshid Nisar, F. A. KHANDAY and Brajesh K. Kaushik	Electronics and Instrumentation Technology	IOP-Nanotechnology	2020	0957-4484 (Print version) 1361-6528 (Online version)		<a href="https://doi.org/10.1088/1361-6528/abadc4">https://doi.org/10.1088/1361-6528/abadc4</a>	Yes
Hydrogenated Silicene based Magnetic Junction with Improved Tunneling Magnetoresistance and Spin-Filtering Efficiency	Mubashir Ahmad, Gul Faroz Ahmad Malik, F. A. KHANDAY and Khurshed A. Shah	Electronics and Instrumentation Technology	Physics Letters A	2020	1556-276X		<a href="https://doi.org/10.1016/j.physleta.2020.126826">https://doi.org/10.1016/j.physleta.2020.126826</a>	Yes
Negative Differential Resistance in Gate All Around spin Field Effect Transistor	Gul Faroz Ahmad Malik, Mubashir Ahmad, F. A. KHANDAY, Khurshed A. Shah and Nusrat Parveen	Electronics and Instrumentation Technology	NANOSYSTEMS: PHYSICS, CHEMISTRY, MATHEMATICS	2020	2220-8054 (Print version) 2305-7971 (Online version)		<a href="https://doi.org/10.17586/2220-8054-2020-11-3-301-306">https://doi.org/10.17586/2220-8054-2020-11-3-301-306</a>	Yes

Impact of Pocket doping on the performance of planar SOI Junctionless Transistor	Faisal Bashir, Asim Majeed, F. A. KHANDAY and M. T. Banday	Electronics and Instrumentation Technology	Silicon	2020	1876-990X (Print version) 1876-9918 (Online version),		<a href="https://doi.org/10.1007/s12633-020-00568-1">https://doi.org/10.1007/s12633-020-00568-1</a>	Yes
Ultra-low-voltage integrable electronic implementation of delayed inertial neural networks for complex dynamical behavior using multiple activation functions	F. A. KHANDAY, Nasir Ali Kant, Mohamad Rafiq Dar and Costas Psychalinos	Electronics and Instrumentation Technology	Neural Computing & Applications	2020	0941-0643 (Print) 1433-3058 (Online),		<a href="https://doi.org/10.1007/s00521-019-04322-6">https://doi.org/10.1007/s00521-019-04322-6</a>	Yes
Carbon Nanotube and Resistive Random Access Memory Based Unbalanced Ternary Logic Gates and Basic Arithmetic Circuits	Furqan Zahoor, Tun Zainal Azni Bin Zulkifli, F. A. KHANDAY and SohifulAnuarZainol Murad	Electronics and Instrumentation Technology	IEEE ACCESS	2020	2169-3536 (Print version ), 2169-3536 (Online version)		<a href="https://doi.org/10.1109/ACCESS.2020.2997809">https://doi.org/10.1109/ACCESS.2020.2997809</a>	Yes

Performance Analysis of Indium Phosphide Channel based Sub-10 nm Double Gate Spin Field Effect Transistor	Gul Faroz Ahmad Malik, Mubashir Ahmad, F. A. KHANDAY and Khurshed A. Shah	Electronics and Instrumentation Technology	Physics Letters	2020	1556-276X		<a href="https://doi.org/10.1016/j.physleta.2020.126498">https://doi.org/10.1016/j.physleta.2020.126498</a>	Yes
Resistive Random Access Memory (RRAM): An Overview of Materials, Switching Mechanism, Performance, Multilevel Cell (MLC) Storage and Modeling	Furqan Zahoor, Tun Zainal Azni Bin Zulkifli and F. A. KHANDAY	Electronics and Instrumentation Technology	Nanoscale Research Letters	2020	1556-276X		<a href="https://doi.org/10.1186/s11671-020-03299-9">https://doi.org/10.1186/s11671-020-03299-9</a>	Yes
Reversible Stochastic Computing	F. A. KHANDAY and Romisa Akhtar	Electronics and Instrumentation Technology	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2020	1099-1204		<a href="https://doi.org/10.1002/jnm.2711">https://doi.org/10.1002/jnm.2711</a>	Yes

Reversible data hiding exploiting Huffman encoding with dual images for IoMT based healthcare	Solihah Gull, Shabir A. Parah, Khan Muhammad	Electronics and Instrumentation Technology	Computer Communications	2020	ISSN 0140-3664		<a href="https://www.sciencedirect.com/science/article/abs/pii/S0140366420319101">https://www.sciencedirect.com/science/article/abs/pii/S0140366420319101</a>	Yes
Secure patient data transmission on resource constrained platform	Ifrah Afzal, Shabir A. Parah, Nasir Hurrah, O.Y. Song	Electronics and Instrumentation Technology	Multimedia Tools and Applications,	2020	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://link.springer.com/article/10.1007/s11042-020-09139-3">https://link.springer.com/article/10.1007/s11042-020-09139-3</a>	Yes
Efficient image encryption scheme based on generalized logistic map for real time image processing	Asif A. Shah, Shabir A. Parah, Mamoon Rashid & Mohamed Elhoseny	Electronics and Instrumentation Technology	Journal of Real-Time Image Processing Springer	2020	ISSN : 1861-8219.		<a href="https://www.researchgate.net/publication/343511383">https://www.researchgate.net/publication/343511383</a>	Yes
Room temperature high Giant Magnetoresistance graphene-based spin valve and its application for realization of logic gates	M. Gani, KA. Shah, Shabir A. Parah, P. Misra	Electronics and Instrumentation Technology	Physics Letters A	2020	ISSN 0375-9601		<a href="https://www.sciencedirect.com/science/article/abs/pii/S0375960119311053">https://www.sciencedirect.com/science/article/abs/pii/S0375960119311053</a>	Yes

Embedding information reversibly in medical images for e-health	Kamili, Asraa, Fatima, Izata, Muzamil Hassan, Shabir A. Parah, Vijaya Kumar, L. S. Ambati	Electronics and Instrumentation Technology	Journal of Intelligent & Fuzzy Systems	2020	ISSN 1875-8967 (Online)		<a href="https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs189157">https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs189157</a>	Yes
A New Filter Bank Multicarrier (FBMC) Based Cognitive Radio for 5G Networks Using Optimization Techniques	Javaid A Sheikh, Z. I. Mir, Shabir A Parah, G. M Bhat	Electronics and Instrumentation Technology	Wireless Personnel Communication	2020	ISSN 1572-834X (Online)		<a href="https://link.springer.com/article/10.1007/s11277-020-07101-y">https://link.springer.com/article/10.1007/s11277-020-07101-y</a>	Yes
Device and Circuit Level Performance Assessment of n- and p-type Dopingless MOSFETs	Faisal Bashir, Asim M. Murshid, Banday, M.T	Electronics and Instrumentation Technology	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2019	1099-1204		<a href="https://doi.org/10.1002/jnm.2525">https://doi.org/10.1002/jnm.2525</a>	Yes

“Design and Implementation of Cryptographic Element-Multiplexer with Low Power Dissipation in Quantum Dot Cellular Automata”	M. Tariq Banday, S. Umira R. Qadri, Z. A. Bangi, G. Mohiuddin Bhat	Electronics and Instrumentation Technology	Nanomaterials and Energy, vol. 8.	2019	2045-984X		<a href="https://www.icvirtuallibrary.com/doi/abs/10.1680/jnaen.18.00013">https://www.icvirtuallibrary.com/doi/abs/10.1680/jnaen.18.00013</a>	Yes
Sub-10 nm silicene nanoribbon based Field Effect Transistor	Mubashir Ahmad Kharadi, Gul Faroz Ahmad Malik, Khurshed A. Shah and F. A. KHANDAY	Electronics and Instrumentation Technology	IEEE Transactions on Electron devices	2019	1557-9646		<a href="https://doi.org/10.1109/TED.2019.2942396">https://doi.org/10.1109/TED.2019.2942396</a>	Yes
Electrically reconfigurable logic design using multi-gate spin Field Effect Transistors	Gul Faroz Ahmad Malik, Mubashir Ahmad and F. A. KHANDAY	Electronics and Instrumentation Technology	Microelectronics Journal	2019	0026-2692		<a href="https://doi.org/10.1016/j.mejo.2019.07.003">https://doi.org/10.1016/j.mejo.2019.07.003</a>	Yes
Reversible Stochastic Computing in Ratioed, Unsigned Extended and Signed Extended Stochastic Logic Formats	Romisa Akhtar and F. A. KHANDAY	Electronics and Instrumentation Technology	Microelectronics Journal	2019	0026-2692		<a href="https://doi.org/10.1016/j.mejo.2018.12.010">https://doi.org/10.1016/j.mejo.2018.12.010</a>	Yes

Low-Voltage Low-Power Integrable CMOS Circuit Implementation of Integer- and Fractional-Order FitzHugh–Nagumo Neuron Model	F. A. KHANDAY, N. A. Kant, M. R. Dar, T. Z. A. Zulkifli and C. Psychalinos	Electronics and Instrumentation Technology	IEEE Transactions on Neural Networks and Learning Systems	2019	2162-237X		<a href="https://doi.org/10.1109/TNNLS.2018.2877454">https://doi.org/10.1109/TNNLS.2018.2877454</a>	Yes
Analytical modelling and performance analysis of gate- and channel-engineered trapezoidal trigate MOSFET	Aadil Tahir Shora and F. A. KHANDAY	Electronics and Instrumentation Technology	IET Circuits, Devices & Systems	2019	1751-8598(O) 1751-858X(P)		<a href="https://doi.org/10.1049/iet-cds.2018.5302">https://doi.org/10.1049/iet-cds.2018.5302</a>	Yes
Three Dimensional Analytical Model of Triple Material Tri Gate (TMTG) Silicon-On-Nothing (SON) MOSFET	Aadil Tahir Shora and F. A. KHANDAY	Electronics and Instrumentation Technology	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2019	1099-1204		<a href="https://doi.org/10.1002/jnm.2571">https://doi.org/10.1002/jnm.2571</a>	Yes

<p>A survey of single and multi-component Fractional-Order Elements (FOEs) and their applications</p>	<p>Zaid Mohammad Shah, Mujtab Yousuf Kathjoo, F. A. KHANDAY, Karabi Biswas and Costas Psychalinos</p>	<p>Electronics and Instrumentation Technology</p>	<p>Microelectronics Journal</p>	<p>2019</p>	<p>0026-2692</p>		<p><a href="https://doi.org/10.1016/j.mejo.2018.12.010">https://doi.org/10.1016/j.mejo.2018.12.010</a></p>	<p>Yes</p>
<p>A reversible and secure patient information hiding system for IoT driven e-health</p>	<p>Javaid A. Kaw, Nazir A. Loan, Shabir A. Parah, Khan Muhammad, Javaid A. Sheikh, &amp; G. M. Bhat</p>	<p>Electronics and Instrumentation Technology</p>	<p>International Journal of Information Management</p>	<p>2019</p>	<p>ISSN 0268-4012</p>		<p><a href="https://www.sciencedirect.com/science/article/pii/S0268401218302615">https://www.sciencedirect.com/science/article/pii/S0268401218302615</a></p>	<p>Yes</p>
<p>Dual watermarking framework for privacy protection and content authentication of multimedia</p>	<p>Nasir N. Hurrah, Shabir A. Parah, Nazir A. Loan, Javaid A. Sheikh, Mohammad Elhoseny &amp; Khan Muhammad,</p>	<p>Electronics and Instrumentation Technology</p>	<p>Future Generation Computer Systems</p>	<p>2019</p>	<p>ISSN 0167-739X</p>		<p><a href="https://www.sciencedirect.com/science/article/abs/pii/S0167739X18317096">https://www.sciencedirect.com/science/article/abs/pii/S0167739X18317096</a></p>	<p>Yes</p>

Impact of antenna and beam-selection-based sectored relay planning for performance evaluation of 4G LTE-A tri-sector cell	Javaid A. Sheikh, Mehboob-ul-Amin, Shabir A. Parah, G. Mohiuddin Bhat	Electronics and Instrumentation Technology	Digital Communications and Networks	2019	ISSN: 2352-8648		<a href="https://www.sciencedirect.com/science/article/pii/S2352864816300864">https://www.sciencedirect.com/science/article/pii/S2352864816300864</a>	Yes
Secure data transmission framework for confidentiality in IoTs	Nasir N. Hurrah, Shabir A. Parah, Nazir A. Loan, Javaid A. Sheikh, F. Trjuman, Elhoseny& Khan Muhammad	Electronics and Instrumentation Technology	Ad-Hoc networks, Elsevier	2019	ISSN 1570-8705		<a href="https://www.sciencedirect.com/science/article/abs/pii/S157087051930424X">https://www.sciencedirect.com/science/article/abs/pii/S157087051930424X</a>	Yes
Enhancing speed of SIMON: A light-weight-cryptographic algorithm for IoT applications	Norah Alassaf, Adnan Gutub, Shabir A. Parah, Manal Al Ghamdi	Electronics and Instrumentation Technology	Multimedia Tools and Applications	2019	Electronic ISSN 1573-7721 Print ISSN 1380-7501		<a href="https://link.springer.com/article/10.1007/s11042-018-6801-z">https://link.springer.com/article/10.1007/s11042-018-6801-z</a>	Yes
Area Optimized Decimation Filter for Wideband $\Sigma\Delta$ Analog to Digital Converters	Nasir N. Hurrah, Nazir A. Loan, Shabir A. Parah, Zaffer Iqbal	Electronics and Instrumentation Technology	Journal of Emerging Technologies and Innovative Research	2019	ISSN 2349-5162		<a href="https://www.jetir.org/view?paper=JETIR1902944">https://www.jetir.org/view?paper=JETIR1902944</a>	Yes

Design of Filter Bank Transmultiplexer System for Communication Using Different Modulation Technique	Zaffer Iqbal Mir, Javiad Ahmad Sheikh, Mehboobul Amin, G.M. Bhat	Electronics and Instrumentation Technology	International Journal of Computer Sciences and Engineering (IJCSE)	2019	(e-IJCSE: 2347-2693)		<a href="https://www.researchgate.net/publication/332116071">https://www.researchgate.net/publication/332116071</a>	Yes
Design of Filter Bank Transmultiplexer System for Communication Using Different windowing techniques	Zaffer Iqbal Mir, Javaid A. Sheikh, Mehboobul Amin, GM Bhat	Electronics and Instrumentation Technology	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN: 2349-5162		<a href="https://www.jetir.org/papers/JETIR1902224.pdf">https://www.jetir.org/papers/JETIR1902224.pdf</a>	Yes