

# Guangyu Xu

## List of Publications by Year in descending order

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17  
papers

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citations

1040056

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic and In-situ Observations of Deep Seafloor Hydrothermal Discharge: An OOI Cabled Array ASHES Vent Field Case Study. <i>Earth and Space Science</i> , 2021, 8, e2020EA001269.	2.6	5
2	Demonstration of Autonomous Nested Search for Local Maxima Using an Unmanned Underwater Vehicle. , 2020, , .		2
3	Hydrothermal Activity and Seismicity at Teahitia Seamount: Reactivation of the Society Islands Hotspot?. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	9
4	3-Dimensional Hydrothermal Vent Localization Based on Chemical Plume Tracing. , 2020, , .		0
5	Observation and Modeling of Hydrothermal Response to the 2015 Eruption at Axial Seamount, Northeast Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2780-2797.	2.5	10
6	Dispersal of Hydrothermal Vent Larvae at East Pacific Rise 9°–10°N Segment. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 7877-7895.	2.6	14
7	A preliminary 1D model investigation of tidal variations of temperature and chlorinity at the Grotto mound, Endeavour Segment, Juan de Fuca Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 75-92.	2.5	8
8	The relative effect of particles and turbulence on acoustic scattering from deep sea hydrothermal vent plumes revisited. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 1446-1458.	1.1	7
9	Circulation, hydrography, and transport over the summit of Axial Seamount, a deep volcano in the Northeast Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 5404-5422.	2.6	18
10	Sonar observation of diffuse hydrothermal flows. <i>Earth and Space Science</i> , 2017, 4, 230-239.	2.6	5
11	The path to COVIS: A review of acoustic imaging of hydrothermal flow regimes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 121, 159-176.	1.4	13
12	Estimations of heat transfer from Grotto's North Tower: A NEPTUNE Observatory case study. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 121, 95-111.	1.4	5
13	Time-series measurement of hydrothermal heat flux at the Grotto mound, Endeavour Segment, Juan de Fuca Ridge. <i>Earth and Planetary Science Letters</i> , 2014, 404, 220-231.	4.4	17
14	Observations of the volume flux of a seafloor hydrothermal plume using an acoustic imaging sonar. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2369-2382.	2.5	17
15	Deep sea hydrothermal plumes and their interaction with oscillatory flows. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	16
16	Measurements and Models of Heat Flux and Plumes from Hydrothermal Discharges Near the Deep Seafloor. <i>Oceanography</i> , 2012, 25, 168-179.	1.0	33
17	The relative effects of particles and turbulence on acoustic scattering from deep-sea hydrothermal vent plumes. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 1856-1867.	1.1	12