Mara Murri

List of Publications by Year
in descending order

15	372	1163117 8	1058476 14
papers	citations	h-index	g-index

15	15	15	336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Laboratory Simulation of Space Weathering on Silicate Surfaces in the Water Environment. ACS Earth and Space Chemistry, 2022, 6, 197-206.	2.7	2
2	A GrÃ¼neisen tensor for rutile and its application to host-inclusion systems. American Mineralogist, 2021, 106, 1586-1595.	1.9	6
3	Anharmonic Effects on the Thermodynamic Properties of Quartz from First Principles Calculations. Entropy, 2021, 23, 1366.	2.2	1
4	Fossil subduction recorded by quartz from the coesite stability field. Geology, 2020, 48, 24-28.	4.4	56
5	Complex nanostructures in diamond. Nature Materials, 2020, 19, 1126-1131.	27.5	49
6	Diamond-Graphene Composite Nanostructures. Nano Letters, 2020, 20, 3611-3619.	9.1	54
7	Quantifying hexagonal stacking in diamond. Scientific Reports, 2019, 9, 10334.	3.3	24
8	Viscosity of Pyroxenite Melt and Its Evolution During Cooling. Journal of Geophysical Research E: Planets, 2019, 124, 1451-1469.	3.6	28
9	The effects of non-hydrostatic stress on the structure and properties of alpha-quartz. Physics and Chemistry of Minerals, 2019, 46, 487-499.	0.8	27
10	Cooling history and emplacement of a pyroxenitic lava as proxy for understanding Martian lava flows. Scientific Reports, 2019, 9, 17051.	3.3	8
11	Stress, strain and Raman shifts. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 129-140.	0.8	83
12	Ab initio simulation and X-ray diffraction measurements of deviatoric stress in mineral inclusions. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e261-e261.	0.1	0
13	Intracrystalline â€œgeothermometryâ€•assessed on clino and orthopyroxene bearing synthetic rocks. Geochimica Et Cosmochimica Acta, 2018, 227, 133-142.	3.9	8
14	Raman Elastic Geobarometry For Anisotropic Mineral Inclusions. American Mineralogist, 2018, , .	1.9	18
15	The role of Fe content on the Fe-Mg exchange reaction in augite. American Mineralogist, 2016, 101, 2747-2750.	1.9	8