

Marek Doniec

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

576
citations

1684188

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h-index

1720034

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g-index

13
all docs

13
docs citations

13
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the indoor magnetic field for applications in Localization and Mapping. , 2012, , .		79
2	Magnetic maps of indoor environments for precise localization of legged and non-legged locomotion. , 2013, , .		75
3	Simultaneous Localization and Mapping for pedestrians using distortions of the local magnetic field intensity in large indoor environments. , 2013, , .		66
4	An End-to-End Signal Strength Model for Underwater Optical Communications. IEEE Journal of Oceanic Engineering, 2013, 38, 743-757.	3.8	65
5	BiDirectional optical communication with AquaOptical II. , 2010, , .		62
6	AMOUR V: A Hovering Energy Efficient Underwater Robot Capable of Dynamic Payloads. International Journal of Robotics Research, 2010, 29, 547-570.	8.5	60
7	AquaOptical: A Lightweight Device for High-rate Long-range Underwater Point-to-Point Communication. Marine Technology Society Journal, 2010, 44, 55-65.	0.4	47
8	Autonomous Depth Adjustment for Underwater Sensor Networks: Design and Applications. IEEE/ASME Transactions on Mechatronics, 2012, 17, 16-24.	5.8	41
9	Using optical communication for remote underwater robot operation. , 2010, , .		39
10	Complete SE<sup>3</sup> underwater robot control with arbitrary thruster configurations. , 2010, , .		20
11	Autonomous, Localization-Free Underwater Data Muling Using Acoustic and Optical Communication. Springer Tracts in Advanced Robotics, 2013, , 841-857.	0.4	13
12	Adaptive Decentralized Control of Mobile Underwater Sensor Networks and Robots for Modeling Underwater Phenomena. Journal of Sensor and Actuator Networks, 2014, 3, 113-149.	3.9	5
13	Estimation of Thruster Configurations for Reconfigurable Modular Underwater Robots. Springer Tracts in Advanced Robotics, 2014, , 655-666.	0.4	4