

# 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	Measurements of thermal conductivity across the B1-B2 phase transition in NaCl. Journal of Applied Physics, 2018, 124, .	1.1	8
2	Isothermal equation of state and phase stability of Fe <sub>5</sub> Si <sub>3</sub> up to 96ÅGPa and 3000ÅK. Journal of Geophysical Research: Solid Earth, 2017, 122, 4328-4335.	1.4	8
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	Temperature distributions in the laser-heated diamond anvil cell from 3-D numerical modeling. Journal of Applied Physics, 2013, 114, .	1.1	25
5	Thermoelastic properties of ReB <sub>2</sub> at high pressures and temperatures and comparison with Pt, Os, and Re. Journal of Applied Physics, 2011, 110, .	1.1	7
6	High pressure, high temperature equation of state for Fe <sub>2</sub> SiO <sub>4</sub> ringwoodite and implications for the Earth's transition zone. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	8
7	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
8	Precise measurements of radial temperature gradients in the laser-heated diamond anvil cell. Review of Scientific Instruments, 2008, 79, 024902.	0.6	26
9	Garnet yield strength at high pressures and implications for upper mantle and transition zone rheology. Journal of Geophysical Research, 2007, 112, .	3.3	16