

Peng Sheng

List of Publications by Year in descending order

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13
papers

477
citations

1307594

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1058476

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14
all docs

14
docs citations

14
times ranked

800
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin Hall Magnetoresistance in Metallic Bilayers. <i>Physical Review Letters</i> , 2016, 116, 097201.	7.8	247
2	The spin Nernst effect in tungsten. <i>Science Advances</i> , 2017, 3, e1701503.	10.3	95
3	Giant Hall Effect in Nonmagnetic Granular Metal Films. <i>Physical Review Letters</i> , 2001, 86, 5562-5565.	7.8	65
4	Electric field modulation of the non-linear areal magnetic anisotropy energy. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	26
5	Anomalous Nernst effect in Co _x (MgO) _{1-x} granular thin films. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	12
6	Detailed analysis of spin-dependent quantum interference effects in magnetic tunnel junctions with Fe quantum wells. <i>Applied Physics Letters</i> , 2013, 102, 032406.	3.3	10
7	Magnetic properties, microstructures and magnetoresistance effect in Co/Alq ₃ granular films. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 418-422.	2.3	7
8	Spin-dependent quantum well effect in fully epitaxial Cr/ultrathin Fe/MgO/Fe magnetic tunnel junctions. <i>Solid State Communications</i> , 2012, 152, 273-277.	1.9	5
9	Surface acoustic wave induced modulation of tunneling magnetoresistance in magnetic tunnel junctions. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	3
10	Tunneling magnetoresistance effect in Co/TPD granular films. <i>Journal of Alloys and Compounds</i> , 2009, 477, 32-35.	5.5	2
11	Influence of Substrate on the Transportation Properties of Co/Alq ₃ Granular Films on a Si Wafer. <i>Chinese Physics Letters</i> , 2010, 27, 078102.	3.3	2
12	Magneto-optical Kerr Effect in Co/Alq ₃ Granular Films. <i>Chinese Physics Letters</i> , 2009, 26, 017804.	3.3	1
13	Transition of Magnetoresistance in Co/Alq ₃ Granular Film on Silicon Substrate. <i>Chinese Physics Letters</i> , 2009, 26, 077505.	3.3	1