Ritu Gupta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2355236/publications.pdf

Version: 2024-02-01

16	237	1040056	940533
papers	citations	9	16
		h-index	g-index

16	16	16	232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unsplit superconducting and time reversal symmetry breaking transitions in Sr2RuO4 under hydrostatic pressure and disorder. Nature Communications, 2021, 12, 3920.	12.8	47
2	Microscopic evidence for anisotropic multigap superconductivity in the CsV3Sb5 kagome superconductor. Npj Quantum Materials, 2022, 7, .	5.2	41
3	Pressure-induced ferromagnetism in the topological semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Eu</mml:mi><mml:msub><mml:mi>&c</mml:mi></mml:msub></mml:mrow> Physical Review B, 2021, 104, .	3.2	22
4	Formation of short-range magnetic order and avoided ferromagnetic quantum criticality in pressurized <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaCrGe</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2021, 103, .	3.2	21
5	Superconducting and charge density wave transition in single crystalline LaPt₂Si₂. Journal of Physics Condensed Matter, 2017, 29, 255601.	1.8	18
6	Multiple-gap response of type-I noncentrosymmetric BeAu superconductor. Physical Review Research, 2020, 2, .	3.6	16
7	Multigap superconductivity in the charge density wave superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LaPt</mml:mi><mml:mn>2</mml:mn> Physical Review B, 2018, 97, .	3.2	15
8	Single-gap versus two-gap scenario: Specific heat and thermodynamic critical field of the noncentrosymmetric superconductor BeAu. Physical Review B, 2020, 102, .	3.2	15
9	Coexistence of superconductivity and a charge density wave in LaPt2(Si1â^'xGex)2(0â€‰â©½â€‰xâ€‰â©½â€‰0.5). Journal of Physics Condensed Matter, 2016, 28, 195702.	1.8	11
10	Pressure dependence of ferromagnetic phase boundary in BaVSe3 studied with high-pressure Î¼+SR. Physical Review B, 2021, 103, .	3.2	7
11	Thermal transport studies on charge density wave materials LaPt2Si2 and PrPt2Si2. Journal of Physics Condensed Matter, 2018, 30, 475603.	1.8	6
12	Self-Consistent Two-Gap Approach in Studying Multi-Band Superconductivity of NdFeAsO0.65F0.35. Frontiers in Physics, 2020, 8, .	2.1	6
13	Unconventional Pressure Dependence of the Superfluid Density in the Nodeless Topological Superconductor Î±â^'PdBi2. Physical Review Letters, 2021, 127, 217002.	7.8	5
14	Isotropic single-gap superconductivity of elemental Pb. Physical Review B, 2021, 104, .	3.2	3
15	Optical Setup for a Piston-Cylinder Pressure Cell: A Two-Volume Approach. Physical Review Applied, 2022, 17, .	3.8	2
16	A brief review of the physical properties of charge density wave superconductor LaPt₂Si₂. Superconductor Science and Technology, 2022, 35, 084006.	3.5	2