

Richard Camilli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10279933/publications.pdf>

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15
papers

1,333
citations

1040056

9
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

1935
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking Hydrocarbon Plume Transport and Biodegradation at Deepwater Horizon. <i>Science</i> , 2010, 330, 201-204.	12.6	701
2	Robotic tools for deep water archaeology: Surveying an ancient shipwreck with an autonomous underwater vehicle. <i>Journal of Field Robotics</i> , 2010, 27, 702-717.	6.0	171
3	Acoustic measurement of the <i>Deepwater Horizon</i> Macondo well flow rate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20235-20239.	7.1	101
4	Dissolved methane distributions and air-sea flux in the plume of a massive seep field, Coal Oil Point, California. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	82
5	Toward Autonomous Exploration in Confined Underwater Environments. <i>Journal of Field Robotics</i> , 2016, 33, 994-1012.	6.0	71
6	Asphalt volcanoes as a potential source of methane to late Pleistocene coastal waters. <i>Nature Geoscience</i> , 2010, 3, 345-348.	12.9	55
7	Toward extraplanetary under-ice exploration: Robotic steps in the Arctic. <i>Journal of Field Robotics</i> , 2009, 26, 411-429.	6.0	53
8	In Situ Sensor Technology for Simultaneous Spectrophotometric Measurements of Seawater Total Dissolved Inorganic Carbon and pH. <i>Environmental Science & Technology</i> , 2015, 49, 4441-4449.	10.0	52
9	The Kallisti Limnes, carbon dioxide-accumulating subsea pools. <i>Scientific Reports</i> , 2015, 5, 12152.	3.3	18
10	Hybrid Visual SLAM for Underwater Vehicle Manipulator Systems. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 6798-6805.	5.1	8
11	The Unmanned Port Security Vessel: An autonomous platform for monitoring ports and harbors. , 2011, , .		7
12	Improving Resource Management for Unattended Observation of the Marginal Ice Zone Using Autonomous Underwater Gliders. <i>Frontiers in Robotics and AI</i> , 2020, 7, 579256.	3.2	7
13	Design of a gas tight water sampler for AUV operations. , 2007, , .		4
14	Towards Automated Sample Collection and Return in Extreme Underwater Environments. , 2022, 2, 1351-1385.		2
15	Using a Ladder of Seeps With Computer Decision Processes to Explore for and Evaluate Cold Seeps on the Costa Rica Active Margin. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	1