

Kirsty J Tinto

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

412
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	Ross Ice Shelf response to climate driven by the tectonic imprint on seafloor bathymetry. <i>Nature Geoscience</i> , 2019, 12, 441-449.	12.9	88
2	Progressive unpinning of Thwaites Glacier from newly identified offshore ridge: Constraints from aerogravity. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	82
3	The Scientific Legacy of NASA's Operation IceBridge. <i>Reviews of Geophysics</i> , 2021, 59, e2020RG000712.	23.0	49
4	Bathymetric control of tidewater glacier mass loss in northwest Greenland. <i>Earth and Planetary Science Letters</i> , 2014, 401, 40-46.	4.4	41
5	Evolution of the Seasonal Surface Mixed Layer of the Ross Sea, Antarctica, Observed With Autonomous Profiling Floats. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4934-4953.	2.6	29
6	New gravity-derived bathymetry for the Thwaites, Crosson, and Dotson ice shelves revealing two ice shelf populations. <i>Cryosphere</i> , 2020, 14, 2869-2882.	3.9	25
7	Bathymetry in Petermann fjord from Operation IceBridge aerogravity. <i>Earth and Planetary Science Letters</i> , 2015, 422, 58-66.	4.4	24
8	Multidecadal Basal Melt Rates and Structure of the Ross Ice Shelf, Antarctica, Using Airborne Ice Penetrating Radar. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005241.	2.8	19
9	Bathymetric and oceanic controls on Abbot Ice Shelf thickness and stability. <i>Cryosphere</i> , 2014, 8, 877-889.	3.9	16
10	Resolving bathymetry from airborne gravity along Greenland fjords. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 8516-8533.	3.4	13
11	Detailed Bathymetry of the Continental Shelf Beneath the Getz Ice Shelf, West Antarctica. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005493.	2.8	6
12	Inside the ice shelf: using augmented reality to visualise 3D lidar and radar data of Antarctica. <i>Photogrammetric Record</i> , 2019, 34, 346-364.	0.4	5
13	Seafloor Depth of George VI Sound, Antarctic Peninsula, From Inversion of Aerogravity Data. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088654.	4.0	5
14	A fault-bounded palaeo-lake basin preserved beneath the Greenland Ice Sheet. <i>Earth and Planetary Science Letters</i> , 2021, 553, 116647.	4.4	5
15	Abbot Ice Shelf, structure of the Amundsen Sea continental margin and the southern boundary of the Bellingshausen Plate seaward of West Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1421-1438.	2.5	4
16	Neogene-Quaternary Uplift and Landscape Evolution in Northern Greenland Recorded by Subglacial Valley Morphology. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, .	2.8	1