

Hyun Na Kim

List of Publications by Year in descending order

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16
papers

321
citations

1163117

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1058476

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18
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic fault weakening via CO ₂ pressurization enhanced by mechanical deformation of dolomite fault gouges. <i>Geology</i> , 2021, 49, 1245-1249.	4.4	7
2	An effect of variations in relative sensitivity factors on Al-Mg systematics of Ca-Al-rich inclusions in meteorites with secondary ion mass spectrometry. <i>Geochemical Journal</i> , 2021, 55, 283-287.	1.0	1
3	Structure of type A CAI-like melts: A view from multi-nuclear NMR study of melilite (Ca ₂ Al ₂ SiO ₇ -Ca ₂ MgSi ₂ O ₇) glasses. <i>Chemical Geology</i> , 2020, 558, 119894.	3.3	2
4	Effects of Ball Size on the Grinding Behavior of Talc Using a High-Energy Ball Mill. <i>Minerals (Basel)</i> , 2020, 10, 22.	2.0	22
5	Variations in initial ²⁶ Al/ ²⁷ Al ratios among fluffy Type A Ca-Al-rich inclusions from reduced CV chondrites. <i>Earth and Planetary Science Letters</i> , 2019, 511, 25-35.	4.4	25
6	Partial Melting-Induced Chemical Evolution in Shocked Crystalline and Amorphous Plagioclase From the Lunar Meteorite Mount DeWitt 12007. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 1852-1863.	3.6	2
7	Variation of Water Content and Thermal Behavior of Talc Upon Grinding: Effect of Repeated Slip on Fault Weakening. <i>Journal of the Mineralogical Society of Korea</i> , 2019, 32, 201-211.	0.2	1
8	Particle Size Analysis of Nano-sized Talc Prepared by Mechanical Milling Using High-energy Ball Mill. <i>Journal of the Mineralogical Society of Korea</i> , 2018, 31, 47-55.	0.2	3
9	Behavior of Channel Water and CF ₂ H Side-Chain Terminal Groups in Swollen Nafion Polymer Electrolyte Membranes after Thermal Treatment. <i>ACS Macro Letters</i> , 2016, 5, 801-804.	4.8	11
10	Shock Metamorphism of Plagioclase-maskelynite in the Lunar Meteorite Mount DeWitt 12007. <i>Journal of the Mineralogical Society of Korea</i> , 2016, 29, 131-139.	0.2	1
11	Temperature-induced amorphization of Na-zeolite A: A view from multi-nuclear high-resolution solid-state NMR. <i>American Mineralogist</i> , 2014, 99, 1996-2007.	1.9	10
12	Effect of particle size on phase transitions in metastable alumina nanoparticles: A view from high-resolution solid-state ²⁷ Al NMR study. <i>American Mineralogist</i> , 2013, 98, 1198-1210.	1.9	25
13	Atomic structure and dehydration mechanism of amorphous silica: Insights from ²⁹ Si and ¹ H solid-state MAS NMR study of SiO ₂ nanoparticles. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 120, 39-64.	3.9	62
14	¹⁷ O Solid-State NMR Study of the Effect of Organic Ligands on Atomic Structure of Amorphous Silica Gel: Implications for Surface Structure of Silica and Its Dehydration Processes in Earth's Crust. <i>Journal of the Mineralogical Society of Korea</i> , 2012, 25, 271-282.	0.2	0
15	Nature of Chemical and Topological Disorder in Borogermanate Glasses: Insights from B-11 and O-17 Solid-State NMR and Quantum Chemical Calculations. <i>Journal of Physical Chemistry B</i> , 2010, 114, 412-420.	2.6	26
16	X-ray Raman scattering study of MgSiO ₃ glass at high pressure: Implication for triclustered MgSiO ₃ melt in Earth's mantle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7925-7929.	7.1	123