

Tianhao Wang

List of Publications by Year in descending order

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18
papers

1,028
citations

758635

12
h-index

887659

17
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18
docs citations

18
times ranked

3090
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ optical pumping for polarizing ^3He neutron spin filters at the China Spallation Neutron Source. <i>Science China: Physics, Mechanics and Astronomy</i> , 2022, 65, 1.	2.0	6
2	Ultrasensitive barocaloric material for room-temperature solid-state refrigeration. <i>Nature Communications</i> , 2022, 13, 2293.	5.8	23
3	Improving polarized neutron imaging for visualization of the Meissner effect in superconductors. <i>Review of Scientific Instruments</i> , 2019, 90, 033705.	0.6	6
4	Setup for polarized neutron imaging using <i>in situ</i> ^3He cells at the Oak Ridge National Laboratory High Flux Isotope Reactor CG-1D beamline. <i>Review of Scientific Instruments</i> , 2017, 88, 095103.	0.6	12
5	CMOS compatible USRN:Si ₇ N ₃ for supercontinuum generation, parametric amplification and four-wave mixing. , 2017, , .		0
6	Compact spherical neutron polarimeter using high-Tc YBCO films. <i>Review of Scientific Instruments</i> , 2016, 87, 033901.	0.6	7
7	Spin echo small angle neutron scattering using a continuously pumped ^3He neutron polarisation analyser. <i>Review of Scientific Instruments</i> , 2015, 86, 023902.	0.6	23
8	Superconducting magnetic Wollaston prism for neutron spin encoding. <i>Review of Scientific Instruments</i> , 2014, 85, 053303.	0.6	27
9	Performance of a polarised neutron cryo-flipper using a high TcYBCO film. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 722, 20-23.	0.7	13
10	Design of a Cryogen Free Cryo-flipper using a High T YBCO Film. <i>Physics Procedia</i> , 2013, 42, 125-129.	1.2	14
11	Search for neutral Higgs bosons decaying into four taus at LEP2. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	43
12	Room-temperature ferromagnetism in lightly Cr-doped ZnO nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 99, 679-683.	1.1	66
13	Magnetization and Raman scattering studies of (Co,Mn) codoped ZnO nanoparticles. <i>Journal of Applied Physics</i> , 2008, 104, .	1.1	86
14	Fermion pair production in e+e- collisions at $189 \leq \sqrt{s} \leq 209$ GeV and constraints on physics beyond the standard model. <i>European Physical Journal C</i> , 2007, 49, 411-437.	1.4	52
15	Search for Higgs bosons decaying to WW in e+e- collisions at LEP. <i>European Physical Journal C</i> , 2007, 49, 439.	1.4	5
16	Test of colour reconnection models using three-jet events in hadronic Z decays. <i>European Physical Journal C</i> , 2006, 48, 685.	1.4	8
17	Search for neutral MSSM Higgs bosons at LEP. <i>European Physical Journal C</i> , 2006, 47, 547.	1.4	592
18	Measurement of the W boson mass and width in e+e- collisions at LEP. <i>European Physical Journal C</i> , 2006, 47, 309-335.	1.4	45