3.4.9. Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-Index of the University

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
1	2016	2D orthogonal locality preserving projection for image denoising	Shikkenawis G., Mitra S.K.	IEEE Transactions on Image Processing	2016	22.5
2	2016	A grid matrix-based Raman spectroscopic method to characterize different cell milieu in biopsied axillary sentinel lymph nodes of breast cancer patients	Som D., Tak M., Setia M., Patil A., Sengupta A., Chilakapati C.M.K., Srivastava A., Parmar V., Nair N., Sarin R., Badwe R.	Lasers in Medical Science	2016	22.5
3	2016	A multiple reversible watermarking technique for fingerprint authentication	Joshi V.B., Raval M.S., Gupta D., Rege P.P., Parulkar S.K.	Multimedia Systems	2016	22.5
4	2016	A new class of generalized monotone mappings and variational inclusion problems in banach spaces	Sahu N.K., Mohapatra R.N., Nahak C., Mahato N.K.	Dynamics of Continuous Discrete and Impulsive Systems Series A: Mathematical Analysis	2016	22.5
5	2016	Application of group theory for computation reduction in microwave imaging of human breast model at 500 MHz	Patel H.N., Ghodgaonkar D.K.	Progress In Electromagnetics Research M	2016	22.5
6	2016	Baseband I/Q regeneration method for direct conversion receiver to nullify effect of I/Q mismatch	Shah M., Gupta S.	Advanced Electromagnetics	2016	22.5
7	2016	Can Ancient Wisdom Solve our Problems?	Jotwani, Naresh	Bhavan's Journal	2016	22.5
8	2016	Carbon Nanotube Interconnects - A Promising Solution for VLSI Circuits	Kumar, Mekala Girish, Agrawal, Yash; Chandel, Rajeevan	IETE Journal of Education	2016	22.5
9	2016	Classical and entanglement-assisted capacity of a qubit depolarizing memory channel	Mulherkar J.	International Journal of Quantum Information	2016	22.5
10	2016	Classification of printed Gujarati characters using low-level stroke features	Goswami M.M., Mitra S.K.	ACM Transactions on Asian and Low-Resource Language Information Processing	2016	22.5
11	2016	Comment on 'Yet another encounter with the golden ratio: Balancing laminar bodies on the edge'	Dutta G., Mehta M.	European Journal of Physics	2016	22.5
12	2016	Comparison of SUMO and SiMTraM for Indian Traffic Scenario Representation	Patel, Viral, Chaturvedi, Manish; Srivastava, Sanjay	Transportation Research Procedia	2016	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
13	2016	Crosstalk Analysis of Current-Mode Signalling-Coupled RLC Interconnects Using FDTD Technique	Agrawal, Yash; Chandel, Rajeevan	IETE Technical Review	2016	22.5
14	2016	Decorated granular layers for impact decimation	Tiwari M., Krishna Mohan T.R., Sen S.	Granular Matter	2016	22.5
15	2016	Differential network analysis reveals evolutionary complexity in secondary metabolism of rauvolfia serpentina over catharanthus roseus	Pathania S., Bagler G., Ahuja P.S.	Frontiers in Plant Science	2016	22.5
16	2016	Improving Information Retrieval Performance on OCRed Text in the Absence of Clean Text Ground Truth	Ghosh K., Chakraborty A., Parui S.K., Majumder P.	Information Processing and Management	2016	22.5
17	2016	Improving the Performance of the PNLMS Algorithm Using l1 Norm Regularization	Das R.L., Chakraborty M.	IEEE/ACM Transactions on Audio Speech and Language Processing	2016	22.5
18	2016	Large Scale Quantitative Analysis of three Indo-Aryan Languages	Mehta P., Majumder P.	Journal of Quantitative Linguistics	2016	22.5
19	2016	Learn to Respect the Safai Kamdar	Jotwani, Naresh	Bhavan's Journal	2016	22.5
20	2016	Newborn infant's cry analysis	Chittora A., Patil H.A.	International Journal of Speech Technology	2016	22.5
21	2016	Novel Unsupervised Auditory Filterbank Learning Using Convolutional RBM for Speech Recognition	Sailor H.B., Patil H.A.	IEEE/ACM Transactions on Audio Speech and Language Processing	2016	22.5
22	2016	On improvements of the r-adding walk in a finite field of characteristic 2	Abdullah A., Gajera H., Mahalanobis A.	Journal of Discrete Mathematical Sciences and Cryptography	2016	22.5
23	2016	On some variants of locality preserving projection	Shikkenawis G., Mitra S.K.	Neurocomputing	2016	22.5
24	2016	S-Birds Avengers: A Dynamic Heuristic Engine-Based Agent for the Angry Birds Problem	Dasgupta S., Vaghela S., Modi V., Kanakia H.	IEEE Transactions on Computational Intelligence and AI in Games	2016	22.5
25	2016	Smart City: Do We Have Enough Standards?	Anil K. Roy	IEEE Standard Education E-Magazine	2016	22.5
26	2016	Smart City: Standardization and Compliance Indicators	Anil K. Roy	IEEE Standards Education E- Magazine	2016	22.5
27	2016	Spectral analysis of infant cries and adult speech	Chittora A., Patil H.A.	International Journal of Speech Technology	2016	22.5
28	2016	Super-resolution of hyperspectral images using sparse representation and Gabor prior	Patel R.C., Joshi M.V.	Journal of Applied Remote Sensing	2016	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
29	2016	Tradition and Discipline: How should one read ancient Indian texts?	Kollipara B.	Modern Asian Studies	2016	22.5
30	2017	3D MR image denoising using rough set and kernel PCA method	Phophalia A., Mitra S.K.	Magnetic Resonance Imaging	2017	22.5
31	2017	A distance constrained synaptic plasticity model of C. elegans neuronal network	Badhwar R., Bagler G.	Physica A: Statistical Mechanics and its Applications	2017	22.5
32	2017	A learned sparseness and IGMRF-based regularization framework for dense disparity estimation using unsupervised feature learning	Nahar S., Joshi M.V.	IPSJ Transactions on Computer Vision and Applications	2017	22.5
33	2017	A Novel Unified Model for Copper and MLGNR Interconnects using Voltage and Current-Mode Signaling Schemes	Agrawal, Yash, Kumar, Girish, Kumar, Mekala; Chandel, Rajeevan	IEEE Transactions on Electromagnetic Compatibility	2017	22.5
34	2017	A regularized pan-sharpening approach based on self-similarity and Gabor prior	Upla K.P., Joshi M.V., Khatri N.	International Journal of Remote Sensing	2017	22.5
35	2017	An efficient key escrow-free identity-based signature scheme	Sahana S.C., Bhuyan B., Das M.L.	International Journal of Applied Engineering Research	2017	22.5
36	2017	An Experience Report on Workshop on Emerging Software Engineering Education	Singh, Paramvir , Farooq, Sheikh Umar , Tiwari, Saurabh; Sureka, Ashish	ACM SIGSOFT Software Engineering Notes	2017	22.5
37	2017	Auditory feature representation using convolutional restricted Boltzmann machine and Teager energy operator for speech recognition	Sailor H.B., Patil H.A.	Journal of the Acoustical Society of America	2017	22.5
38	2017	Big Data for Context Aware Computing – Perspectives and Challenges	Subbu, Kalyan P.; Vasilakos, Athanasios V.	Big Data Research	2017	22.5
39	2017	Cochlear filter and instantaneous frequency based features for spoofed speech detection	Patel T.B., Patil H.A.	IEEE Journal on Selected Topics in Signal Processing	2017	22.5
40	2017	Data Collection of Infant Cries for Research and Analysis	Chittora A., Patil H.A.	Journal of Voice	2017	22.5
41	2017	Design of complex adaptive multiresolution directional filter bank and application to pansharpening	Gajbhar S.S., Joshi M.V.	Signal Image and Video Processing	2017	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
42	2017	Dew plant for bottling water	Sharan G., Roy A.K., Royon L., Mongruel A., Beysens D.	Journal of Cleaner Production	2017	22.5
43	2017	Efficient Filtering of Graph Based Data Using Graph Partitioning	Vaishnav, Nileshkumar; Tatu, Aditya	International Journal of Computer Electrical Automation Control and Information Engineering	2017	22.5
44	2017	Enhanced Discrete Fuzzy Sliding Mode Control for Buck Converter	Viji, K., Kumar, Anil; Nagaraj, R.	International Journals of Control Theory and Applications	2017	22.5
45	2017	Identification of critical regulatory genes in cancer signaling network using controllability analysis	Ravindran V., Sunitha V., Bagler G.	Physica A: Statistical Mechanics and its Applications	2017	22.5
46	2017	Impact decimation using alignment of granular spheres	Tiwari M., Krishna Mohan T.R., Sen S.	International Journal of Modern Physics B	2017	22.5
47	2017	Impact dispersion using 2D and 3D composite granular packing	Sen S., Krishna Mohan T.R., Tiwari M.	KONA Powder and Particle Journal	2017	22.5
48	2017	Improved Delta Operator based Discrete Sliding Mode Fuzzy Controller for Buck Converter	Viji, K., Kumar, Anil; Nagaraj, R.	Indian Journal of Science and Technology	2017	22.5
49	2017	Investigating comprehension and learnability aspects of use cases for software specification problems	Tiwari S., Gupta A.	Information and Software Technology	2017	22.5
50	2017	Labeled object treemap: A new graph labeling based technique for visualizing multiple hierarchies	Mahipal, Jadeja; Rahul, Muthu	Annals of pure and Applied mathematics	2017	22.5
51	2017	Lorentzian Based Adaptive Filters for Impulsive Noise Environments	Das R.L., Narwaria M.	IEEE Transactions on Circuits and Systems I: Regular Papers	2017	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
52	2017	LXCat: an Open-Access, Web-Based Platform for Data Needed for Modeling Low Temperature Plasmas	Pitchford L.C., Alves L.L., Bartschat K., Biagi S.F., Bordage M.-C., Bray I., Brion C.E., Brunger M.J., Campbell L., Chachereau A., Chaudhury B., Christophorou L.G., Carbone E., Dyatko N.A., Franck C.M., Fursa D.V., Gangwar R.K., Guerra V., Haefliger P., Hagelaar G.J.M., Hoesl A., Itikawa Y., Kochetov I.V., McEachran R.P., Morgan W.L., Napartovich A.P., Puech V., Rabie M., Sharma L., Srivastava R., Stauffer A.D., Tennyson J., de Urquijo J., van Dijk J., Viehland L.A., Zammit M.C., Zatsarinny O., Pancheshnyi S.	Plasma Processes and Polymers	2017	22.5
53	2017	Multi-Modal Design of an Intelligent Transportation System	Chaturvedi M., Srivastava S.	IEEE Transactions on Intelligent Transportation Systems	2017	22.5
54	2017	Mutual healing enabled group-key distribution protocol in Wireless Sensor Networks	Agrawal S., Das M.L.	Computer Communications	2017	22.5
55	2017	Network Coding Based Distributed Indoor Target Tracking Using Wireless Sensor Networks	Pillutla L.S.	Wireless Personal Communications	2017	22.5
56	2017	Oblique wave trapping by vertical permeable membrane barriers located near a wall	Koley S., Sahoo T.	Journal of Marine Science and Application	2017	22.5
57	2017	On a Low-Frequency and Refinement Stable PMCHWT Integral Equation Leveraging the Quasi-Helmholtz Projectors	Beghein Y., Mitharwal R., Cools K., Andriulli F.P.	IEEE Transactions on Antennas and Propagation	2017	22.5
58	2017	Partial matching and search space reduction for QbE-STD	Madhavi M.C., Patil H.A.	Computer Speech and Language	2017	22.5
59	2017	Performance Improvement in Wideband Spectrum Sensing under Fading: Use of Diversity	Captain K., Joshi M.	IEEE Transactions on Vehicular Technology	2017	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
60	2017	Preference of Experience in Image Tone-Mapping: Dataset and Framework for Objective Measures Comparison	Krasula L., Narwaria M., Fliegel K., Le Callet P.	IEEE Journal on Selected Topics in Signal Processing	2017	22.5
61	2017	ProMusicDB.org: Preserving legacy with artist-centric professional music data curation	Crowl C., Sorathia V.	Music Reference Services Quarterly	2017	22.5
62	2017	Robust heart rate estimation from multimodal physiological signals using beat signal quality index based majority voting fusion method	Rankawat S.A., Dubey R.	Biomedical Signal Processing and Control	2017	22.5
63	2017	Set Labelling Vertices To Ensure Adjacency Coincides With Disjointness	Jadeja M., Muthu R., Sunitha V.	Electronic Notes in Discrete Mathematics	2017	22.5
64	2017	Significance of source-filter interaction for classification of natural vs. spoofed speech	Patel T.B., Patil H.A.	IEEE Journal on Selected Topics in Signal Processing	2017	22.5
65	2017	Study of effect of numerical breast phantom heterogeneity on dielectric profile reconstruction using microwave imaging	Patel H.N., Ghodgaonkar D.K.	Progress In Electromagnetics Research M	2017	22.5
66	2017	System of nonlinear variational inclusion problems with (A, η-maximal monotonicity in Banach spaces	Sahu N.K., Mahato N.K., Mohapatra R.N.	Statistics Optimization and Information Computing	2017	22.5
67	2017	Uniform set labeling vertices to ensure adjacency coincides with disjointness	Jadeja, Mahipal; Muthu, Rahul	Journal of Mathematical and Computational Science	2017	22.5
68	2017	Variability Analysis of Stochastic Parameters on the Electrical Performance of On-Chip Current-Mode Interconnect System	Agrawal Y., Chandel R., Dhiman R.	IETE Journal of Research	2017	22.5
69	2018	A 46 nW power management unit with battery extender for solar energy harvesters using 0.18 μm CMOS	Patel P., Mishra B., Nagchoudhuri D.	Journal of Low Power Electronics	2018	22.5
70	2018	A theoretical prediction of rotating waves in Type-I hydraulic jumps	Ray A.K., Sarkar N., Basu A., Bhattacharjee J.K.	Physics Letters Section A: General Atomic and Solid State Physics	2018	22.5
71	2018	A Unified Delay, Power and Crosstalk Model for Current Mode Signaling Multiwall Carbon Nanotube Interconnects	Agrawal Y., Kumar M.G., Chandel R.	Circuits Systems and Signal Processing	2018	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
72	2018	Accelerated simulation of microwave breakdown in gases on Xeon Phi based cluster-application to self-organized plasma pattern formation	Chaudhury B., Gupta A., Shah H., Bhadani S.	Computer Physics Communications	2018	22.5
73	2018	Adaptive Thermal Management Technique to Improve the Efficiency of SSPA for Geo-Synchronous Satellite	Doshi R.J., Ghodgaonkar D.	Journal of Heat Transfer	2018	22.5
74	2018	An efficient and novel FDTD method based performance investigation in high-speed current-mode signaling SWCNT bundle interconnect	Agrawal Y., Girish M., Chandel R.	Sadhana - Academy Proceedings in Engineering Sciences	2018	22.5
75	2018	An Efficient Crosstalk Model for Coupled Multiwalled Carbon Nanotube Interconnects	Kumar M.G., Chandel R., Agrawal Y.	IEEE Transactions on Electromagnetic Compatibility	2018	22.5
76	2018	Analysis of Performance of Flat Earth Phase Removal Methods	Desai, Keya, Joshi, Prakruti , Chirakkal, Sanid , Putrevu, Deepak; Ghosh, Renendu	International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences	2018	22.5
77	2018	Balancing on the edge, the golden ratio, the Fibonacci sequence and their generalization	Dutta G., Mehta M., Pathak P.	European Journal of Physics	2018	22.5
78	2018	Capacity of a quantum memory channel correlated by matrix product states	Mulherkar J., Sunitha V.	Quantum Information Processing	2018	22.5
79	2018	Change Detection of Polarimetric Sar Data for Monitoring of Agricultural Areas	Varia, Neelanshi , Davawala, Nidhi , Chirakkal, Sanid , Haldar, Dipanwita , Ghosh, Ranendu , Putrevu, Deepak	ISPRS Annals of Photogrammetry Remote Sensing and Spatial Information Sciences	2018	22.5
80	2018	Combining evidences from magnitude and phase information using VTEO for person recognition using humming	Patil H.A., Madhavi M.C.	Computer Speech and Language	2018	22.5
81	2018	Combining Zernike moment and complex wavelet transform for human object classification	Khare M., Prakash O., Srivastava R.K.	International Journal of Computational Vision and Robotics	2018	22.5
82	2018	Computational investigation of power efficient plasma-based reconfigurable microstrip antenna	Vyas H., Chaudhury B.	IET Microwaves Antennas and Propagation	2018	22.5
83	2018	Data Analysis in Multimedia Quality Assessment: Revisiting the Statistical Tests	Narwaria M., Krasula L., Le Callet P.	IEEE Transactions on Multimedia	2018	22.5

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84	2018	Design of mixture of GMMs for Query-by-Example Spoken Term Detection	Madhavi M.C., Patil H.A.	Computer Speech and Language	2018	22.5
85	2018	Designing mobile based computational support for low-literate community health workers	Shah H., Sengupta A.	International Journal of Human Computer Studies	2018	22.5
86	2018	Effective aggregation of various summarization techniques	Mehta P., Majumder P.	Information Processing and Management	2018	22.5
87	2018	Family of Constrained Codes for Archival DNA Data Storage	Limbachiya D., Gupta M.K., Aggarwal V.	IEEE Communications Letters	2018	22.5
88	2018	Fredholm integral equation technique for hydroelastic analysis of a floating flexible porous plate	Koley S., Mondal R., Sahoo T.	European Journal of Mechanics B/Fluids	2018	22.5
89	2018	GaAs MMIC low noise amplifier with integrated high-power absorptive receive protection switch	Rao C.V.N., Ghodgaonkar D.K., Sharma N.	IEEE Microwave and Wireless Components Letters	2018	22.5
90	2018	Gadamer on Tradition: Historical Context and the Limits of Reflection	Kollipara, Bharani	HUMAN STUDIES	2018	22.5
91	2018	Human action recognition using fusion of features for unconstrained video sequences	Patel C.I., Garg S., Zaveri T., Banerjee A., Patel R.	Computers and Electrical Engineering	2018	22.5
92	2018	Human detection in complex real scenes based on combination of biorthogonal wavelet transform and Zernike moments	Prakash O., Gwak J., Khare M., Khare A., Jeon M.	Optik	2018	22.5
93	2018	Improving the efficiency of solid-state power amplifier by frequency switching for satellite communication	Doshi R.J., Ghodgaonkar D.	International Journal of Satellite Communications and Networking	2018	22.5
94	2018	Let's HPC: A web-based platform to aid parallel, distributed and high performance computing education	Chaudhury B., Varma A., Keswani Y., Bhatnagar Y., Parikh S.	Journal of Parallel and Distributed Computing	2018	22.5
95	2018	Multivariate data visualization based investigation of projectiles in sports	Agam Shah, Yagnesh Chauhan, Prithvi Patel, and Bhaskar Chaudhury	European Journal of Physics	2018	22.5
96	2018	Multivariate generalized Gram–Charlier series in vector notations	Dharmani B.C.	Journal of Mathematical Chemistry	2018	22.5
97	2018	Multivariate-data-visualization-based investigation of projectiles in sports	Shah A., Chauhan Y., Patel P., Chaudhury B.	European Journal of Physics	2018	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
98	2018	Novel Subthreshold Modelling of Advanced On-Chip Graphene Interconnect Using Numerical Method Analysis	Patel N.R., Agrawal Y., Parekh R.	IETE Journal of Research	2018	22.5
99	2018	ONPPn: Orthogonal Neighborhood Preserving Projection with Normalization and its applications	Koringa P.A., Mitra S.K.	Image and Vision Computing	2018	22.5
100	2018	Optimized Wishart Network for an Efficient Classification of Multifrequency PolSAR Data	Gadhiya T., Roy A.K.	IEEE Geoscience and Remote Sensing Letters	2018	22.5
101	2018	Reflecting on Chemical Education: Nilratan Dhar and the Legacy of P C Ray	Mazumdar, Madhumita	INDIAN JOURNAL OF HISTORY OF SCIENCE	2018	22.5
102	2018	Scattering of surface gravity waves over a pair of trenches	Kar P., Koley S., Sahoo T.	Applied Mathematical Modelling	2018	22.5
103	2018	Securing wireless sensor networks with public key techniques	Kumar V., Das M.L.	Ad-Hoc and Sensor Wireless Networks	2018	22.5
104	2018	Shadow-Free, Expeditious and Precise, Moving Object Separation from Video	Domadiya P., Shah P., Mitra S.K.	International Journal of Image and Graphics	2018	22.5
105	2018	Significance of Higher-Order Spectral Analysis in Infant Cry Classification	Chittora A., Patil H.A.	Circuits Systems and Signal Processing	2018	22.5
106	2018	The quotidian revolution: vernacularization, religion and the premodern public sphere in India	Kollipara, Bharani	SOUTH ASIAN HISTORY AND CULTURE	2018	22.5
107	2018	Toward better statistical validation of machine learning-based multimedia quality estimators	Narwaria M.	IEEE Transactions on Broadcasting	2018	22.5
108	2018	Trigonometry-based motion blur parameter estimation algorithm	Gajjar, Ruchi , Zaveri, Tanish , Banerjee, Asim; Murthy, K.V.V.	International of Journal of Image Mining	2018	22.5
109	2018	Understanding the Role of Rural Entrepreneurs in Telecentre Sustainability: A Comparative Study of the Akshaya and eSeva Projects in India	Mishra, Gaurav; Unny, Balakrishnan R.	TECHNOLOGY INNOVATION MANAGEMENT REVIEW	2018	22.5
110	2018	Anders Odenstedt: Gadamer on Tradition: Historical Context and the Limits of Refection Springer, Cham, 2017	Bharani Kollipara	Journal of Human Studies	2018	22.5
111	2018	Codes and rings: theory and practice	Manish K. Gupta	Computing Review	2018	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
112	2018	Mathematical grammar of biology, Yamagishi M., Springer Publishing Company, Incorporated, New York, NY, 2017. 82 pp. ISBN: 978-3-319626-88-8	Manish K. Gupta	Computing Review	2018	22.5
113	2018	The quotidian revolution: vernacularization, religion and the premodern public sphere in India by Christian Lee Novetzke	Bharani Kollipara	South Asian History and Culture	2018	22.5
114	2019	A Literature Review on Next Generation Graphene Interconnects	Patel N., Agrawal Y.	Journal of Circuits Systems and Computers	2019	22.5
115	2019	A low power wearable device for real-time electrocardiogram monitoring and cardiovascular arrhythmia detection for resource constrained regions	Arora N., Mishra B., Vora Y.	Journal of Low Power Electronics	2019	22.5
116	2019	A novel approach to remove outliers for parallel voice conversion	Shah N.J., Patil H.A.	Computer Speech and Language	2019	22.5
117	2019	A Novel Slice-Based High-Performance ALU Design Using Prospective Single Electron Transistor	Patel R., Agrawal Y., Parekh R.	IETE Journal of Research	2019	22.5
118	2019	A provable secure key-escrow-free identity-based signature scheme without using secure channel at the phase of private key issuance	Sahana S.C., Das M.L., Bhuyan B.	Sadhana - Academy Proceedings in Engineering Sciences	2019	22.5
119	2019	A Review of Distributed Scheduling Algorithms for Tree based Wireless Sensor Networks	Vasavada, Tejas; Srivastava, Sanjay	INTERNATIONAL JOURNAL OF NEXT-GENERATION COMPUTING	2019	22.5
120	2019	Abundance estimation using discontinuity preserving and sparsity-induced priors	Patel J.R., Joshi M.V., Bhatt J.S.	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	2019	22.5
121	2019	Affine interpolation in a lie group framework	Bansal S., Tatu A.	ACM Transactions on Graphics	2019	22.5
122	2019	AN EXPERIMENTAL ANALYSIS and VALIDATION of ELECTRICAL IMPEDANCE TOMOGRAPHY TECHNIQUE for MEDICAL or INDUSTRIAL APPLICATION	Kumar R., Kumar S., Sengupta A.	Biomedical Engineering - Applications Basis and Communications	2019	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
123	2019	CMOS power management unit along with load regulation using switched capacitor converters	Patel P., Mishra B.	Journal of Low Power Electronics	2019	22.5
124	2019	Comprehensive evaluation of key management hierarchies for outsourced data	Kumar N., Mathuria A.	Cybersecurity	2019	22.5
125	2019	Design and performance comparison of a novel high Q coaxial resonator filter and compact waveguide filter for millimeter wave payload applications	Dad V.K., Gupta S.	International Journal of RF and Microwave Computer-Aided Engineering	2019	22.5
126	2019	Design and simulation of single electron transistor based SRAM and its memory controller at room temperature	Badgujar J., Kale V., Shah M., Parekh R.	International Journal of Integrated Engineering	2019	22.5
127	2019	Detection of node capture attack in wireless sensor networks	Agrawal S., Das M.L., Lopez J.	IEEE Systems Journal	2019	22.5
128	2019	Disruptive transactions: The complex configurations of sharing and the vulnerability of life in the Jarawa Reserve forest in the Andaman Islands	Pandya V., Mazumdar M.	Hunter Gatherer Research	2019	22.5
129	2019	Existence results for trifunction equilibrium problems and fixed point problems	Mahato N.K., Noor M.A., Sahu N.K.	Analysis and Mathematical Physics	2019	22.5
130	2019	Heuristics Based Tree Switching in Two-sink Sensor Networks	Vasavada,m Tejas Mukesh; Srivastava, Sanjay	INFOCOMP Journal of Computer Science	2019	22.5
131	2019	How Do You 'Know' a Tribal When You See One? How Do You 'See' a Tribal When You Know One?	Pandya, Vishvajit	Journal of the Anthropological Survey of India	2019	22.5
132	2019	Identification of Desertification Hot Spot Using Aridity Index	Viral Dave, Megha Pandya and Ranendu Ghosh	Annals of Arid Zone	2019	22.5
133	2019	L1-norm orthogonal neighbourhood preserving projection and its applications	Koringa P.A., Mitra S.K.	Pattern Analysis and Applications	2019	22.5
134	2019	Light-weight configurable architecture for QRS detection	Jain N., Mishra B.	IET Computers and Digital Techniques	2019	22.5

Sr#	Year	Title of the paper	Name of the author	Title of the journal	Year of publication	H Index
135	2019	Maximum colored trees in edge-colored graphs	Borozan V., de La Vega W.F., Manoussakis Y., Martinhon C., Muthu R., Pham H.P., Saad R.	European Journal of Combinatorics	2019	22.5
136	2019	Miss Laila, Armed and Dangerous	Garg, Shweta	ASIATIC-IIUM JOURNAL OF ENGLISH LANGUAGE AND LITERATURE	2019	22.5
137	2019	Network controllability analysis of intracellular signalling reveals viruses are actively controlling molecular systems	Ravindran V., Nacher J.C., Akutsu T., Ishitsuka M., Osadcenco A., Sunitha V., Bagler G., Schwartz J.-M., Robertson D.L.	Scientific Reports	2019	22.5
138	2019	Non-linear autoencoder based algorithm for dimensionality reduction of airborne hyperspectral data	Priya S., Ghosh R., Bhattacharya B.K.	International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences - ISPRS Archives	2019	22.5
139	2019	Optimal deterministic distributed algorithms for maximal independent set in geometric graphs	Molla A.R., Pandit S., Roy S.	Journal of Parallel and Distributed Computing	2019	22.5
140	2019	P. C. Vaidya's contributions to mathematics and physics	Shashikumara A.A., Kumbar R.	Current Science	2019	22.5
141	2019	Privacy Preserving Searchable Encryption with Fine-grained Access Control	Chaudhari, Payal; Das, Manik Lal	IEEE Transactions on Cloud Computing	2019	22.5
142	2019	Privacy-preserving targeted online advertising	Dave, Ainish , Gajera, Hardik; Das, Manik Lal	International Journal of Social Computing and Cyber-Physical Systems (IJSCCPS)	2019	22.5
143	2019	Self-Conscious Pleasure-Seeking: Equality in Arun Kolatkar's Poetry	Modi, Amishal	International Journal of Research and Analytical Reviews (IJRAR)	2019	22.5
144	2019	Signal processing on graphs: Structure preserving maps	Vaishnav N., Tatu A.	IET Signal Processing	2019	22.5
145	2019	SNR wall for generalized energy detector in the presence of noise uncertainty and fading	Captain K., Joshi M.	Physical Communication	2019	22.5
146	2019	The impact of Use Cases in real-world software development projects: A systematic mapping study	Barros-Justo J.L., Benitti F.B.V., Tiwari S.	Computer Standards and Interfaces	2019	22.5
147	2019	TIDE: tampered image detection using mutual information	Dhwani Patel and Manik Lal Das	International Journal of Multimedia Intelligence and Security	2019	22.5
148	2019	Ultra-low power digital front-end for single lead ECG acquisition integrated with a time-to-digital converter	Mishra B., Thakkar S., Jain N.	IET Computers and Digital Techniques	2019	22.5

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149	2019	Vocal Tract Length Normalization using a Gaussian mixture model framework for query-by-example spoken term detection	Madhavi M.C., Patil H.A.	Computer Speech and Language	2019	22.5
150	2019	Manu Joseph, Miss Laila, Armed and Dangerous	Shweta Garg	Asiatic: IIUM Journal of English Language and Literature	2019	22.5
151	2020	A Comparative Study of Various Artificial Intelligence Based Agents for the Game of Angry Birds with and without Splitting	Kumar A., Jani K., Sahu N.K.	Journal of Physics: Conference Series	2020	22.5
152	2020	A Forensic Technique to Detect Copy-Move Forgery Based on Image Statistics	Nirwal A., Khandelwal R., Patel S., Singh P.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	22.5
153	2020	A new common points detection method for classification of 2D and 3D texts in video/scene images	Nandanwar L., Shivakumara P., Kumar A., Lu T., Pal U., Lopresti D.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	22.5
154	2020	A new tool for simulation of single electron transistor based microprocessor using vector file	Patel R., Agarwal Y., Parekh R.	Nanoscience and Nanotechnology - Asia	2020	22.5
155	2020	A Novel Approach for Hyperspectral Image Superresolution Using Spectral Unmixing and Transfer Learning	Patel J.R., Joshi M.V., Bhatt J.S.	International Geoscience and Remote Sensing Symposium (IGARSS)	2020	22.5
156	2020	A Preliminary Study on Case-Based Learning Teaching Pedagogy: Scope in SE Education	Ameta D., Tiwari S., Singh P.	ACM International Conference Proceeding Series	2020	22.5
157	2020	A Report on Students Software Project Contest co-located with ISEC 2020	Tiwari S., Thakur J.S.	ACM International Conference Proceeding Series	2020	22.5
158	2020	A report on the first workshop on Natural Language Processing Advancements for Software Engineering (NLPaSE) co-located with APSEC 2020	Tiwari S., Rathore S.S., Nautiyal L., Singh R.	CEUR Workshop Proceedings	2020	22.5
159	2020	A Report on the Third Workshop on Emerging Software Engineering Education (WESEE 2020)	Tiwari, Saurabh; Farooq, Sheikh Umar; Singh, Paramvir; Rathore, Santosh Singh	ISOFT: PROCEEDINGS OF THE 13TH INNOVATIONS IN SOFTWARE ENGINEERING CONFERENCE	2020	22.5
160	2020	Advances in anti-spoofing: From the perspective of ASVspoof challenges	Kamble M.R., Sailor H.B., Patil H.A., Li H.	APSIPA Transactions on Signal and Information Processing	2020	22.5

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161	2020	Advances in biomedical entity identification: A survey	Sankhavara J., Majumder P.	Biotechnology and Biological Sciences-Proceedings of the 3rd International Conference of Biotechnology and Biological Sciences BIOSPECTRUM 2019	2020	22.5
162	2020	Algorithm for fairness in schedule lengths of sink-rooted trees in multi-sink heterogeneous wireless sensor networks	Vasavada T., Srivastava S.	International Journal of Information Technology (Singapore)	2020	22.5
163	2020	Amplitude and Frequency Modulation-based features for detection of replay Spoof Speech	Kamble M.R., Tak H., Patil H.A.	Speech Communication	2020	22.5
164	2020	An Adaptive Upper Threshold Based Gain Function for the ZA-PNLMS Algorithm	Das R.L., Trivedi V.	IEEE Transactions on Circuits and Systems II: Express Briefs	2020	22.5
165	2020	An Efficient and Compact Review of Face Recognition Techniques	Borisagar P., Jani S., Agrawal Y., Parekh R.	2020 IEEE International Students' Conference on Electrical Electronics and Computer Science SCEECS 2020	2020	22.5
166	2020	An Experience Report on Second Workshop on Emerging Software Engineering Education	Saurabh Tiwari, Sheikh Umar Farooq, Ranjith Tharayil and Paramvir Singh,	ACM SIGSOFT Software Engineering Notes	2020	22.5
167	2020	An Experimental Study of Mobile Phone Impact on College Students	Vaghela M., Sasidhar K., Parikh A.	Advances in Intelligent Systems and Computing	2020	22.5
168	2020	An in-field integrated capacitive sensor for rapid detection and quantification of soil moisture	Sandeep G.Surya, Saravanan Yuvaraja, Eswaraiah Varrla, Maryam Shojaei Baghini, Vinay S. Palaparthy and Khaled N.Salama,	Sensors and Actuators B: Chemical	2020	22.5
169	2020	Analysis of Pinwheel type Aperiodic Clustering for Sidelobe level Improvement in Phased Array Antenna	Mevada P., Gupta S., Kulshreshta S., Chakrabarty S., Mahajan M.	2020 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting IEEECONF 2020 - Proceedings	2020	22.5
170	2020	Analysis of Smartphone Sensor Bias from an Activity Recognition Experiment in the Wild	Sasidhar K., Upasini A., Shah D., Palaparthy V.	2020 IEEE Sensors Applications Symposium SAS 2020 - Proceedings	2020	22.5
171	2020	Analytical equations based prediction approach for PM2.5 using artificial neural network	Shah J., Mishra B.	SN Applied Sciences	2020	22.5
172	2020	Analyzing the human behavior using pervasive sensing system	Vaghela M., Sasidhar K.	ACM International Conference Proceeding Series	2020	22.5

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173	2020	Artificial neural network (ANN) based soil electrical conductivity (SEC) prediction	Pandya M., Dave V., Ghosh R.	2020 7th International Conference on Signal Processing and Integrated Networks SPIN 2020	2020	22.5
174	2020	Assistive Hand Gesture Glove for Hearing and Speech Impaired	Zanzarukiya A., Jethwa B., Panchasara M., Parekh R.	Proceedings of the 4th International Conference on Trends in Electronics and Informatics ICOEI 2020	2020	22.5
175	2020	Asynchronous test equivalence for probabilistic processes	Bhateja P.	Proceedings - Asia-Pacific Software Engineering Conference APSEC	2020	22.5
176	2020	Authentication and Key Transport Using Public Key Cryptography	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5
177	2020	Automated E-circuit Designing and Characterization using Prominent Neural Network	DIksha, Agrawal Y., Parekh R., Palaparthy V.	2020 IEEE International Students' Conference on Electrical Electronics and Computer Science SCEECS 2020	2020	22.5
178	2020	Automatic generation of compact printable shellcodes for x86	Patel D., Basu A., Mathuria A.	WOOT 2020 - 14th USENIX Workshop on Offensive Technologies co-located with USENIX Security 2020	2020	22.5
179	2020	Blockchain Application for IoT Cybersecurity Management	Miloslavskaya, Natalia; Tolstoy, Alexander; Budzko, Vladimir; Das, Maniklal	ESSENTIALS OF BLOCKCHAIN TECHNOLOGY	2020	22.5
180	2020	Blockchain-powered healthcare insurance system	Gajera H., Das M.L., Shah V.	Security and Privacy of Electronic Healthcare Records	2020	22.5
181	2020	Changes in soil-pores and wheat root geometry due to strategic tillage in a no-tillage cropping system	Promil Mehra, Pankaj Kumar, Nanthi Bolan, Jack Desbiolles, Susan Orgill and Matthew D. Denton,	Soil Research	2020	22.5
182	2020	Characterization of a Low Cost, Automated and Field Deployable 2-Lead Myocardial Infarction Detection System	Arora N., Mishra B.	2020 International Conference on COMmunication Systems and NETworkS COMSNETS 2020	2020	22.5
183	2020	Cloud based Accident Detection and Notification System	Jani S., Patel P., DIvakar B., Patel V., Parekh R.	2020 IEEE International Students' Conference on Electrical Electronics and Computer Science SCEECS 2020	2020	22.5
184	2020	Combination of Amplitude and Frequency Modulation Features for Presentation Attack Detection	Kamble M.R., Patil H.A.	Journal of Signal Processing Systems	2020	22.5

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185	2020	Combining Local Binary Pattern and Speeded-Up Robust Feature for Content-Based Image Retrieval	Srivastava P., Khare M., Khare A.	Communications in Computer and Information Science	2020	22.5
186	2020	Compact circularly polarized triband staired rectangular dielectric resonator antenna using single and dual sections WPD with phase shifter for navigation satellite applications	Chaudhary P., Ghodgaonkar D.K., Gupta S., Jyoti R., Mahajan M.B.	Microwave and Optical Technology Letters	2020	22.5
187	2020	Computational characterization of plasma transport across magnetic filter in ROBIN using PIC-MCC simulation	Shah M., Chaudhury B., Bandyopadhyay M., Chakraborty A.	Fusion Engineering and Design	2020	22.5
188	2020	Computational Security Models	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5
189	2020	Covering and packing of rectilinear subdivision	Jana S., Pandit S.	Theoretical Computer Science	2020	22.5
190	2020	Cross-Platform Performance Prediction with Transfer Learning using Machine Learning	Kumar R., Mankodi A., Bhatt A., Chaudhury B., Amrutiya A.	2020 11th International Conference on Computing Communication and Networking Technologies ICCCNT 2020	2020	22.5
191	2020	CS-ONPP: Class Similarity Based ONPP for the Modular Facial Expression Recognition	Sujata, Koringa P.A., Mitra S.K.	Communications in Computer and Information Science	2020	22.5
192	2020	DeDOP: Deduplication with cross-server Ownership over encrypted data	Gajera H., Das M.L.	ISEA-ISAP 2020 - Proceedings of the 3rd ISEA International Conference on Security and Privacy 2020	2020	22.5
193	2020	Deep Learning in Hyperspectral Unmixing: A Review	Bhatt J.S., Joshi M.V.	International Geoscience and Remote Sensing Symposium (IGARSS)	2020	22.5
194	2020	Deep TEC: Deep transfer learning with ensemble classifier for road extraction from UAV imagery	Senthilnath J., Varia N., Dokania A., Anand G., Benediktsson J.A.	Remote Sensing	2020	22.5
195	2020	Dense optical flow based background subtraction technique for object segmentation in moving camera environment	Kushwaha A., Khare A., Prakash O., Khare M.	IET Image Processing	2020	22.5

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196	2020	Dense Optical Flow-based Background Subtraction Technique for Object Segmentation in moving camera Environment	Arati Kushwaha, Ashish Khare, Om Prakash Manish Khare	IET Image Processing	2020	22.5
197	2020	Design and implementation of single electron transistor based 8X8 bit signed multipliers	Shah C., Shah R., Dhavse R., Parekh R.	Materials Today: Proceedings	2020	22.5
198	2020	Design of prominent SET-based high performance computing system	Patel R., Agrawal Y., Parekh R.	IET Circuits Devices and Systems	2020	22.5
199	2020	Design of prominent Time-to-Digital Converter using single electron transistor operating at room temperature	Trivedi R., Banik S., Patel P., Agrawal Y., Parekh R.	2020 IEEE International Students' Conference on Electrical Electronics and Computer Science SCEECS 2020	2020	22.5
200	2020	Design of Voice Privacy System using Linear Prediction	Gupta P., Prajapati G.P., Singh S., Kamble M.R., Patil H.A.	2020 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference APSIPA ASC 2020 - Proceedings	2020	22.5
201	2020	Detecting and visualizing hate speech in social media: A cyber Watchdog for surveillance	Modha S., Majumder P., Mandl T., Mandalia C.	Expert Systems with Applications	2020	22.5
202	2020	Detection of replay spoof speech using teager energy feature cues	Madhu R. Kamble and Hemant A.Patil,	Computer Speech & Language	2020	22.5
203	2020	Diabetic retinopathy classification using downscaling algorithms and deep learning	Doshi N., Oza U., Kumar P.	2020 7th International Conference on Signal Processing and Integrated Networks SPIN 2020	2020	22.5
204	2020	Discovering maximal periodic-frequent patterns in very large temporal databases	Kiran R.U., Watanobe Y., Chaudhury B., Zettsu K., Toyoda M., Kitsuregawa M.	Proceedings - 2020 IEEE 7th International Conference on Data Science and Advanced Analytics DSAA 2020	2020	22.5
205	2020	Dissipation and acoustic tunnelling about the sonic horizon of Bondi accretion	Ray A.K.	Journal of Cosmology and Astroparticle Physics	2020	22.5
206	2020	DNN based approaches for segmentation of handwritten gujarati text	Divya B., Goswami M.M., Mitra S.	Proceedings - 2020 IEEE International Symposium on Sustainable Energy Signal Processing and Cyber Security iSSSC 2020	2020	22.5
207	2020	DNNFG: DNN based on fourier transform followed by gabor filtering for the modular FER	Sujata, Mitra S.K.	ICPRAM 2020 - Proceedings of the 9th International Conference on Pattern Recognition Applications and Methods	2020	22.5

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208	2020	Document Image Binarization Using U-Net	Kotecha D., Joshi M.V.	Communications in Computer and Information Science	2020	22.5
209	2020	Effectiveness of Transfer Learning on Singing Voice Conversion in the Presence of Background Music	Rajpura D.G., Shah J., Patel M., Malaviya H., Phatnani K., Patil H.A.	SPCOM 2020 - International Conference on Signal Processing and Communications	2020	22.5
210	2020	Electrochemical synthesis of graphene quantum dots from graphene oxide at room temperature and its soil moisture sensing properties	Kalita H., Palaparthy V.S., Baghini M.S., Aslam M.	Carbon	2020	22.5
211	2020	EMOTIONCAPS - Facial Emotion Recognition Using Capsules	Shah B., Bhatt K., Mandal S., Mitra S.K.	Communications in Computer and Information Science	2020	22.5
212	2020	Energy exchange calculations in a simple mechanical system to investigate the origin of friction	Iglesias M.L., Tiwari M., Kenkre V.M., Goncalves S.	International Journal of Modern Physics B	2020	22.5
213	2020	Evaluating Machine Learning Models for Disparate Computer Systems Performance Prediction	Mankodi A., Bhatt A., Chaudhury B., Kumar R., Amrutiya A.	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics Computing and Communication Technologies	2020	22.5
214	2020	Evaluation of Deep Learning Based Human Expression Recognition on Noisy Images	Kumar A., Jani K., Jishu A.K., Patel H., Sharma A.K., Khare M.	2020 7th International Conference on Soft Computing and Machine Intelligence ISCMI 2020	2020	22.5
215	2020	Evaluation of neural network models for performance prediction of scientific applications	Mankodi A., Bhatt A., Chaudhury B.	IEEE Region 10 Annual International Conference Proceedings/TENCON	2020	22.5
216	2020	Evaluation of Tree Species Classification Methods using Multi-Temporal Satellite Images	Saha A., Sastry S., Dave V.A., Ghosh R.	2020 IEEE Latin American GRSS and ISPRS Remote Sensing Conference LAGIRS 2020 - Proceedings	2020	22.5
217	2020	Findings from an experimental study of student behavioral patterns using smartphone sensors	Shah D., Upasini A., Sasidhar K.	2020 International Conference on COMmunication Systems and NETworkS COMSNETS 2020	2020	22.5
218	2020	FIRE 2020 AILA Track: Artificial Intelligence for Legal Assistance	Bhattacharya P., Mehta P., Ghosh K., Ghosh S., Pal A., Bhattacharya A., Majumder P.	ACM International Conference Proceeding Series	2020	22.5
219	2020	FIRE 2020 EDNIL Track: Event Detection from News in Indian Languages	Dave B., Gangopadhyay S., Majumder P., Bhattacharya P., Sarkar S., Devi S.L.	ACM International Conference Proceeding Series	2020	22.5

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220	2020	Fuzzy volumetric delineation of brain tumor and survival prediction	Bhadani S., Mitra S., Banerjee S.	Soft Computing	2020	22.5
221	2020	Geometric and radiometric assessment of sentinel-2A and sentinel-2B sensors	Doshi N., Koringa P.A., Ghosh R.	2020 7th International Conference on Signal Processing and Integrated Networks SPIN 2020	2020	22.5
222	2020	Graphene oxide array for in-depth soil moisture sensing toward optimized irrigation	Aslam M., Siddiqui M.S., Palaparthy V.S., Kalita H., Baghini M.S.	ACS Applied Electronic Materials	2020	22.5
223	2020	Group Key Establishment	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5
224	2020	Handwritten Gujarati Word Image Matching using Autoencode	Khushali K.B., Goswami M.M., Mitra S.K.	4th International Conference on Computational Intelligence and Networks CINE 2020	2020	22.5
225	2020	Handwritten Numeral Recognition Using Polar Histogram of Low-Level Stroke Features	Parekh K.A., Goswami M.M., Mitra S.K.	Advances in Intelligent Systems and Computing	2020	22.5
226	2020	HEDrone: Privacy-Preserving Proof-of-Alibi for Drone Compliance Based on Homomorphic Encryption	Garikipati G., Roshani, Mathuria A., Singh P.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	22.5
227	2020	Hyperspectral image classification using trilateral filter and deep learning	Gupta V., Sastry S., Mitra S.K.	Proceedings - 2020 IEEE International Symposium on Sustainable Energy Signal Processing and Cyber Security iSSSC 2020	2020	22.5
228	2020	Identifying Use Case Elements from Textual Specification: A Preliminary Study	Tiwari S., Rathore S.S., Sagar S., Mirani Y.	Proceedings of the IEEE International Conference on Requirements Engineering	2020	22.5
229	2020	Identity-Based Key Agreement	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5
230	2020	Image aesthetics assessment using multi channel convolutional neural networks	Doshi N., Shikkenawis G., Mitra S.K.	Communications in Computer and Information Science	2020	22.5
231	2020	Image denoising using 2D orthogonal locality preserving discriminant projection	Shikkenawis G., Mitra S.K.	IET Image Processing	2020	22.5
232	2020	Impact of CBL on Student's Learning and Performance: An Experience Report	Tiwari S.	ACM International Conference Proceeding Series	2020	22.5
233	2020	Improving Steady-State Performance of the UT-ZA-PNLMS Algorithm for Sparse Systems	Sesha Sai Anudeep K., Khoria K., Das R.L.	SPCOM 2020 - International Conference on Signal Processing and Communications	2020	22.5
234	2020	Intelligibility Improvement of Dysarthric Speech using MMSE DiscoGAN	Purohit M., Patel M., Malaviya H., Patil A., Parmar M., Shah N., Doshi S., Patil H.A.	SPCOM 2020 - International Conference on Signal Processing and Communications	2020	22.5

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235	2020	Interval-Based Least Squares for Uncertainty-Aware Learning in Human-Centric Multimedia Systems	Manish Narwaria and Aditya Tatu,	IEEE Transactions on Neural Networks and Learning Systems	2020	22.5
236	2020	Introduction to Authentication and Key Establishment	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5
237	2020	IoT-enabled Low Power Environment Monitoring System for of PM2.5	Shah, Jalpa; Mishra, Biswajit	PERVASIVE AND MOBILE COMPUTING	2020	22.5
238	2020	IoT-enabled Low Power Environment Monitoring System for prediction of PM2.5	Shah J., Mishra B.	Pervasive and Mobile Computing	2020	22.5
239	2020	Kernel variants of extended locality preserving projection	Bhatt P., Sujata, Mitra S.K.	Communications in Computer and Information Science	2020	22.5
240	2020	Key Agreement Protocols	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5
241	2020	Keyframe extraction using binary robust invariant scalable keypoint features	Khare A., Mounika B.R., Khare M.	Proceedings of SPIE - The International Society for Optical Engineering	2020	22.5
242	2020	Keypoint based comprehensive copy-move forgery detection	Anjali Diwan, Rajat Sharma, Anil K. Roy, and Suman K. Mitra,	IET Image Processing	2020	22.5
243	2020	ℓ1/ℓ0Regularized Conjugate Gradient Based Sparse Adaptive Algorithms	Das R.L.	SPCOM 2020 - International Conference on Signal Processing and Communications	2020	22.5
244	2020	Local Proximity for Enhanced Visibility in Haze	Mandal S., Rajagopalan A.N.	IEEE Transactions on Image Processing	2020	22.5
245	2020	Locality Preserving Projection Based Multiple Copy-Paste Forgery Detection	Diwan A., Roy A.K., Mitra S.K.	Proceedings of 2020 IEEE Applied Signal Processing Conference ASPCON 2020	2020	22.5
246	2020	Macroscopic Traffic Stream Variable Prediction with Weather Impact using Recurrent Learning Approach	Nigam A., Srivastava S.	Proceedings of 2020 IEEE-HYDCON International Conference on Engineering in the 4th Industrial Revolution HYDCON 2020	2020	22.5
247	2020	Maximum independent and disjoint coverage	Dhar A.K., Madireddy R.R., Pandit S., Singh J.	Journal of Combinatorial Optimization	2020	22.5
248	2020	Mesh Refinement Based Simulation of Complex Plasma Dynamics during High Power Millimeter Wave Breakdown	Ghosh P., Chaudhury B.	2020 IEEE MTT-S International Conference on Numerical Electromagnetic and Multiphysics Modeling and Optimization NEMO 2020	2020	22.5
249	2020	MnasNet based lightweight CNN for facial expression recognition	Aghera S., Gajera H., Mitra S.K.	Proceedings - 2020 IEEE International Symposium on Sustainable Energy Signal Processing and Cyber Security iSSSC 2020	2020	22.5

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250	2020	Modeling the Dynamics of Carbon Dioxide Over an Educational Institute	Sastry S., Saha A., Ghosh R.	Lecture Notes in Networks and Systems	2020	22.5
251	2020	Motion Retargeting and Machine Learning for Humanoid Robotics	Patel S., Garg T., Patel G., Roshani, Chaudhury B., Maiti T.K.	3rd International Symposium on Devices Circuits and Systems ISDCS 2020 - Proceedings	2020	22.5
252	2020	Mspec-Net : Multi-Domain Speech Conversion Network	Malaviya H., Shah J., Patel M., Munshi J., Patil H.A.	ICASSP IEEE International Conference on Acoustics Speech and Signal Processing - Proceedings	2020	22.5
253	2020	Multivariate Performance and Power Prediction of Algorithms on Simulation-Based Hardware Models	Mankodi A., Bhatt A., Chaudhury B.	Proceedings - 2020 19th International Symposium on Parallel and Distributed Computing ISPDC 2020	2020	22.5
254	2020	Mutual Information Based Kernel for Image Classification	Dave R., Khare M., Mitra S.K.	2020 7th International Conference on Soft Computing and Machine Intelligence ISCMI 2020	2020	22.5
255	2020	Neighbourhood Projection Embedding Based Image Tampering Detection and Localization	Diwan A., Koringa P.A., Roy A.K., Mitra S.K.	Communications in Computer and Information Science	2020	22.5
256	2020	ODDMS: Online Distributed Dynamic Meeting Scheduler	Nigam A., Srivastava S.	Lecture Notes in Networks and Systems	2020	22.5
257	2020	On non-uniform flower codes	Benerjee K.G., Gupta M.K.	Cryptography and Communications	2020	22.5
258	2020	On Some Universally Good Fractional Repetition Codes	Prajapati S.A., Deb S., Gupta M.K.	2020 International Conference on COMmunication Systems and NETworkS COMSNETS 2020	2020	22.5
259	2020	Overview of the FIRE 2020 AILA track: Artificial intelligence for legal assistance	Bhattacharya P., Mehta P., Ghosh K., Ghosh S., Pal A., Bhattacharya A., Majumder P.	CEUR Workshop Proceedings	2020	22.5
260	2020	Overview of the FIRE 2020 EDNIL track: Event detection from news in Indian languages	Dave B., Gangopadhyay S., Majumder P., Bhattacharya P., Sarkar S., Devi S.L.	CEUR Workshop Proceedings	2020	22.5
261	2020	Overview of the HASOC track at FIRE 2020: Hate speech and offensive content identification in Indo-European languages	Mandl T., Modha S., Shahi G.K., Jaiswal A.K., Nandini D., Patel D., Majumder P., Schafer J.	CEUR Workshop Proceedings	2020	22.5
262	2020	Packing and covering with segments	Mitchell J.S.B., Pandit S.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	22.5
263	2020	Password-Based Protocols	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5

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264	2020	Performance Evaluation of On-chip Interconnect System using Prospective Neural Network Design	Misra A., DIksha D., Agrawal Y., Palaparthy V.	2020 IEEE International Students' Conference on Electrical Electronics and Computer Science SCEECS 2020	2020	22.5
265	2020	Performance Prediction of Physical Computer Systems Using Simulation-Based Hardware Models	Mankodi A., Bhatt A., Chaudhury B.	2020 International Conference on High Performance Big Data and Intelligent Systems HPBD and IS 2020	2020	22.5
266	2020	Preface	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5
267	2020	Privacy-Preserving Scheme Against Inference Attack in Social Networks	Desai N., Das M.L.	Lecture Notes in Networks and Systems	2020	22.5
268	2020	Privc: Privacy Preserving Verifiable Computation	Gajera H., Das M.L.	2020 International Conference on COMmunication Systems and NETworkS COMSNETS 2020	2020	22.5
269	2020	Protocols for Authentication and Key Establishment	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5
270	2020	Protocols Using Shared Key Cryptography	Boyd C., Mathuria A., Stebila D.	Information Security and Cryptography	2020	22.5
271	2020	Qsecret-sharing scheme (Qss)-based keyless: Titanium secure (titaniumsec) email application	Haridas D., Shukla R., Prakash H.O., Rallapalli P.B., Sarma V., Venkatraman V.R., Shah H., Vaishnav H.	Advances in Intelligent Systems and Computing	2020	22.5
272	2020	Query specific graph-based query reformulation using UMLS for clinical information access	Sankhavara J., Dave R., Dave B., Majumder P.	Journal of Biomedical Informatics	2020	22.5
273	2020	Query-By-Example Spoken Term Detection Using Generative Adversarial Network	Shah N., Sreeraj R., Madhavi M.C., Shah N.J., Patil H.A.	2020 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference APSIPA ASC 2020 - Proceedings	2020	22.5
274	2020	Query-focused biomedical text summarization in BioASQ 8B	Sankhavara J., Majumder P.	CEUR Workshop Proceedings	2020	22.5
275	2020	Realtime Wireless Embedded Electronics for Soldier Security	Jethwa B., Panchasara M., Zanzarukiya A., Parekh R.	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics Computing and Communication Technologies	2020	22.5
276	2020	Regularities in stock markets	Kakkad A., Vasoya H., Ray A.K.	International Journal of Modern Physics C	2020	22.5
277	2020	Remote Structural Health Monitoring System for Bridges	Patel T., Jain A., Gameti D., Patel U., Parekh R.	2020 IEEE International Students' Conference on Electrical Electronics and Computer Science SCEECS 2020	2020	22.5

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278	2020	Secure and Privacy-Preserving RFID Authentication Scheme for Internet of Things Applications	Das M.L., Kumar P., Martin A.	Wireless Personal Communications	2020	22.5
279	2020	Signal integrity analysis of bundled carbon nanotubes as futuristic on-chip interconnects	Pathade T., Agrawal Y., Parekh R., Palaparthy V.	Materials Today: Proceedings	2020	22.5
280	2020	Significance of CMVN for Replay Spoof Detection	Patil A.T., Patil H.A.	2020 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference APSIPA ASC 2020 - Proceedings	2020	22.5
281	2020	Single-electron transistor: review in perspective of theory, modelling, design and fabrication	Rashmit Patel, Yash Agrawal and Rutu Parekh,	Microsystem Technologies	2020	22.5
282	2020	Soil Sensors-Based Prediction System for Plant Diseases Using Exploratory Data Analysis and Machine Learning	Manish Kumar, Ahlad Kumar, and Vinay S. Palaparthy,	IEEE Sensors Journal	2020	22.5
283	2020	Strategy for Designing Single Electron Transistors	Shah R., Parekh R., Dhavse R.	Communications in Computer and Information Science	2020	22.5
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