

Pengtao Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2106522/publications.pdf>

Version: 2024-02-01

21
papers

258
citations

933447

10
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure-driven superconducting dome in the vicinity of CDW in the pyrite-type superconductor <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\text{CuS}_{2-x}\text{Te}_x Physical Review Materials, 2022, 6, .	2.4	7
2	Pressure-Induced Superconductivity up to 9 Å in the Quasi-One-Dimensional <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\text{KMnO}_6 Physical Review Letters, 2022, 128, 187001.	7.8	23
3	Pressured-induced superconducting phase with large upper critical field and concomitant enhancement of antiferromagnetic transition in EuTe ₂ . Nature Communications, 2022, 13, .	12.8	11
4	Pressure effect in the antiperovskite phosphide superconductor <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\text{Sr}_2\text{P}(\text{AsO})_2 Physical Review B, 2022, 105, .	9.2	10
5	Monoclinic <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\text{EuSn}_2 : A Novel High-Pressure Network Structure. Physical Review Letters, 2021, 126, 155701.	7.8	14
6	Effects of disorder and hydrostatic pressure on charge density wave and superconductivity in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\text{HfTe}_2 Physical Review B, 2021, 103, .	3.2	11
7	Anomalous charge density wave state evolution and dome-like superconductivity in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\text{Cu}_2\text{Te}_{4-x}\text{Se}_x chalcogenides. Superconductor Science and Technology, 2021, 34, 115003.	3.5	7
8	Superconducting phase diagram and the evolution of electronic structure across charge density wave in underdoped <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\text{TbTe}_2 under hydrostatic pressure. Physical Review B, 2021, 104, .	3.2	3
9	Quasi-one-dimensional superconductivity in the pressurized charge-density-wave conductor HfTe ₃ . Npj Quantum Materials, 2021, 6, .	5.2	13
10	The effect of the magnetic field distribution of permanent magnets on the trapped field properties of a single domain GdBCO bulk superconductor. Superconductor Science and Technology, 2020, 33, 025011.	3.5	2
11	Superconducting phase diagrams of S-doped <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\text{HfTe}_2\text{Se}_2 under hydrostatic pressure. Physical Review B, 2020, 102, .	3.2	10
12	Superconductivity of Lanthanum Superhydride Investigated Using the Standard Four-Probe Configuration under High Pressures*. Chinese Physics Letters, 2020, 37, 107401.	3.3	61
13	Metal-to-metal transition and heavy-electron state in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\text{Nd}_4\text{O}_{10}\hat{a} Physical Review B, 2020, 101, .	3.2	16
14	Pressure effect on the anomalous Hall effect of ferromagnetic Weyl semimetal Co ₃ Sn ₂ S ₂ . Physical Review Materials, 2020, 4, .	2.4	12
15	Magnetic shielding of a short thick GdBCO tube fabricated by the buffer aided top-seeded infiltration and growth method. Superconductor Science and Technology, 2019, 32, 115015.	3.5	9
16	Bottom-Seeded Infiltration and Growth for Fabrication of Single-Grain GdBCO Superconducting Ring. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	2
17	Novel configurations for the fabrication of high quality REBCO bulk superconductors by a modified RE + O11 top-seeded infiltration and growth process. Superconductor Science and Technology, 2018, 31, 085005.	3.5	14
18	Theoretical analysis and numerical calculation of 3D trapped field distribution of single domain SmBCO bulks by Sm+O11 TSIG methods. Physica C: Superconductivity and Its Applications, 2017, 540, 32-37.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Fabrication and properties of single domain GdBCO superconducting rings by a buffer aided Gd+O11 TSIG method. Superconductor Science and Technology, 2017, 30, 085003.	3.5	14
20	The Influence of Y2Ba4CuNbO x Nanoparticle Addition on the Superconducting Properties of Single Domain YBCO Bulks. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2487-2492.	1.8	11
21	é††ç””é ¶éf”ç±1/2æ™¶ç†”èžè3/4...åŠ©ç†”æ,—æ³•å^¶å†é«~æ€\$èf1/2å•ç•GdBCOè¶...å~1/4å—æ• Scientia Sinica: Physica,4Mechanica Et Astr...		