

Abby Kavner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4260728/publications.pdf>

Version: 2024-02-01

9
papers

124
citations

1307366

7
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise measurements of radial temperature gradients in the laser-heated diamond anvil cell. Review of Scientific Instruments, 2008, 79, 024902.	0.6	26
2	Temperature distributions in the laser-heated diamond anvil cell from 3-D numerical modeling. Journal of Applied Physics, 2013, 114, .	1.1	25
3	Peak scaling method to measure temperatures in the laser-heated diamond anvil cell and application to the thermal conductivity of MgO. Journal of Geophysical Research: Solid Earth, 2014, 119, 8154-8170.	1.4	20
4	Garnet yield strength at high pressures and implications for upper mantle and transition zone rheology. Journal of Geophysical Research, 2007, 112, .	3.3	16
5	High pressure, high temperature equation of state for Fe ₂ SiO ₄ ringwoodite and implications for the Earth's transition zone. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	8
6	Isothermal equation of state and phase stability of Fe ₅ Si ₃ up to 96 GPa and 3000 K. Journal of Geophysical Research: Solid Earth, 2017, 122, 4328-4335.	1.4	8
7	Measurements of thermal conductivity across the B1-B2 phase transition in NaCl. Journal of Applied Physics, 2018, 124, .	1.1	8
8	Thermoelastic properties of ReB ₂ at high pressures and temperatures and comparison with Pt, Os, and Re. Journal of Applied Physics, 2011, 110, .	1.1	7
9	The great wedge: Quantifying chromatic aberration in imaging spectroscopy systems and application to temperature measurements in the laser-heated diamond anvil cell. Journal of Applied Physics, 2009, 105, 023517.	1.1	5