Shihab A Jimaa

List of Publications by Year
in descending order

38 papers	288 citations	1307594 7 h-index	1281871 11 g-index
38 all docs	38 docs citations	38 times ranked	287 citing authors

#	Article	IF	Citations
1	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
2	Unsupervised Learning Clustering and Dynamic Transmission Scheduling for Efficient Dense LoRaWAN Networks. IEEE Access, 2020, 8, 191495-191509.	4.2	11
3	Ultra‐dense LoRaWAN: Reviews and challenges. IET Communications, 2020, 14, 1361-1371.	2.2	19
4	Fetal Cardiac Timing Events Estimation From Doppler Ultrasound Signals Using Swarm Decomposition. Frontiers in Physiology, 2019, 10, 789.	2.8	6
5	BER Performance of Various Algorithms in mMIMO Wireless Communications. , 2019, , .		0
6	Use of Unsupervised Learning Clustering Algorithm to Reduce Collisions and Delay within LoRa System for Dense Applications. , 2019, , .		10
7	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
8	Minimum mean square deviation in ZA-NLMS algorithm. , 2017, , .		0
9	Special issue on energy‐efficient wireless communication networks with QoS. International Journal of Communication Systems, 2017, 30, e3017.	2.5	0
10	Fetal Cardiac Doppler Signal Processing Techniques: Challenges and Future Research Directions. Frontiers in Bioengineering and Biotechnology, 2017, 5, 82.	4.1	21
11	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
12	Modal analysis of the ℓ_0-LMS and ℓ_0-NLMS sparse adaptive algorithms. , 2016, , .		0
13	QPSO-based energy-aware clustering scheme in the capillary networks for Internet of Things systems. , 2016, , .		5
14	Optimal Sparsity Tradeoff in ℓ_0-NLMS Algorithm. IEEE Signal Processing Letters, 2016, 23, 1121-1125.	3.6	6
15	Adaptive sparsity tradeoff for ℓ_1-constraint NLMS algorithm. , 2016, , .		3
16	An Overview of Maritime Wireless Mesh Communication Technologies and Protocols. , 2016, , 171-199.		0
17	Sparse NLMS adaptive algorithms for multipath wireless channel estimation. , 2015, , .		6
18	Leveraging the ℓ_1-LS criterion for OFDM sparse wireless channel estimation. , 2015, , .		4

#	Article	IF	Citations
19	Exact NLMS Algorithm with <formula formulatype="inline"> <tex Notation="TeX">${ell _p}$</tex></formula>-Norm Constraint. IEEE Signal Processing Letters, 2015, 22, 366-370.	3.6	21
20	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
21	An Efficient Cooperation Strategy and Cooperation Region Analysis in Cognitive Femtocell Networks. , 2014, , .		1
22	Impulsive Noise Mitigation in a MIMO-OFDM Communication System. , 2014, , .		0
23	Full-view coverage quasi-mobile camera sensor network for maritime surveillance. , 2014, , .		3
24	Robust interference suppression using a new LMS-based adaptive beamforming algorithm. , 2014, , .		4
25	Multichannel MAC for energy efficient home area networks. , 2013, , .		0
26	Technologies and networks supporting maritime wireless mesh communications. , 2013, , .		19
27	MIMO-OFDM system with impulsive noise reduction technique based on auto level Selection Mechanism. , 2013, , .		3
28	An analysis of uncovered area for camera sensor network in maritime environment. , 2013, , .		3
29	Impulsive noise reduction in MIMO-OFDM systems using adaptive receiver structures. , 2013, , .		1
30	Convergence performances of various adaptive filter algorithms with application to system identification. , 2011, , .		1
31	LTE-A an overview and future research areas. , 2011, , .		29
32	The impact of assessment on students learning. Procedia, Social and Behavioral Sciences, 2011, 28, 718-721.	0.5	22
33	Convergence Evaluation of a Variable Step-Size LMSE Adaptive Switching Algorithm. , 2008, , .		4
34	An efficient and effective variable step size NLMS algorithm. , 2008, , .		14
35	On the Use of Joint Error-Norms Adaptive Algorithm in QPSK (DS-CDMA) System. , 2007, , .		0
36	Convergence study of various non-quadratic adaptive algorithms in the equalization of impulsive DS-CDMA channel. , 2005, , .		4

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37	Multigroup classification of audio signals using time-frequency parameters. IEEE Transactions on Multimedia, 2005, 7, 308-315.	7.2	57
38	Nonlinear RLS algorithm for impulsive CDMA channels. , 2003, , .		0