

Christoph Lenting

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

313
citations

1307366

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1372474

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11
all docs

11
docs citations

11
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion of ternary borosilicate glass in acidic solution studied in operando by fluid-cell Raman spectroscopy. <i>Npj Materials Degradation</i> , 2021, 5, .	2.6	5
2	An unusual compound object in Yamato 793408 (H3.2â€œan): The missing link between compound chondrules and macrochondrules?. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1458-1470.	0.7	0
3	The evolution of polycyclic aromatic hydrocarbons under simulated inner asteroid conditions. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1930-1950.	0.7	9
4	The Effect of Heavy Ion Irradiation on the Forward Dissolution Rate of Borosilicate Glasses Studied In Situ and Real Time by Fluid-Cell Raman Spectroscopy. <i>Materials</i> , 2019, 12, 1480.	1.3	18
5	Real-time in situ observations of reaction and transport phenomena during silicate glass corrosion by fluid-cell Raman spectroscopy. <i>Nature Materials</i> , 2019, 18, 342-348.	13.3	68
6	Insights into the evolution of carbonateâ€œbearing kaolin during sintering revealed by in situ hyperspectral Raman imaging. <i>Journal of the American Ceramic Society</i> , 2018, 101, 897-910.	1.9	9
7	Towards a unifying mechanistic model for silicate glass corrosion. <i>Npj Materials Degradation</i> , 2018, 2, .	2.6	47
8	Morphological instability of aqueous dissolution of silicate glasses and minerals. <i>Npj Materials Degradation</i> , 2018, 2, .	2.6	7
9	Fingerprinting fluid sources in Troodos ophiolite complex orbicular glasses using high spatial resolution isotope and trace element geochemistry. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 200, 145-166.	1.6	20
10	Pattern Formation in Silicate Glass Corrosion Zones. <i>International Journal of Applied Glass Science</i> , 2013, 4, 357-370.	1.0	50
11	The behavior of the Hf isotope system in radiation-damaged zircon during experimental hydrothermal alteration. <i>American Mineralogist</i> , 2010, 95, 1343-1348.	0.9	80