

Changkun Park

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

755
citations

567281

15
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552781

26
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26
all docs

26
docs citations

26
times ranked

684
citing authors

#	ARTICLE	IF	CITATIONS
1	Samples returned from the asteroid Ryugu are similar to Ivuna-type carbonaceous meteorites. <i>Science</i> , 2023, 379, .	12.6	97
2	Unique igneous textures and shock metamorphism of the Northwest Africa 7203 angrite: Implications for crystallization processes and the evolutionary history of the angrite parent body. <i>Meteoritics and Planetary Science</i> , 2022, 57, 105-121.	1.6	3
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	Melilite condensed from an ¹⁶ O-poor gaseous reservoir: Evidence from a fine-grained Ca-Al-rich inclusion of Northwest Africa 8613. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 288, 161-175.	3.9	12
5	Subnanosecond phase transition dynamics in laser-shocked iron. <i>Science Advances</i> , 2020, 6, eaaz5132.	10.3	29
6	Variations in initial ²⁶ Al/ ²⁷ Al ratios among fine-grained Ca-Al-rich inclusions from reduced CV chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 279, 1-15.	3.9	22
7	Two-point normalization for reducing inter-laboratory discrepancies in ¹⁷ O, ¹⁸ O, and ²¹ O of reference silicates. <i>Journal of Analytical Science and Technology</i> , 2020, 11, .	2.1	6
8	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
9	An automated laser fluorination technique for high-precision analysis of three oxygen isotopes in silicates. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 641-649.	1.5	16
10	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
11	LKZ-1: A New Zircon Working Standard for the In Situ Determination of U-Pb Age, Hf Isotopes, and Trace Element Composition. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 325.	2.0	16
12	Nebular history of an ultrarefractory phase bearing CAI from a reduced type CV chondrite. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 252, 39-60.	3.9	4
13	Spatially-resolved mineral identification and depth profiling on chondrules from the primitive chondrite Elephant Moraine 14017 with confocal Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 207, 46-53.	3.9	5
14	Brain and eyes of <i>Kerygmachela</i> reveal protocerebral ancestry of the panarthropod head. <i>Nature Communications</i> , 2018, 9, 1019.	12.8	52
15	A multielement isotopic study of refractory FUN and F CAIs: Mass-dependent and mass-independent isotope effects. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 221, 296-317.	3.9	27
16	Calcium-aluminum-rich inclusions with fractionation and unidentified nuclear effects (FUN CAIs): II. Heterogeneities of magnesium isotopes and ²⁶ Al in the early Solar System inferred from in situ high-precision magnesium-isotope measurements. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 6-24.	3.9	50
17	New constraints on the relationship between ²⁶ Al and oxygen, calcium, and titanium isotopic variation in the early Solar System from a multielement isotopic study of spinel-hibonite inclusions. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 184, 151-172.	3.9	63
18	A link between oxygen, calcium and titanium isotopes in ²⁶ Al-poor hibonite-rich CAIs from Murchison and implications for the heterogeneity of dust reservoirs in the solar nebula. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 189, 70-95.	3.9	83

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19	Major elements and noble gases of the Jinju (H5) meteorite, an observed fall on March 9, 2014, in South Korea. <i>Geochemical Journal</i> , 2016, 50, 315-325.	1.0	2
20	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
21	Hydrothermal origin of hexagonal $\text{CaAl}_2\text{Si}_2\text{O}_8$ (dmisteinbergite) in a compact type A CAI from the Northwest Africa 2086 CV3 chondrite. <i>Meteoritics and Planetary Science</i> , 2014, 49, 812-823.	1.6	21
22	Amoeboid olivine aggregates from CH carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 139, 131-153.	3.9	18
23	Oxygen isotopic composition of the solar nebula gas inferred from high-precision isotope imaging of melilite crystals in an Allende CAI. <i>Meteoritics and Planetary Science</i> , 2012, 47, 2070-2083.	1.6	34
24	Oxygen isotopic variations in a type A Ca-Al-rich inclusion revealed by high-precision secondary ion mass spectrometry analysis with micrometer resolution. <i>Surface and Interface Analysis</i> , 2012, 44, 678-681.	1.8	3
25	Oxygen Isotopic Compositions of Asteroidal Materials Returned from Itokawa by the Hayabusa Mission. <i>Science</i> , 2011, 333, 1116-1119.	12.6	161