Eleftherios Kofidis

List of Publications by Year
in descending order

61 papers	1,246 citations	686830 13 h-index	525886 27 g-index
62 all docs	62 docs citations	62 times ranked	783 citing authors

#	Article	IF	Citations
1	On the Best Rank-1 Approximation of Higher-Order Supersymmetric Tensors. SIAM Journal on Matrix Analysis and Applications, 2002, 23, 863-884.	0.7	299
2	Preamble-based channel estimation in OFDM/OQAM systems: A review. Signal Processing, 2013, 93, 2038-2054.	2.1	206
3	MIMO Signal Processing in Offset-QAM Based Filter Bank Multicarrier Systems. IEEE Transactions on Signal Processing, 2016, 64, 5733-5762.	3.2	96
4	Preamble-Based Channel Estimation for CP-OFDM and OFDM/OQAM Systems: A Comparative Study. IEEE Transactions on Signal Processing, 2010, 58, 2911-2916.	3.2	68
5	Monotonic convergence of fixed-point algorithms for ICA. IEEE Transactions on Neural Networks, 2003, 14, 943-949.	4.8	50
6	Blind fMRI source unmixing via higher-order tensor decompositions. Journal of Neuroscience Methods, 2019, 315, 17-47.	1.3	44
7	Preamble-based channel estimation in MIMO-OFDM/OQAM systems. , 2011, , .		38
8	Preamble-Based Estimation of Highly Frequency Selective Channels in FBMC/OQAM Systems. IEEE Transactions on Signal Processing, 2017, 65, 1855-1868.	3.2	36
9	On Training Optimization for Estimation of Correlated MIMO Channels in the Presence of Multiuser Interference. IEEE Transactions on Signal Processing, 2008, 56, 4892-4904.	3.2	35
10	Nonlinear adaptive filters for speckle suppression in ultrasonic images. Signal Processing, 1996, 52, 357-372.	2.1	25
11	Wavelet-based medical image compression. Future Generation Computer Systems, 1999, 15, 223-243.	4.9	21
12	On the perfect reconstruction problem in N-band multirate maximally decimated FIR filter banks. IEEE Transactions on Signal Processing, 1996, 44, 2439-2455.	3.2	19
13	Channel estimation in filter bank-based multicarrier systems: Challenges and solutions. , 2014, , .		19
14	Fusion of EEG and fMRI via Soft Coupled Tensor Decompositions. , 2018, , .		19
15	A Novel Efficient Cluster-Based MLSE Equalizer for Satellite Communication Channels with-QAM Signaling. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.0	17
16	Semi-blind maximum-likelihood joint channel/data estimation for correlated channels in multiuser MIMO networks. Signal Processing, 2010, 90, 1209-1224.	2.1	17
17	Adaptive BLAST decision-feedback equalizer for MIMO-FBMC/OQAM systems. , 2010, , .		16
18	Short preamble-based estimation of highly frequency selective channels in FBMC/OQAM. , 2014, , .		15

#	Article	IF	Citations
19	Preamble-based channel estimation in asynchronous FBMC-OQAM distributed MIMO systems. , 2015, , .		14
20	Emojis influence autobiographical memory retrieval from reading words: An fMRI-based study. PLoS ONE, 2020, 15, e0234104.	1.1	14
21	Block-Term Tensor Decomposition: Model Selection and Computation. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 464-475.	7.3	13
22	Higher-Order Block Term Decomposition for Spatially Folded fMRI Data. Lecture Notes in Computer Science, 2017, , 3-15.	1.0	13
23	Joint channel estimation / data detection in MIMO-FBMC/OQAM systems â€" A tensor-based approach. , 2017, , .		12
24	Coupled matrix-tensor factorizations â€" The case of partially shared factors. , 2017, , .		12
25	Training-based estimation of correlated MIMO fading channels in the presence of colored interference. Signal Processing, 2007, 87, 2177-2187.	2.1	11
26	Early soft and flexible fusion of electroencephalography and functional magnetic resonance imaging via double coupled matrix tensor factorization for multisubject group analysis. Human Brain Mapping, 2022, 43, 1231-1255.	1.9	11
27	Pilot-based channel estimation for FBMC/OQAM systems under strong frequency selectivity. , 2016, , .		10
28	On optimal multi-symbol preambles for highly frequency selective FBMC/OQAM channel estimation. , 2015, , .		9
29	Generalized optimal pilot allocation for channel estimation in multicarrier systems. , 2016, , .		9
30	Block-Term Tensor Decomposition Model Selection and Computation: The Bayesian Way. IEEE Transactions on Signal Processing, 2022, 70, 1704-1717.	3.2	9
31	PARAFAC2 and its block term decomposition analog for blind fMRI source unmixing. , 2017, , .		6
32	Coupled tensor decompositions for data fusion. , 2022, , 341-370.		6
33	Channel Tracking for RIS-Enabled Multi-User SIMO Systems in Time-Varying Wireless Channels. , 2022, , .		6
34	On the least-squares performance of a novel efficient center estimation method for clustering-based MLSE equalization. IEEE Transactions on Signal Processing, 2006, 54, 1459-1471.	3.2	5
35	Online Rank-Revealing Block-Term Tensor Decomposition. , 2021, , .		5
36	Rank-Revealing Block-Term Decomposition for Tensor Completion. , 2021, , .		4

#	Article	IF	Citations
37	A Tensor-Based Approach to Joint Channel Estimation/Data Detection in Flexible Multicarrier MIMO Systems. IEEE Transactions on Signal Processing, 2020, 68, 3179-3193.	3.2	4
38	Mirror-image symmetric perfect-reconstruction FIR filter banks: Parametrization and design. Signal Processing, 1998, 68, 1-21.	2.1	3
39	Training-Based Estimation of Correlated MIMO Fading Channels in the Presence of Colored Interference. , 2007, , .		3
40	Preamble-based channel estimation in single-relay networks using FBMC/OQAM. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.0	3
41	Block-Term Tensor Decomposition: Model Selection and Computation. , 2021, , .		3
42	An efficient low complexity cluster-based MLSE equalizer for frequency-selective fading channels. IEEE Transactions on Wireless Communications, 2006, 5, 705-711.	6.1	2
43	A low-cost approach to training-based MIMO channel estimation in interference-limited environments. , 2007, , .		2
44	Optimal training design for channel estimation in OFDM/OQAM cooperative systems. , 2013, , .		2
45	FBMC Channel Estimation Techniques. , 2017, , 257-297.		2
46	Tensor-based Blind fMRI Source Separation Without the Gaussian Noise Assumption â€" A Î²-Divergence Approach. , 2019, , .		2
47	Filter bankâ€based multiple access in nextâ€generation satellite uplinks: A DVBâ€RCS2â€based experimental study. International Journal of Satellite Communications and Networking, 2020, 38, 382-394.	1.2	2
48	Joint CFO and highly frequency selective channel estimation in FBMC/OQAM systems. , 2022, 128, 103629.		2
49	Designing N-band biorthogonal FIR systems given several of the analysis and synthesis filters. Signal Processing, 2005, 85, 1335-1351.	2.1	1
50	Adaptive BLAST-type decision-feedback equalizers for DS-CDMA systems. Signal Processing, 2012, 92, 977-988.	2.1	1
51	Filter Bank-based Multiple Access in Next Generation Satellite Uplinks: A DVB-RCS2-based Experimental Study. , 2019, , .		1
52	A Bayesian Approach to Block-Term Tensor Decomposition Model Selection and Computation. , 2021, , .		1
53	Semi-Blind Maximum Likelihood Joint Channel Estimation / Data Detection for MIMO Fading Channels. , 2006, , .		0
54	FBMC Distributed and Cooperative Systems. , 2017, , 421-440.		0

#	Article	IF	Citations
55	MIMO-FBMC Receivers. , 2017, , 375-406.		0
56	Emojis influence autobiographical memory retrieval from reading words: An fMRI-based study. , 2020, 15, e0234104.		0
57	Emojis influence autobiographical memory retrieval from reading words: An fMRI-based study. , 2020, 15, e0234104.		0
58	Emojis influence autobiographical memory retrieval from reading words: An fMRI-based study. , 2020, 15, e0234104.		0
59	Emojis influence autobiographical memory retrieval from reading words: An fMRI-based study. , 2020, 15, e0234104.		0
60	Emojis influence autobiographical memory retrieval from reading words: An fMRI-based study. , 2020, 15, e0234104.		0
61	Emojis influence autobiographical memory retrieval from reading words: An fMRI-based study. , 2020, 15, e0234104.		0