

Zhaoqiang Bai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10511101/publications.pdf>

Version: 2024-02-01

9
papers

313
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetocrystalline anisotropy and its electric-field-assisted switching of Heusler-compound-based perpendicular magnetic tunnel junctions. <i>New Journal of Physics</i> , 2014, 16, 103033.	2.9	43
2	Efficient Spin Injection into Graphene through a Tunnel Barrier: Overcoming the Spin-Conductance Mismatch. <i>Physical Review Applied</i> , 2014, 2, .	3.8	39
3	High-performance giant-magnetoresistance junctions based on the all-Heusler architecture with matched energy bands and Fermi surfaces. <i>Applied Physics Letters</i> , 2013, 102, 152403.	3.3	15
4	Boron diffusion induced symmetry reduction and scattering in CoFeB/MgO/CoFeB magnetic tunnel junctions. <i>Physical Review B</i> , 2013, 87, .	3.2	33
5	Strain-Engineered Surface Transport in Si(001): Complete Isolation of the Surface State via Tensile Strain. <i>Physical Review Letters</i> , 2013, 111, 246801.	7.8	27
6	Magnetic and transport properties of $\text{Mn}_{3-x}\text{Ga}/\text{MgO}/\text{Mn}_{3-x}\text{Ga}$ magnetic tunnel junctions: A first-principles study. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	49
7	Effect of interfacial strain on spin injection and spin polarization of $\text{Co}_2\text{CrAl}/\text{NaNbO}_3/\text{Co}_2\text{CrAl}$ magnetic tunneling junction. <i>Europhysics Letters</i> , 2012, 99, 37001.	2.0	11
8	Systematic study of ferroelectric, interfacial, oxidative, and doping effects on conductance of $\text{Pt}/\text{BaTiO}_3/\text{Pt}$ ferroelectric tunnel junctions. <i>Physical Review B</i> , 2012, 85, .	3.2	23
9	DATA STORAGE: REVIEW OF HEUSLER COMPOUNDS. <i>Spin</i> , 2012, 02, 1230006.	1.3	73