

Yang Gao

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

202
citations

1163117

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1058476

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16
all docs

16
docs citations

16
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear driven formation of nano-diamonds at sub-gigapascals and 300 K. Carbon, 2019, 146, 364-368.	10.3	65
2	Interlayer-glide-driven isosymmetric phase transition in compressed In ₂ Se ₃ . Applied Physics Letters, 2014, 104, .	3.3	31
3	<i>In situ</i> Hall effect measurement on diamond anvil cell under high pressure. Review of Scientific Instruments, 2010, 81, 115101.	1.3	20
4	High-Pressure Electrical Transport Behavior in WO ₃ . Journal of Physical Chemistry C, 2012, 116, 5209-5214.	3.1	17
5	Electrical Transport Properties of BaWO ₄ under High Pressure. Journal of Physical Chemistry C, 2012, 116, 25198-25205.	3.1	15
6	Metallization and Hall-effect of Mg ₂ Ge under high pressure. Applied Physics Letters, 2015, 107, .	3.3	13
7	The high-pressure compressibility of B ₁₂ P ₂ . Journal of Physics and Chemistry of Solids, 2017, 102, 21-26.	4.0	10
8	In situ thermal conductivity measurement in diamond anvil cell. Japanese Journal of Applied Physics, 2019, 58, 040906.	1.5	8
9	Shear-Driven Chemical Decomposition of Boron Carbide. Journal of Physical Chemistry C, 2019, 123, 23145-23150.	3.1	5
10	Investigation on electrical transport properties of nanocrystalline WO ₃ under high pressure. Journal of Materials Science, 2018, 53, 6339-6349.	3.7	4
11	Diamond anvil cell with double coaxial chambers. Review of Scientific Instruments, 2021, 92, 123901.	1.3	4
12	Compression and shear on lead in a rotational diamond anvil cell. High Pressure Research, 2016, 36, 55-62.	1.2	3
13	Metallization of Molybdenum Diselenide under Nonhydrostatic Compression. Journal of Physical Chemistry C, 2021, 125, 5412-5416.	3.1	3
14	Crystal structure and elasticity of Al-bearing phase H under high pressure. AIP Advances, 2018, 8, .	1.3	2
15	Fluorite Phase Transition in SnO ₂ under Uniaxial Compression and at 500 K. Journal of Physical Chemistry C, 2019, 123, 5603-5607.	3.1	1
16	Pressure evolution in a diamond anvil cell without a pressure medium. Journal of Applied Physics, 2022, 131, 125904.	2.5	1