

Zhaoqiang Bai

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

313
citations

1040056

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h-index

1474206

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10
all docs

10
docs citations

10
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	DATA STORAGE: REVIEW OF HEUSLER COMPOUNDS. Spin, 2012, 02, 1230006.	1.3	73
2	Magnetic and transport properties of Mn $3\hat{\sim}$ xGa/MgO/Mn $3\hat{\sim}$ xGa magnetic tunnel junctions: A first-principles study. Applied Physics Letters, 2012, 100, .	3.3	49
3	Magnetocrystalline anisotropy and its electric-field-assisted switching of Heusler-compound-based perpendicular magnetic tunnel junctions. New Journal of Physics, 2014, 16, 103033.	2.9	43
4	Efficient Spin Injection into Graphene through a Tunnel Barrier: Overcoming the Spin-Conductance Mismatch. Physical Review Applied, 2014, 2, .	3.8	39
5	Boron diffusion induced symmetry reduction and scattering in CoFeB/MgO/CoFeB magnetic tunnel junctions. Physical Review B, 2013, 87, .	3.2	33
6	Strain-Engineered Surface Transport in Si(001): Complete Isolation of the Surface State via Tensile Strain. Physical Review Letters, 2013, 111, 246801.	7.8	27
7	Systematic study of ferroelectric, interfacial, oxidative, and doping effects on conductance of Pt/BaTiO \langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langlemml:mrow /> \langlemml:mn> 3 </mml:mn> </mml:math>/Pt ferroelectric tunnel junctions. Physical Review B, 2012, 85, .	3.2	23
8	High-performance giant-magnetoresistance junctions based on the all-Heusler architecture with matched energy bands and Fermi surfaces. Applied Physics Letters, 2013, 102, 152403.	3.3	15
9	Effect of interfacial strain on spin injection and spin polarization of Co 2 CrAl/NaNbO 3 /Co 2 CrAl magnetic tunneling junction. Europhysics Letters, 2012, 99, 37001.	2.0	11