

Stéphane Blouin

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

119
citations

1937685

4
h-index

1720034

7
g-index

18
all docs

18
docs citations

18
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	A Computationally Efficient Connectivity Index for Weighted Directed Graphs With Application to Underwater Sensor Networks. IEEE Access, 2022, 10, 54822-54832.	4.2	0
2	Estimation of the Connectivity of Random Graphs Through Q-Learning Techniques. IEEE Journal of Radio Frequency Identification, 2022, 6, 318-331.	2.3	2
3	Performance Analysis of Underwater Acoustic Communications in Barrow Strait. IEEE Journal of Oceanic Engineering, 2021, 46, 1438-1449.	3.8	7
4	Performance of an Underwater Communication System in a Sea Trial Done in the Canadian Arctic. , 2021, , .		5
5	Expected Convergence Rate to Consensus in Asymmetric Networks: Analysis and Distributed Estimation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 972-987.	9.3	3
6	Impact of Sensor Network Topology on Acoustic Communications for Protecting Marine Mammals. , 2019, , .		5
7	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
8	Lifetime Optimization and Connectivity Control in Asymmetric Networks. , 2019, , .		1
9	Connectivity, Transmission Power, and Lifetime Optimization in Asymmetric Networks: A Distributed Approach. IEEE Access, 2018, 6, 69492-69515.	4.2	3
10	An Adaptive Cross-layer Routing Protocol for Underwater Acoustic Networks. , 2018, , .		11
11	A Modem Design for Underwater Acoustic Networking in the High North. , 2018, , .		5
12	Connectivity Assessment of Random Directed Graphs with Application to Underwater Sensor Networks. IEEE Transactions on Control Systems Technology, 2017, 25, 1457-1464.	5.2	10
13	Toward hardware-driven simulation of underwater acoustic propagation and communication with Arctic ice, wind waves, and currents. , 2015, , .		4
14	Distributed consensus control of unicycle agents in the presence of external disturbances. Systems and Control Letters, 2015, 82, 86-90.	2.3	31
15	A Computationally Efficient Connectivity Measure for Random Graphs. , 2014, , .		1
16	Global network connectivity assessment via local data exchange for underwater acoustic sensor networks. , 2013, , .		15
17	Adaptable design for long range underwater communications. Wireless Networks, 0, , .	3.0	3