Georgios Sklivanitis

List of Publications by Year
in descending order

33 papers	399 citations	1937685 4 h-index	2053705 5 g-index
34 all docs	34 docs citations	34 times ranked	371 citing authors

#	Article	IF	Citations
1	Software-defined underwater acoustic networks: toward a high-rate real-time reconfigurable modem. , 2015, 53, 64-71.		93
2	A High-Rate Software-Defined Underwater Acoustic Modem With Real-Time Adaptation Capabilities. IEEE Access, 2018, 6, 18602-18615.	4.2	71
3	L1-Norm Principal-Component Analysis of Complex Data. IEEE Transactions on Signal Processing, 2018, 66, 3256-3267.	5.3	44
4	Addressing next-generation wireless challenges with commercial software-defined radio platforms. , 2016, 54, 59-67.		31
5	Design of A Software-defined Underwater Acoustic Modem with Real-time Physical Layer Adaptation Capabilities. , 2014, , .		30
6	Airborne Cognitive Networking: Design, Development, and Deployment. IEEE Access, 2018, 6, 47217-47239.	4.2	24
7	Receiver configuration and testbed development for underwater cognitive channelization. , 2014, , .		20
8	All-Spectrum Cognitive Channelization around Narrowband and Wideband Primary Stations. , 2015, , .		16
9	RcUBe: Real-time reconfigurable radio framework with self-optimization capabilities. , 2015, , .		14
10	Testbed for non-coherent zero-feedback distributed beamforming. , 2013, , .		8
11	Distributed MIMO Underwater Systems: Receiver Design and Software-Defined Testbed Implementation. , 2016, , .		7
12	Testing zero-feedback distributed beamforming with a low-cost SDR testbed. , 2011, , .		4
13	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
14	Building a Low-Cost Digital Garden as a Telecom Lab Exercise. IEEE Pervasive Computing, 2013, 12, 48-57.	1.3	3
15	Sparse waveform design for all-spectrum channelization. , 2017, , .		3
16	All-spectrum Digital Waveform Design via Bit Flipping. , 2018, , .		3
17	Semi-Blind Signal Recovery in Impulsive Noise with L1-Norm PCA. , 2018, , .		3
18	Short Data Record Filtering for Adaptive Underwater Acoustic Communications. , 2018, , .		3

#	Article	IF	Citations
19	Demo: ROCH. , 2015, , .		2
20	Sparse Waveform Design for Secure LPD/LPI Underwater Acoustic Communications. , 2018, , .		2
21	Small-Sample-Support Channel Estimation for Massive Mimo Systems. , 2018, , .		2
22	Dynamic Joint PHY-MAC Waveform Design for IoT Connectivity. , 2019, , .		2
23	Directional Space-Time Waveform Design for Interference-Avoiding MIMO Configurations. , 2019, , .		2
24	Tensor Data Conformity Evaluation for Interference-Resistant Localization. , 2019, , .		2
25	Design and Experimental Evaluation of an Active Underwater Inflatable Co-prime Sonar Array (UICSA). , 2019, , .		2
26	Underwater acoustic communications using quasi-orthogonal chirps. , 2017, , .		1
27	Beacon-assisted Underwater Localization by L1-norm Space-Time Tensor Subspaces. , 2019, , .		1
28	Optimal Joint Channel Estimation and Data Detection by L1-norm PCA for Streetscape IoT. , 2020, , .		1
29	Robust Graph Localization for Underwater Acoustic Networks. , 2021, , .		1
30	All-Spectrum Cognitive Channelization around Narrowband and Wideband Primary Stations. , 2014, , .		0
31	Adaptive sparse-binary waveform design for all-spectrum channelization. Proceedings of SPIE, 2017, , .	0.8	0
32	Autonomous Plankton Classification from Reconstructed Holographic Imagery by L1- PCA-assisted Convolutional Neural Networks. , 2020, , .		0
33	Towards Wireless Controlled Underwater Vehicles. , 2020, , .		0