

Shihab A Jimaa

List of Publications by Year in descending order

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38
papers

288
citations

1307594

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1281871

11
g-index

38
all docs

38
docs citations

38
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	Multigroup classification of audio signals using time-frequency parameters. IEEE Transactions on Multimedia, 2005, 7, 308-315.	7.2	57
2	LTE-A an overview and future research areas. , 2011, , .		29
3	The impact of assessment on students learning. Procedia, Social and Behavioral Sciences, 2011, 28, 718-721.	0.5	22
4	Exact NLMS Algorithm with ℓ_p -Norm Constraint. IEEE Signal Processing Letters, 2015, 22, 366-370.	3.6	21
5	Fetal Cardiac Doppler Signal Processing Techniques: Challenges and Future Research Directions. Frontiers in Bioengineering and Biotechnology, 2017, 5, 82.	4.1	21
6	Technologies and networks supporting maritime wireless mesh communications. , 2013, , .		19
7	Ultra-dense LoRaWAN: Reviews and challenges. IET Communications, 2020, 14, 1361-1371.	2.2	19
8	An efficient and effective variable step size NLMS algorithm. , 2008, , .		14
9	Unsupervised Learning Clustering and Dynamic Transmission Scheduling for Efficient Dense LoRaWAN Networks. IEEE Access, 2020, 8, 191495-191509.	4.2	11
10	Use of Unsupervised Learning Clustering Algorithm to Reduce Collisions and Delay within LoRa System for Dense Applications. , 2019, , .		10
11	An Overview of Maritime Wireless Mesh Communication Technologies and Protocols. International Journal of Business Data Communications and Networking, 2014, 10, 1-29.	0.7	7
12	Sparse NLMS adaptive algorithms for multipath wireless channel estimation. , 2015, , .		6
13	Optimal Sparsity Tradeoff in ℓ_0 -NLMS Algorithm. IEEE Signal Processing Letters, 2016, 23, 1121-1125.	3.6	6
14	Fetal Cardiac Timing Events Estimation From Doppler Ultrasound Signals Using Swarm Decomposition. Frontiers in Physiology, 2019, 10, 789.	2.8	6
15	QPSO-based energy-aware clustering scheme in the capillary networks for Internet of Things systems. , 2016, , .		5
16	Convergence study of various non-quadratic adaptive algorithms in the equalization of impulsive DS-CDMA channel. , 2005, , .		4
17	Convergence Evaluation of a Variable Step-Size LMSE Adaptive Switching Algorithm. , 2008, , .		4
18	Robust interference suppression using a new LMS-based adaptive beamforming algorithm. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Leveraging the ℓ_1 -LS criterion for OFDM sparse wireless channel estimation. , 2015, , .		4
20	MIMO-OFDM system with impulsive noise reduction technique based on auto level Selection Mechanism. , 2013, , .		3
21	An analysis of uncovered area for camera sensor network in maritime environment. , 2013, , .		3
22	Full-view coverage quasi-mobile camera sensor network for maritime surveillance. , 2014, , .		3
23	Effect of realistic sea surface movements in achieving full-view coverage camera sensor network. International Journal of Communication Systems, 2016, 29, 1091-1115.	2.5	3
24	Adaptive sparsity tradeoff for ℓ_1 -constraint NLMS algorithm. , 2016, , .		3
25	Convergence performances of various adaptive filter algorithms with application to system identification. , 2011, , .		1
26	Impulsive noise reduction in MIMO-OFDM systems using adaptive receiver structures. , 2013, , .		1
27	An Efficient Cooperation Strategy and Cooperation Region Analysis in Cognitive Femtocell Networks. , 2014, , .		1
28	Performance Analysis of Various Massive MIMO Detection Algorithms in 5G Wireless Technologies. International Journal of Sensors, Wireless Communications and Control, 2021, 10, 1012-1022.	0.7	1
29	Nonlinear RLS algorithm for impulsive CDMA channels. , 2003, , .		0
30	On the Use of Joint Error-Norms Adaptive Algorithm in QPSK (DS-CDMA) System. , 2007, , .		0
31	Multichannel MAC for energy efficient home area networks. , 2013, , .		0
32	Impulsive Noise Mitigation in a MIMO-OFDM Communication System. , 2014, , .		0
33	Modal analysis of the ℓ_0 -LMS and ℓ_0 -NLMS sparse adaptive algorithms. , 2016, , .		0
34	Minimum mean square deviation in ZA-NLMS algorithm. , 2017, , .		0
35	Special issue on energy-efficient wireless communication networks with QoS. International Journal of Communication Systems, 2017, 30, e3017.	2.5	0
36	BER Performance of Various Algorithms in mMIMO Wireless Communications. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	An Overview of Maritime Wireless Mesh Communication Technologies and Protocols. , 2016, , 171-199.		0
38	Wireless Mesh Communication Technologies and Protocols for a Full-View Camera Sensor Network Used in Maritime Surveillance. Advances in Human Resources Management and Organizational Development Book Series, 2018, , 125-205.	0.3	0