

Wasim Q Malik

List of Publications by Year in descending order

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26
papers

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687363

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27
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation of Subcutaneous Fat From Muscle in Surface Electrical Impedance Myography Measurements Using Model Component Analysis. IEEE Transactions on Biomedical Engineering, 2019, 66, 354-364.	4.2	17
2	A Novel Hybrid BCI Web Browser Based on SSVEP and Eye-Tracking. , 2019, , .		3
3	Modulation Depth Estimation and Variable Selection in State-Space Models for Neural Interfaces. IEEE Transactions on Biomedical Engineering, 2015, 62, 570-581.	4.2	12
4	Intra-day signal instabilities affect decoding performance in an intracortical neural interface system. Journal of Neural Engineering, 2013, 10, 036004.	3.5	180
5	Functional Biases in Visual Cortex Neurons with Identified Projections to Higher Cortical Targets. Current Biology, 2012, 22, 269-277.	3.9	31
6	Denoising Two-Photon Calcium Imaging Data. PLoS ONE, 2011, 6, e20490.	2.5	27
7	Efficient Decoding With Steady-State Kalman Filter in Neural Interface Systems. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2011, 19, 25-34.	4.9	88
8	Modeling two-photon calcium fluorescence of episodic V1 recordings using multifrequency analysis. , 2011, 2011, 3016-9.		0
9	On Space-Frequency Correlation of UWB MIMO Channels. IEEE Transactions on Vehicular Technology, 2010, 59, 4201-4213.	6.3	13
10	MIMO capacity convergence in frequency-selective channels. IEEE Transactions on Communications, 2009, 57, 353-356.	7.8	11
11	A Low-Complexity Receive-Antenna-Selection Algorithm for MIMO-OFDM Wireless Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 2793-2802.	6.3	22
12	Analysis of Realistic Ultrawideband Indoor Communication Channels by Using an Efficient Ray-Tracing Based Method. IEEE Transactions on Antennas and Propagation, 2009, 57, 777-785.	5.1	51
13	Spatial correlation in ultrawideband channels. IEEE Transactions on Wireless Communications, 2008, 7, 604-610.	9.2	38
14	Affine restoration decoding for MIMO-OFDM ultrawideband communications. , 2008, , .		0
15	High Resolution 3-D Angle of Arrival Determination for Indoor UWB Multipath Propagation. IEEE Transactions on Wireless Communications, 2008, 7, 3047-3055.	9.2	46
16	A low complexity user scheduling algorithm for uplink multiuser MIMO systems. IEEE Transactions on Wireless Communications, 2008, 7, 2486-2491.	9.2	28
17	UWB Impulse Radio with Triple-Polarization SIMO. , 2007, , .		6
18	Three-Dimensional Equalization of Ultrawideband Antenna Distortion. , 2007, , .		4

#	ARTICLE	IF	CITATIONS
19	An Efficient Ray Tracing Propagation Simulator for Analyzing Ultrawideband Channels. , 2007, , .		2
20	Impact of Bandwidth on Small-Scale Fade Depth. , 2007, , .		13
21	Joint Antenna and User Selection Algorithm for Uplink of Multiuser MIMO Systems using Sequential Monte Carlo Optimization. , 2007, , .		11
22	Frequency Dependence of Fading Statistics for Ultrawideband Systems. IEEE Transactions on Wireless Communications, 2007, 6, 800-804.	9.2	24
23	Measured MIMO Capacity and Diversity Gain With Spatial and Polar Arrays in Ultrawideband Channels. IEEE Transactions on Communications, 2007, 55, 2361-2370.	7.8	46
24	Concatenated RS-Convolutional Codes for Ultrawideband Multiband-OFDM. , 2006, , .		15
25	A Simple Adaptive Beamformer for Ultrawideband Wireless Systems. , 2006, , .		7
26	Frequency-Dependent Pathloss in the Ultrawideband Indoor Channel. , 2006, , .		7