

Yonggang Liu

List of Publications by Year in descending order

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14
papers

125
citations

1307594

7
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of heavy phosphorus-doping on mechanical properties of Czochralski silicon. <i>Journal of Applied Physics</i> , 2010, 107, 123503.	2.5	23
2	Measurements of wave velocity and electrical conductivity of an amphibolite from southwestern margin of the Tarim Basin at pressures to 1.0 GPa and temperatures to 700 Å°C: comparison with field observations. <i>Geophysical Journal International</i> , 2011, 187, 1393-1404.	2.4	18
3	Thermal equation of state of natural tourmaline at high pressure and temperature. <i>Physics and Chemistry of Minerals</i> , 2016, 43, 315-326.	0.8	18
4	Thermal equation of state of natural chromium spinel up to 26.8 GPa and 628 K. <i>Journal of Materials Science</i> , 2008, 43, 5546-5550.	3.7	16
5	High-pressure study of azurite $\text{Cu}_3(\text{CO}_3)_2(\text{OH})_2$ by synchrotron radiation X-ray diffraction and Raman spectroscopy. <i>Physics and Chemistry of Minerals</i> , 2015, 42, 805-816.	0.8	11
6	Thermodynamic properties of San Carlos olivine at high temperature and high pressure. <i>Acta Geochimica</i> , 2018, 37, 171-179.	1.7	11
7	Dehydration melting of solid amphibolite at 2.0 GPa: Effects of time and temperature. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 1120.	0.9	8
8	Equation of state of adamite up to 11ÅGPa: a synchrotron X-ray diffraction study. <i>Physics and Chemistry of Minerals</i> , 2014, 41, 547-554.	0.8	5
9	S-Wave Attenuation Due to Fluid Acceleration. <i>Pure and Applied Geophysics</i> , 0, , 1.	1.9	4
10	Comparative experimental study on several methods for measuring elastic wave velocities in rocks at high pressure. <i>Science in China Series D: Earth Sciences</i> , 2002, 45, 990-998.	0.9	3
11	Pressure calibration and sound velocity measurement to 12 GPa in multi-anvil apparatus. <i>Acta Geochimica</i> , 2021, 40, 525-531.	1.7	3
12	Pressure calibration based on the ultrasonic measurement in multi-anvil apparatus. <i>High Pressure Research</i> , 2021, 41, 75-87.	1.2	2
13	Self-Consistent Thermodynamic Parameters of Diopside at High Temperatures and High Pressures: Implications for the Adiabatic Geotherm of an Eclogitic Upper Mantle. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1322.	2.0	2
14	Optical access to multi-anvil apparatus with ultrasonic method under high-pressure environment. <i>Review of Scientific Instruments</i> , 2019, 90, 114502.	1.3	1