

Akitaka Nakanishi

List of Publications by Year in descending order

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14
papers

196
citations

1307594

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14
all docs

14
docs citations

14
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconducting H5S2 phase in sulfur-hydrogen system under high-pressure. Scientific Reports, 2016, 6, 23160.	3.3	56
2	First-Principles Study on Superconductivity of P- and Cl-Doped H ₃ S. Journal of the Physical Society of Japan, 2018, 87, 124711.	1.6	25
3	Computational materials design for superconductivity in hole-doped delafossite CuAlO ₂ : Transparent superconductors. Solid State Communications, 2012, 152, 24-27.	1.9	24
4	First-Principles Study of NaFeAs, NaCoAs, and NaNiAs. Journal of the Physical Society of Japan, 2009, 78, 124712.	1.6	18
5	General Rule and Materials Design of Negative Effective <i>U</i> System for High- <i>T_c</i> Superconductivity. Applied Physics Express, 0, 1, 081703.	2.4	16
6	Pressure-Induced Structural Transition and Enhancement of Energy Gap of CuAlO ₂ . Journal of the Physical Society of Japan, 2011, 80, 024706.	1.6	14
7	Chemical trend of superconducting transition temperature in hole-doped delafossite of CuAlO ₂ , AgAlO ₂ and AuAlO ₂ . Solid State Communications, 2012, 152, 2078-2081.	1.9	14
8	Self-Interaction Corrected Electronic Structure and Energy Gap of CuAlO ₂ beyond Local Density Approximation. Journal of the Physical Society of Japan, 2011, 80, 053706.	1.6	7
9	Chemical Trend of Superconducting Critical Temperatures in Hole-Doped CuBO ₂ , CuAlO ₂ , CuGaO ₂ , and CuInO ₂ . Journal of the Physical Society of Japan, 2016, 85, 094711.	1.6	7
10	First-principles study on superconductivity of simple cubic, modulated and simple hexagonal phases in phosphorus. High Pressure Research, 2012, 32, 3-10.	1.2	6
11	Phase Stability and Superconductivity of Compressed Argon-Hydrogen Compounds from First-Principles. Journal of the Physical Society of Japan, 2017, 86, 124711.	1.6	6
12	High Superconducting Critical Temperature of Hole-Doped CuAlO ₂ . Journal of the Physical Society of Japan, 2012, 81, SB031.	1.6	2
13	Ionic Rectification across Ionic and Mixed Conductor Interfaces. Nano Letters, 2021, 21, 10086-10091.	9.1	1
14	A Microscopic Mechanism of Coulomb Driven Effective Negative Interaction for the High-Temperature Superconductivity. Journal of the Physical Society of Japan, 2008, 77, 109-112.	1.6	0