

Natalia Bezaeva

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

220
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Shock and static pressure demagnetization of pyrrhotite and implications for the Martian crust. <i>Earth and Planetary Science Letters</i> , 2010, 290, 90-101.	4.4	39
2	Demagnetization of terrestrial and extraterrestrial rocks under hydrostatic pressure up to 1.2GPa. <i>Physics of the Earth and Planetary Interiors</i> , 2010, 179, 7-20.	1.9	34
3	Pressure demagnetization of the Martian crust: Ground truth from SNC meteorites. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	24
4	Nonmagnetic high pressure cell for magnetic remanence measurements up to 1.5 GPa in a superconducting quantum interference device magnetometer. <i>Review of Scientific Instruments</i> , 2008, 79, 115102.	1.3	16
5	Experimental shock metamorphism of the L4 ordinary chondrite Saratov induced by spherical shock waves up to 400â€¦GPa. <i>Meteoritics and Planetary Science</i> , 2010, 45, 1007-1020.	1.6	15
6	Magnetic properties of the <scp>LL</scp>5 ordinary chondrite Chelyabinsk (fall of February 15, 2013). <i>Meteoritics and Planetary Science</i> , 2014, 49, 958-977.	1.6	15
7	The effects of 10 to >160 GPa shock on the magnetic properties of basalt and diabase. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 4753-4771.	2.5	13
8	Magnetic Properties and Redox State of Impact Glasses: A Review and New Case Studies from Siberia. <i>Geosciences (Switzerland)</i> , 2019, 9, 225.	2.2	12
9	Magnetic properties of the Chelyabinsk meteorite: Preliminary results. <i>Geochemistry International</i> , 2013, 51, 568-574.	0.7	11
10	Magnetic characterization of non-ideal single-domain monoclinic pyrrhotite and its demagnetization under hydrostatic pressure up to 2 GPa with implications for impact demagnetization. <i>Physics of the Earth and Planetary Interiors</i> , 2016, 257, 79-90.	1.9	11
11	Remanent magnetization and coercivity of rocks under hydrostatic pressure up to 1.4â€¦GPa. <i>Geophysical Research Letters</i> , 2013, 40, 3858-3862.	4.0	9
12	The effect of hydrostatic pressure up to 1.61â€¦GPa on the Morin transition of hematiteâ€¦bearing rocks: Implications for planetary crustal magnetization. <i>Geophysical Research Letters</i> , 2015, 42, 10,188.	4.0	5
13	Experimental shock metamorphism of terrestrial basalts: Agglutinateâ€¦like particle formation, petrology, and magnetism. <i>Meteoritics and Planetary Science</i> , 2018, 53, 131-150.	1.6	5
14	Thermoremanence acquisition and demagnetization for titanomagnetite under lithospheric pressures. <i>Geophysical Research Letters</i> , 2017, 44, 4839-4845.	4.0	4
15	Demagnetization of Ordinary Chondrites under Hydrostatic Pressure up to 1.8 GPa. <i>Geochemistry International</i> , 2022, 60, 421-429.	0.7	2
16	The Karla impact structure (Russia) explored by potentialâ€¦field investigations. <i>Meteoritics and Planetary Science</i> , 2022, 57, 989-1003.	1.6	2
17	Effect of hydrostatic pressure on isothermal remanent magnetization of rocks. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika)</i> , 2007, 62, 201-202.	0.4	1
18	The effect of irradiation on the magnetic properties of rock and synthetic samples: Implications to irradiation of extraterrestrial materials in space. <i>Izvestiya, Physics of the Solid Earth</i> , 2015, 51, 336-353.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Obsidian and mafic volcanic glasses from the Philippines and Vietnam found in the Paris Museum Australasian tektite collection. <i>Meteoritics and Planetary Science</i> , 0, , .	1.6	1