

Georgios Sklivanitis

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

399
citations

1937685

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citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Graph Localization for Underwater Acoustic Networks. , 2021, , .		1
2	Optimal Joint Channel Estimation and Data Detection by L1-norm PCA for Streetscape IoT. , 2020, , .		1
3	Autonomous Plankton Classification from Reconstructed Holographic Imagery by L1- PCA-assisted Convolutional Neural Networks. , 2020, , .		0
4	Towards Wireless Controlled Underwater Vehicles. , 2020, , .		0
5	Dynamic Joint PHY-MAC Waveform Design for IoT Connectivity. , 2019, , .		2
6	Beacon-assisted Underwater Localization by L1-norm Space-Time Tensor Subspaces. , 2019, , .		1
7	Directional Space-Time Waveform Design for Interference-Avoiding MIMO Configurations. , 2019, , .		2
8	Tensor Data Conformity Evaluation for Interference-Resistant Localization. , 2019, , .		2
9	Design and Experimental Evaluation of an Active Underwater Inflatable Co-prime Sonar Array (UICSA). , 2019, , .		2
10	L1-Norm Principal-Component Analysis of Complex Data. IEEE Transactions on Signal Processing, 2018, 66, 3256-3267.	5.3	44
11	A High-Rate Software-Defined Underwater Acoustic Modem With Real-Time Adaptation Capabilities. IEEE Access, 2018, 6, 18602-18615.	4.2	71
12	All-spectrum Digital Waveform Design via Bit Flipping. , 2018, , .		3
13	Semi-Blind Signal Recovery in Impulsive Noise with L1-Norm PCA. , 2018, , .		3
14	Sparse Waveform Design for Secure LPD/LPI Underwater Acoustic Communications. , 2018, , .		2
15	Small-Sample-Support Channel Estimation for Massive MIMO Systems. , 2018, , .		2
16	Short Data Record Filtering for Adaptive Underwater Acoustic Communications. , 2018, , .		3
17	Airborne Cognitive Networking: Design, Development, and Deployment. IEEE Access, 2018, 6, 47217-47239.	4.2	24
18	Adaptive sparse-binary waveform design for all-spectrum channelization. Proceedings of SPIE, 2017, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	Sparse waveform design for all-spectrum channelization. , 2017, , .		3
20	Underwater acoustic communications using quasi-orthogonal chirps. , 2017, , .		1
21	Distributed MIMO Underwater Systems: Receiver Design and Software-Defined Testbed Implementation. , 2016, , .		7
22	Addressing next-generation wireless challenges with commercial software-defined radio platforms. , 2016, 54, 59-67.		31
23	All-Spectrum Cognitive Channelization around Narrowband and Wideband Primary Stations. , 2015, , .		16
24	Demo: ROCH. , 2015, , .		2
25	RcUBe: Real-time reconfigurable radio framework with self-optimization capabilities. , 2015, , .		14
26	Software-defined underwater acoustic networks: toward a high-rate real-time reconfigurable modem. , 2015, 53, 64-71.		93
27	Design of A Software-defined Underwater Acoustic Modem with Real-time Physical Layer Adaptation Capabilities. , 2014, , .		30
28	Receiver configuration and testbed development for underwater cognitive channelization. , 2014, , .		20
29	Reachback WSN Connectivity: Non-Coherent Zero-Feedback Distributed Beamforming or TDMA Energy Harvesting?. IEEE Transactions on Wireless Communications, 2014, 13, 4923-4934.	9.2	4
30	All-Spectrum Cognitive Channelization around Narrowband and Wideband Primary Stations. , 2014, , .		0
31	Building a Low-Cost Digital Garden as a Telecom Lab Exercise. IEEE Pervasive Computing, 2013, 12, 48-57.	1.3	3
32	Testbed for non-coherent zero-feedback distributed beamforming. , 2013, , .		8
33	Testing zero-feedback distributed beamforming with a low-cost SDR testbed. , 2011, , .		4