

A M Brisbourne

List of Publications by Year in descending order

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31
papers

641
citations

623574

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docs citations

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985
citing authors

#	ARTICLE	IF	CITATIONS
1	Radar Derived Subglacial Properties and Landforms Beneath Rutford Ice Stream, West Antarctica. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	2
2	Sensitivity of Melting, Freezing and Marine Ice Beneath Larsen C Ice Shelf to Changes in Ocean Forcing. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	4
3	Radar Characterization of Ice Crystal Orientation Fabric and Anisotropic Viscosity Within an Antarctic Ice Stream. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	5
4	Not all Icequakes are Created Equal: Basal Icequakes Suggest Diverse Bed Deformation Mechanisms at Rutford Ice Stream, West Antarctica. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF006001.	1.0	16
5	Distributed Acoustic Sensing (DAS) for Natural Microseismicity Studies: A Case Study From Antarctica. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021493.	1.4	36
6	Downhole distributed acoustic seismic profiling at Skytrain Ice Rise, West Antarctica. <i>Cryosphere</i> , 2021, 15, 3443-3458.	1.5	11
7	Ice stream subglacial access for ice-sheet history and fast ice flow: the BEAMISH Project on Rutford Ice Stream, West Antarctica and initial results on basal conditions. <i>Annals of Glaciology</i> , 2021, 62, 203-211.	2.8	15
8	Icequake Source Mechanisms for Studying Glacial Sliding. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2020JF005627.	1.0	18
9	Breaking the Ice: Identifying Hydraulically Forced Crevassing. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090597.	1.5	5
10	A joint inversion of receiver function and Rayleigh wave phase velocity dispersion data to estimate crustal structure in West Antarctica. <i>Geophysical Journal International</i> , 2020, 223, 1644-1657.	1.0	11
11	An updated seabed bathymetry beneath Larsen C Ice Shelf, Antarctic Peninsula. <i>Earth System Science Data</i> , 2020, 12, 887-896.	3.7	8
12	Subglacial lakes and hydrology across the Ellsworth Subglacial Highlands, West Antarctica. <i>Cryosphere</i> , 2020, 14, 4507-4524.	1.5	8
13	Mapping Crustal Shear Wave Velocity Structure and Radial Anisotropy Beneath West Antarctica Using Seismic Ambient Noise. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5014-5037.	1.0	10
14	Automated detection of basal icequakes and discrimination from surface crevassing. <i>Annals of Glaciology</i> , 2019, 60, 167-181.	2.8	11
15	Constraining Recent Ice Flow History at Korff Ice Rise, West Antarctica, Using Radar and Seismic Measurements of Ice Fabric. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 175-194.	1.0	28
16	Contrasting Hydrological Controls on Bed Properties During the Acceleration of Pine Island Glacier, West Antarctica. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 80-96.	1.0	5
17	How dynamic are ice-stream beds?. <i>Cryosphere</i> , 2018, 12, 1615-1628.	1.5	11
18	A New Bathymetry for the Southeastern Filchner-Ronne Ice Shelf: Implications for Modern Oceanographic Processes and Glacial History. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 4610-4623.	1.0	22

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19	Ice fabric in an Antarctic ice stream interpreted from seismic anisotropy. <i>Geophysical Research Letters</i> , 2017, 44, 3710-3718.	1.5	45
20	Deep crustal melt plumbing of Bárðarbunga volcano, Iceland. <i>Geophysical Research Letters</i> , 2017, 44, 8785-8794.	1.5	32
21	Diverse landscapes beneath Pine Island Glacier influence ice flow. <i>Nature Communications</i> , 2017, 8, 1618.	5.8	53
22	Bed conditions of Pine Island Glacier, West Antarctica. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 419-433.	1.0	30
23	Mapping the ice-bed interface characteristics of Rutford Ice Stream, West Antarctica, using microseismicity. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1881-1894.	1.0	37
24	Oceanic and atmospheric forcing of Larsen C Ice-Shelf thinning. <i>Cryosphere</i> , 2015, 9, 1005-1024.	1.5	50
25	Seabed topography beneath Larsen C Ice Shelf from seismic soundings. <i>Cryosphere</i> , 2014, 8, 1-13.	1.5	38
26	The search for seismic signatures of movement at the glacier bed in a polythermal valley glacier. <i>Annals of Glaciology</i> , 2013, 54, 149-156.	2.8	9
27	The Hudson Bay Lithospheric Experiment. <i>Astronomy and Geophysics</i> , 2011, 52, 6.21-6.24.	0.1	8
28	Seismic emissions from a surging glacier: Bakaninbreen, Svalbard. <i>Annals of Glaciology</i> , 2005, 42, 151-157.	2.8	46
29	Anisotropic structure of the Hikurangi subduction zone, New Zealand-integrated interpretation of surface-wave and body-wave observations. <i>Geophysical Journal International</i> , 1999, 137, 214-230.	1.0	37
30	Shear-wave velocity structure beneath North Island, New Zealand, from Rayleigh-wave interstation phase velocities. <i>Geophysical Journal International</i> , 1998, 133, 175-184.	1.0	16
31	Non-contact measurement system for hot water drilled ice boreholes. <i>Annals of Glaciology</i> , 0, , 1-10.	2.8	0