Kishore D Kulat

List of Publications by Year
in descending order

45 papers	495 citations	1163117 8 h-index	752698 20 g-index
47 all docs	47 docs citations	47 times ranked	464 citing authors

#	Article	IF	Citations
1	A Review on Hybrid Empirical Mode Decomposition Models for Wind Speed and Wind Power Prediction. Energies, 2019, 12, 254.	3.1	115
2	A Selective Literature Review on Leak Management Techniques for Water Distribution System. Water Resources Management, 2018, 32, 3247-3269.	3.9	77
3	A novel imputation methodology for time series based on pattern sequence forecasting. Pattern Recognition Letters, 2018, 116, 88-96.	4.2	54
4	Analysis of differencing and decomposition preprocessing methods for wind speed prediction. Applied Soft Computing Journal, 2018, 71, 926-938.	7.2	49
5	Robust Algorithms for DOA Estimation and Adaptive Beamforming for Smart Antenna Application. , 2009, , .		27
6	Hybrid Leakage Management for Water Network Using PSF Algorithm and Soft Computing Techniques. Water Resources Management, 2018, 32, 1133-1151.	3.9	23
7	Nodal Matrix Analysis for Optimal Pressure-Reducing Valve Localization in a Water Distribution System. Energies, 2020, 13, 1878.	3.1	16
8	SDR design for cognitive radio. , 2011, , .		13
9	A Novel and Alternative Approach for Direct and Indirect Wind-Power Prediction Methods. Energies, 2018, 11, 2923.	3.1	12
10	Video encoding techniques based on 3D-DWT. , 2014, , .		10
11	SDR Based Energy Detection Spectrum Sensing in Cognitive Radio for Real Time Video Transmission. Modelling and Simulation in Engineering, 2018, 2018, 1-10.	0.7	9
12	Object detection and tracking using 2D &#x2014; DWT and variance method. , 2014, , .		8
13	Energy efficient scalability of three level hexagonal heterogeneous broad transmission distance protocol (3Lâ€HEXAâ€HTBTDP) for WSNâ€IoT networks. International Journal of Communication Systems, 2018, 31, e3809.	2.5	7
14	Reduced Feedback Rate Schemes for Transmit Antenna Selection With Alamouti Coding. IEEE Access, 2018, 6, 10028-10040.	4.2	6
15	Scalable Energy Efficient Hexagonal Heterogeneous Broad Transmission Distance Protocol in WSN-IoT Networks. Journal of Electrical Engineering and Technology, 2020, 15, 95-120.	2.0	6
16	MATLAB Simulation of a Wireless Communication System using OFDM Principle. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2006, 23, 187-198.	3.2	5
17	Microstrip Patch Antenna Gain Enhancement using Near-zero Index Metamaterial Superstrate (NZIM) Tj ETQq1 1 0.784314 rgBT /Overl		5
18	Modified Combined DTC and FOC Based Control for Medium Voltage Induction Motor Drive in SVM Controlled DCMLI. EPE Journal (European Power Electronics and Drives Journal), 2013, 23, 23-32.	0.7	4

#	Article	IF	Citations
19	Comparative analysis of video compression mechanisms based on EZW coded 3D-DWT and AVI. , 2014, , .		4
20	MATLAB Simulation of a Fuzzy Controller for Attitude Control of a Geostationary Satellite. IETE Journal of Education Online, 2004, 45, 203-209.	0.6	3
21	A Chain Code Based Fuzzy Features for Brain MRI Retrieval. , 2012, , .		3
22	Energy efficient scalability of heterogeneous broad transmission distance protocol (HT-BTDP) in WSN for Internet-of-Things. , 2017, , .		3
23	A wideband wideâ€angle ultrathin low profile metamaterial microwave absorber. Microwave and Optical Technology Letters, 2018, 60, 799-801.	1.4	3
24	COMMENT ON "A WIDEBAND WIDE-ANGLE ULTRA-THIN METAMATERIAL MICROWAVE ABSORBER". Progress in Electromagnetics Research M, 2018, 65, 129-133.	0.9	3
25	DESIGN AND ANALYSIS OF COMPACT SINGLE AND DUAL NOTCH ULTRA WIDEBAND BANDPASS FILTER. Progress in Electromagnetics Research M, 2018, 75, 91-102.	0.9	3
26	Fast and Memory Efficient 3D-DWT Based Video Encoding Techniques with EZW Based Video Compression Mechanism. , 2015, , 397-412.		3
27	Morphological Segmentation Based Fuzzy Features for Retrieval of Brain MRI. IETE Journal of Research, 2011, 57, 331.	2.6	2
28	Comparative analysis of video compression mechanisms using 3D-DWT with EZW. , 2014, , .		2
29	A novel approach based on 2D - DWT and variance method for human detection and tracking in video surveillance applications. , 2014, , .		2
30	Audio compression using dynamic Huffman and RLE coding. , 2017, , .		2
31	Propagation Prediction Model for Land Mobile Communication in Microcellular Environment. International Journal of Computer Applications, 2013, 84, 38-41.	0.2	2
32	A Morphological Segmentation Based Features for Brain MRI Retrieval. , 2011, , .		1
33	A novel approach based on 2D &#x2014; DWT and variance method for human detection and tracking in video surveillance applications (An alternative approach for object detection). , 2014, , .		1
34	PNew approch for object detection and tracking using 2D - DWT. , 2014, , .		1
35	RemoteWSN: A novel technique for remotely visualizing connectivity in WSN working on a weight based routing algorithm. , 2015, , .		1
36	Scalability analysis of homogeneous broad transmission distance protocol (HM-BTDP) for energy efficient communication in wireless sensor networks. , 2016, , .		1

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37	Comment on â€œa compactultraâ€thin ultraâ€wideband microwave metamaterial absorberâ€. Microwave and Optical Technology Letters, 2018, 60, 1831-1834.	1.4	1
38	Energy Efficient Clustering of Statistically Distributed Heterogeneous Wireless Sensor Networks for Internet-of-Things. SSRN Electronic Journal, 0, , .	0.4	1
39	Design of Multiband Negative Permittivity Metamaterial Based on Interdigitated and Meander Line Resonator. , 2019, , .		1
40	OFDM Based Real Time Digital Video Transmission on SDR. Advances in Intelligent Systems and Computing, 2019, , 387-394.	0.6	1
41	High Performance WDM Using Semiconductor Tunable Laser. , 2009, , .		0
42	BER performance maintenance at high data rates in cognitive radio. , 2010, , .		0
43	Application of image processing for spray angle measurement of furnace oil gun nozzle. , 2012, , .		0
44	Study of OFDM system and performance investigation for various channel models. , 2012, , .		0
45	A study of influence of fast fading on the performance of mobile communication system. , 2015, , .		0