

Xintong Qi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

173
citations

1307594

7
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Hexagonal-structured μ -NbN: ultra-incompressibility, high shear rigidity and a possible hard superconducting material. <i>Scientific Reports</i> , 2015, 5, 10811.	3.3	46
2	Acoustic travel time gauges for <i>in-situ</i> determination of pressure and temperature in multi-anvil apparatus. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	25
3	Experimental and theoretical studies on the elasticity of tungsten to 13 GPa. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	24
4	Tracking silica in Earth's upper mantle using new sound velocity data for coesite to 5.8 GPa and 1073 K. <i>Geophysical Research Letters</i> , 2017, 44, 7757-7765.	4.0	16
5	Experimental and first-principles studies on the elastic properties of \pm -hafnium metal under pressure. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	14
6	Anomalous Sound Velocities of Antigorite at High Pressure and Implications for Detecting Serpentinization at Mantle Wedges. <i>Geophysical Research Letters</i> , 2019, 46, 5153-5160.	4.0	10
7	Enhanced visibility of subduction slabs by the formation of dense hydrous phase A. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095487.	4.0	8
8	Sound velocities of the \tilde{A} phase at high pressure and implications for seismic velocities in subducted slabs. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 288, 1-8.	1.9	7
9	Thermoelastic properties of tungsten at simultaneous high pressure and temperature. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	7
10	Elastic Anomaly and Polyamorphic Transition in (La, Ce)-based Bulk Metallic Glass under Pressure. <i>Scientific Reports</i> , 2017, 7, 724.	3.3	6
11	Elastic anomalies across phase transitions of praseodymium to 12 GPa. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	4
12	Implications of Sound Velocities of Natural Topaz on the Seismic Discontinuity. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
13	Anomalous elastic behavior of tantalum at high pressures: Experimental and theoretical studies. <i>International Journal of Refractory Metals and Hard Materials</i> , 2021, 101, 105691.	3.8	1