Mohammed Yakoob Siyal

List of Publications by Year
in descending order

20 papers	154 citations	2258059 3 h-index	1872680 6 g-index
20 all docs	20 docs citations	20 times ranked	113 citing authors

#	Article	IF	Citations
1	mm-Wave Radar-Based Vital Signs Monitoring and Arrhythmia Detection Using Machine Learning. Sensors, 2022, 22, 3106.	3.8	20
2	A Deep Learning-Based Semantic Segmentation Architecture for Autonomous Driving Applications. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	1.2	2
3	A 2-D Radon Transformation for Enhancing the Detection and Imaging of Embedded Defects in Layered Composite Structures Using Millimeter-Wave System. IEEE Sensors Journal, 2020, 20, 7750-7760.	4.7	3
4	Granger causality: Comparative analysis of implementations for Gene Regulatory Networks. , 2014, , .		7
5	A Noisy Channel Tolerant Image Encryption Scheme. Wireless Personal Communications, 2014, 77, 2771-2791.	2.7	76
6	Spectral estimation algorithm for smart antenna system with modified ULA. , 2013, , .		1
7	Iterative adaptive spatial filtering for noise‐suppression in functional magnetic resonance imaging time‐series. International Journal of Imaging Systems and Technology, 2011, 21, 260-270.	4.1	3
8	A Perceptually Scalable and JPEG Compression Tolerant Image Encryption Scheme. , 2010, , .		16
9	A region homogeneity approach to overcome the ill-balanced data problem in functional MRI clustering analysis. , 2009, , .		0
10	A robust image encryption scheme using state-feedback control. , 2009, , .		1
11	Noise suppression in functional MRI data using anisotropic spatial averaging. , 2009, , .		1
12	Overcoming the ill-balanced data problem in functional MRI clustering analysis. , 2009, , .		2
13	Iterative adaptive filtering for random noise reduction in functional MRI time-series. , 2009, , .		0
14	Random noise suppression in fMRI time-series using modified spectral subtraction. , 2008, , .		0
15	Delay computation for real-time synchronization of speech and its converted text. , 2007, , .		0
16	Image authentication using soft hashing technique. , 2007, , .		0
17	A Robust and Secure Signature Scheme for Video Authentication. , 2007, , .		5
18	An adaptive smoothing technique for random noise suppression in fMRI data. , 2007, , .		2

#	Article	IF	Citations
19	A Secure and Robust DCT-Based Hashing Scheme for Image Authentication. , 2006, , .		3
20	Improvement on Higher-Order Neural Networks for Invariant Object Recognition. Neural Processing Letters, 1999, 10, 49-55.	3.2	12