

Biao You

List of Publications by Year in descending order

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14
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1478505

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14
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14
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-consistent determination of spin Hall angle and spin diffusion length in Pt and Pd: The role of the interface spin loss. <i>Science Advances</i> , 2018, 4, eaat1670.	10.3	157
2	Full Electric Control of Exchange Bias at Room Temperature by Resistive Switching. <i>Advanced Materials</i> , 2018, 30, e1801885.	21.0	43
3	Thickness-driven spin reorientation transition in ultrathin films. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013, 56, 70-84.	5.1	22
4	Temperature dependent exchange bias effect in polycrystalline BiFeO ₃ /FM (FM = NiFe, Co) bilayers. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	16
5	Exchange bias in Co/Co ₃ O ₄ bilayers. <i>Journal of Applied Physics</i> , 2003, 93, 6587-6589.	2.5	14
6	Electric Control of Exchange Bias at Room Temperature by Resistive Switching via Electrochemical Metallization. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26941-26948.	8.0	7
7	Electric control of exchange bias in Co/FeO _x bilayer by resistive switching. <i>AIP Advances</i> , 2020, 10, 015306.	1.3	6
8	Element specific spin and orbital moments of nanoscale CoFeB amorphous thin films on GaAs(100). <i>AIP Advances</i> , 2016, 6, 095011.	1.3	5
9	The evolution of in-plane magnetic anisotropy in CoFeB/GaAs(001) films annealed at different temperatures. <i>AIP Advances</i> , 2018, 8, 056101.	1.3	5
10	A Simple Model to Describe Different Types of Exchange Bias Training Effect. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 531-536.	1.8	4
11	EXCHANGE BIAS AND ANGULAR DEPENDENCE IN Co/Co ₃ O ₄ BILAYERS. <i>International Journal of Modern Physics B</i> , 2005, 19, 2580-2585.	2.0	3
12	Spectroscopy of self-assembled one-dimensional atomic string: The role of step edge. <i>Applied Physics Letters</i> , 2013, 103, 081608.	3.3	3
13	The Thickness-Dependent In-Plane Uniaxial Magnetic Anisotropy in Amorphous CoFeB Films on GaAs(001) Substrates. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 2843-2848.	1.8	3
14	BiFeO ₃ thickness dependence of the exchange bias in polycrystalline BiFeO ₃ /NiFe bilayers. <i>Journal of the Korean Physical Society</i> , 2013, 62, 1950-1953.	0.7	0