

Matt Mowlem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11019413/publications.pdf>

Version: 2024-02-01

11
papers

322
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a reliable microelectrode dissolved oxygen sensor. <i>Sensors and Actuators B: Chemical</i> , 2007, 123, 344-351.	7.8	68
2	Clean access, measurement, and sampling of Ellsworth Subglacial Lake: A method for exploring deep Antarctic subglacial lake environments. <i>Reviews of Geophysics</i> , 2012, 50, .	23.0	63
3	An assessment of deep hot-water drilling as a means to undertake direct measurement and sampling of Antarctic subglacial lakes: experience and lessons learned from the Lake Ellsworth field season 2012/13. <i>Annals of Glaciology</i> , 2014, 55, 59-73.	1.4	59
4	Technologies for retrieving sediment cores in Antarctic subglacial settings. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150056.	3.4	24
5	A Novel Integration of an Ultraviolet Nitrate Sensor On Board a Towed Vehicle for Mapping Open-Ocean Submesoscale Nitrate Variability. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 1410-1416.	1.3	23
6	A Simple, Low-Cost Double Beam Spectrophotometer for Colorimetric Detection of Nitrite in Seawater. <i>IEEE Sensors Journal</i> , 2009, 9, 862-869.	4.7	20
7	Spatial Variability of Antarctic Surface Snow Bacterial Communities. <i>Frontiers in Microbiology</i> , 2019, 10, 461.	3.5	20
8	Clean subglacial access: prospects for future deep hot-water drilling. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20140304.	3.4	19
9	Field assessment of a new membrane-free microelectrode dissolved oxygen sensor for water column profiling. <i>Limnology and Oceanography: Methods</i> , 2008, 6, 180-189.	2.0	10
10	Probe technologies for clean sampling and measurement of subglacial lakes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150267.	3.4	10
11	Oceanographic Sensor for in-situ temperature and conductivity monitoring. , 2008, , .		6