Milica Stojanovic

List of Publications by Year
in descending order

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57 papers	2,778 citations	394421 19 h-index	477307 29 g-index
57 all docs	57 docs citations	57 times ranked	1887 citing authors

#	Article	IF	Citations
1	Delay-Tolerant Distributed Inference in Tracking Networks. Sensors, 2021, 21, 5747.	3.8	0
2	Differential orthogonal frequency division multiplexing communication in water pipeline channels. Journal of the Acoustical Society of America, 2020, 148, EL130-EL134.	1.1	6
3	Grouped Packet Coding: A Method for Reliable Communication Over Fading Channels With Long Delays. IEEE Journal of Oceanic Engineering, 2019, 44, 1253-1263.	3.8	4
4	Comprehensive Survey of Galvanic Coupling and Alternative Intra-Body Communication Technologies. IEEE Communications Surveys and Tutorials, 2019, 21, 1145-1164.	39.4	39
5	The SEANet Project: Toward a Programmable Internet of Underwater Things. , 2018, , .		24
6	Delay-Constrained Energy Optimization in High-Latency Sensor Networks. IEEE Sensors Journal, 2017, 17, 4287-4298.	4.7	10
7	Low Complexity Residual Doppler Shift Estimation for Underwater Acoustic Multicarrier Communication. IEEE Transactions on Signal Processing, 2017, 65, 2063-2076.	5.3	24
8	Joint Power and Rate Control for Packet Coding Over Fading Channels. IEEE Journal of Oceanic Engineering, 2017, 42, 697-710.	3.8	16
9	Testbed-based performance evaluation of handshake-free MAC protocols for underwater acoustic sensor networks. , 2016, , .		6
10	Collision Tolerant and Collision Free Packet Scheduling for Underwater Acoustic Localization. IEEE Transactions on Wireless Communications, 2015, 14, 2584-2595.	9.2	25
11	Experimental assessment of human-body-like tissue as a communication channel for galvanic coupling. , 2015, , .		6
12	Differentially Coherent Multichannel Detection of Acoustic OFDM Signals. IEEE Journal of Oceanic Engineering, 2015, 40, 251-268.	3.8	125
13	Hierarchical underwater acoustic sensor networks with (virtual) transmit/receive arrays. Transactions on Emerging Telecommunications Technologies, 2014, 25, 530-538.	3.9	1
14	Random linear packet coding: Joint power and rate control. , 2014, , .		0
15	Estimation and tracking of time-varying channels in OFDM systems. , 2014, , .		6
16	Packet scheduling for underwater acoustic sensor network localization. , 2014, , .		2
17	CAPTURE: A Communications Architecture for Progressive Transmission via Underwater Relays With Eavesdropping. IEEE Journal of Oceanic Engineering, 2014, 39, 120-130.	3.8	20
18	Adaptive OFDM Modulation for Underwater Acoustic Communications: Design Considerations and Experimental Results. IEEE Journal of Oceanic Engineering, 2014, 39, 357-370.	3.8	176

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19	A node discovery protocol for ad hoc underwater acoustic networks. Wireless Communications and Mobile Computing, 2013, 13, 277-295.	1.2	8
20	Random Access Compressed Sensing over Fading and Noisy Communication Channels. IEEE Transactions on Wireless Communications, 2013, 12, 2114-2125.	9.2	42
21	On the Effects of Frequency Scaling Over Capacity Scaling in Underwater Networksâ€"Part I: Extended Network Model. Wireless Personal Communications, 2013, 71, 1683-1700.	2.7	6
22	On the Effects of Frequency Scaling Over Capacity Scaling in Underwater Networksâ€"Part II: Dense Network Model. Wireless Personal Communications, 2013, 71, 1701-1719.	2.7	15
23	Statistical Characterization and Computationally Efficient Modeling of a Class of Underwater Acoustic Communication Channels. IEEE Journal of Oceanic Engineering, 2013, 38, 701-717.	3.8	441
24	Multiple-Resampling Receiver Design for OFDM Over Doppler-Distorted Underwater Acoustic Channels. IEEE Journal of Oceanic Engineering, 2013, 38, 333-346.	3.8	85
25	Energy optimization with delay constraints in Underwater Acoustic Networks. , 2013, , .		10
26	Information-Theoretic Analysis of Underwater Acoustic OFDM Systems in Highly Dispersive Channels. Journal of Electrical and Computer Engineering, 2012, 2012, 1-15.	0.9	11
27	Random linear packet coding for high speed acoustic communication: An experimental analysis. , 2012, , .		8
28	Performance analysis of underwater acoustic random access networks. , 2012, , .		7
29	Optimized Packet Size Selection in Underwater Wireless Sensor Network Communications. IEEE Journal of Oceanic Engineering, 2012, 37, 321-337.	3.8	57
30	Selective decision directed channel estimation for OFDM communications over multipath Rician fading channels. , 2012, , .		3
31	Underwater sensor networks: applications, advances and challenges. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 158-175.	3.4	630
32	On Coding for Delayâ€"Network Coding for Time-Division Duplexing. IEEE Transactions on Information Theory, 2012, 58, 2330-2348.	2.4	57
33	OFDMA for underwater acoustic communications. , 2011, , .		11
34	Hierarchical underwater acoustic sensor networks with (virtual) transmit/receive arrays. , 2011, , .		0
35	Adaptive OFDM for underwater acoustic channels with limited feedback. , 2011, , .		8
36	Selective decision directed channel estimation for UWA OFDM systems. , 2011, , .		8

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37	Adaptive power control for underwater acoustic communications. , 2011, , .		25
38	Modeling the large scale transmission loss in underwater acoustic channels. , 2011, , .		32
39	Channel prediction for adaptive modulation in underwater acoustic communications. , 2011, , .		23
40	A node discovery protocol for ad hoc underwater acoustic networks. , 2011, , .		4
41	Capacity of OFDM Systems Over Fading Underwater Acoustic Channels. IEEE Journal of Oceanic Engineering, 2011, 36, 514-524.	3.8	48
42	Random Access Compressed Sensing for Energy-Efficient Underwater Sensor Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 1660-1670.	14.0	133
43	Design and Performance Analysis of Underwater Acoustic Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 2012-2021.	14.0	78
44	Communication protocols for underwater data collection using a robotic sensor network. , 2011, , .		20
45	On Joint Frequency and Power Allocation in a Cross-Layer Protocol for Underwater Acoustic Networks. IEEE Journal of Oceanic Engineering, 2010, 35, 936-947.	3.8	82
46	Communication theoretic analysis of underwater ad-hoc networks in the presence of interference. , 2010, , .		1
47	Capacity of MIMO systems in shallow water acoustic channels. , 2010, , .		12
48	Clustered underwater ad-hoc networks in the presence of interference. , 2010, , .		1
49	On the effects of node density and duty cycle on energy efficiency in underwater networks. , 2010, , .		12
50	Clustered multihop transmission in underwater acoustic ad-hoc networks. , 2010, , .		4
51	Performance of Underwater Ad-Hoc Networks. , 2010, , .		3
52	MIMO-OFDM for High-Rate Underwater Acoustic Communications. IEEE Journal of Oceanic Engineering, 2009, 34, 634-644.	3.8	301
53	Adaptive Channel Estimation for Underwater Acoustic MIMO OFDM Systems. , 2009, , .		14
54	Performance analysis of filtered multitone modulation systems for underwater communication. , 2009, , .		10

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55	Guest Editorial - Underwater Wireless Communication Networks. IEEE Journal on Selected Areas in Communications, 2008, 26, 1617-1619.	14.0	25
56	Efficient Channel-Estimation-Based Multiuser Detection for Underwater CDMA Systems. IEEE Journal of Oceanic Engineering, 2008, 33, 502-512.	3.8	39
57	Performance of antenna diversity multiuser receivers in CDMA channels with imperfect fading estimation. Wireless Personal Communications, 1996, 3, 91-110.	2.7	14