

PÃ¡draig Ã“ ConbhuÃ¡-

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

198
citations

1684188

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1720034

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all docs

7
docs citations

7
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying neural networks to predict HPC-I/O bandwidth over seismic data on lustre file system for ExSeisDat. Cluster Computing, 2022, 25, 2661-2682.	5.0	3
2	MERRILL: Micromagnetic Earth Related Robust Interpreted Language Laboratory. Geochemistry, Geophysics, Geosystems, 2018, 19, 1080-1106.	2.5	47
3	ExSeisDat: A set of parallel I/O and workflow libraries for petroleum seismology. Oil and Gas Science and Technology, 2018, 73, 74.	1.4	3
4	Magnetic vortex effects on first-order reversal curve (FORC) diagrams for greigite dispersions. Earth and Planetary Science Letters, 2018, 501, 103-111.	4.4	21
5	Stability of equidimensional pseudo-“single-domain magnetite over billion-year timescales. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10356-10360.	7.1	58
6	Multi-scale three-dimensional characterization of iron particles in dusty olivine: Implications for paleomagnetism of chondritic meteorites. American Mineralogist, 2016, 101, 2070-2084.	1.9	35
7	Direct observation of the thermal demagnetization of magnetic vortex structures in nonideal magnetite recorders. Geophysical Research Letters, 2016, 43, 8426-8434.	4.0	31