

Konstantinos Pelekanakis

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

553
citations

1163117

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1199594

12
g-index

24
all docs

24
docs citations

24
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative robotic networks for underwater surveillance: an overview. IET Radar, Sonar and Navigation, 2017, 11, 1740-1761.	1.8	104
2	Adaptive Sparse Channel Estimation under Symmetric alpha-Stable Noise. IEEE Transactions on Wireless Communications, 2014, 13, 3183-3195.	9.2	90
3	New Sparse Adaptive Algorithms Based on the Natural Gradient and the $\{L\}_0$ -Norm. IEEE Journal of Oceanic Engineering, 2013, 38, 323-332.	3.8	69
4	Toward the Development of Secure Underwater Acoustic Networks. IEEE Journal of Oceanic Engineering, 2017, 42, 1075-1087.	3.8	51
5	Robust Equalization of Mobile Underwater Acoustic Channels. IEEE Journal of Oceanic Engineering, 2015, 40, 775-784.	3.8	39
6	Sparse Direct Adaptive Equalization for Single-Carrier MIMO Underwater Acoustic Communications. IEEE Journal of Oceanic Engineering, 2020, 45, 1622-1631.	3.8	32
7	Comparison of sparse adaptive filters for underwater acoustic channel equalization/Estimation. , 2010, , .		28
8	Exploiting Space-Time-Frequency Diversity With MIMO-OFDM for Underwater Acoustic Communications. IEEE Journal of Oceanic Engineering, 2011, 36, 502-513.	3.8	28
9	Decision tree-based adaptive modulation for underwater acoustic communications. , 2016, , .		25
10	On Adaptive Modulation for low SNR Underwater Acoustic Communications. , 2018, , .		23
11	A Simulation Study for Long-Range Underwater Acoustic Networks in the High North. IEEE Journal of Oceanic Engineering, 2019, 44, 850-864.	3.8	12
12	An Adaptive Cross-layer Routing Protocol for Underwater Acoustic Networks. , 2018, , .		11
13	An algorithm for sparse underwater acoustic channel identification under symmetric α -Stable noise. , 2011, , .		7
14	Robust Channel Parameters for Crypto Key Generation in Underwater Acoustic Systems. , 2019, , .		7
15	Performance Analysis of Underwater Acoustic Communications in Barrow Strait. IEEE Journal of Oceanic Engineering, 2021, 46, 1438-1449.	3.8	7
16	A Modem Design for Underwater Acoustic Networking in the High North. , 2018, , .		5
17	Statistical Bit Error Trace Modeling of Acoustic Communication Links Using Decision Feedback Equalization. IEEE Journal of Oceanic Engineering, 2013, 38, 785-795.	3.8	4
18	A class of affine projection filters that exploit sparseness under symmetric alpha-Stable noise. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	Optimizing Adaptive Communications in Underwater Acoustic Networks. , 2019, , .		3
20	Time-domain equalization for underwater acoustic OFDM systems with insufficient Cyclic Prefix. , 2011, , .		2
21	A Geometry-Based Game Theoretical Model of Blind and Reactive Underwater Jamming. IEEE Transactions on Wireless Communications, 2022, 21, 3737-3751.	9.2	2
22	Underwater Communications and Networking. Journal of Electrical and Computer Engineering, 2012, 2012, 1-2.	0.9	1
23	A channel-estimate-based decision feedback equalizer robust under impulsive noise. , 2014, , .		0