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List of Publications by Year in descending order

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Version: 2024-02-01

18
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623734

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18
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18
docs citations

18
times ranked

1271
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct measurement of the upper critical field in cuprate superconductors. Nature Communications, 2014, 5, 3280.	12.8	171
2	Universal Heat Conduction in the Iron Arsenide Superconductor KFe_2As_2 . Evidence of a d-Wave State. Physical Review Letters, 2012, 109, 087001.	7.8	155
3	Superconductivity in the noncentrosymmetric half-Heusler compound LuPtBi: A candidate for topological superconductivity. Physical Review B, 2013, 87, .	3.2	135
4	Sudden reversal in the pressure dependence of T_c in the iron-based superconductor KFe_2As_2 . Nature Physics, 2013, 9, 349-352.	16.7	119
5	Pressure-induced Fermi surface reconstruction in the iron-arsenide superconductor $BaKFe_2As_2$. Physical Review B, 2015, 91, .	3.2	54
6	From d-wave to s-wave pairing in the iron-pnictide superconductor $(Ba,K)Fe_2As_2$. Superconductor Science and Technology, 2012, 25, 084013.	3.5	50
7	Universal V-shaped temperature-pressure phase diagram in the iron-based superconductors KFe_2As_2 and $BaKFe_2As_2$. Physical Review B, 2015, 91, .	3.2	39
8	Sudden reversal in the pressure dependence of T_c in the iron-based superconductor $CsFe_2As_2$. Physical Review B, 2016, 93, .	3.2	36
9	Tamm plasmon-polaritons in a metal coated porous silicon photonic crystal. Optical Materials Express, 2018, 8, 2774.	3.0	31
10	A Multimodal Micro-Optrode Combining Field and Single Unit Recording, Multispectral Detection and Photolabeling Capabilities. PLoS ONE, 2013, 8, e57703.	2.5	28
11	Expansion of the tetragonal magnetic phase with pressure in the iron arsenide superconductor $Ba_{1-x}K_xFe_2As_2$. Physical Review B, 2016, 93, .	3.2	19
12	A practical Tamm plasmon sensor based on porous Si. AIP Advances, 2021, 11, .	1.3	18
13	Doping evolution of the superconducting gap structure in the underdoped iron arsenide $Ba_{1-x}K_xFe_2As_2$ by thermal conductivity. Physical Review B, 2016, 93, .	3.2	15
14	Tamm phonon-polaritons: Localized states from phonon-light interactions. Applied Physics Letters, 2019, 114, .	3.3	14
15	First experimental demonstration of a Self-Oscillating Fluidic Heat Engine (SOFHE) with piezoelectric power generation. Journal of Physics: Conference Series, 2016, 773, 012039.	0.4	13
16	Toward applications of near-field radiative heat transfer with micro-hotplates. Scientific Reports, 2021, 11, 14347.	3.3	5
17	Microfabricated Membranes for Radiative Near Field Measurements. , 2019, , .		3
18	Enhanced Coherent Thermal Emission From SiO ₂ on a Porous Silicon Photonic Crystal. , 2017, , .		0