

# Guang Yang

## List of Publications by Year in descending order

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26  
papers

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citations

840776

11  
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docs citations

26  
times ranked

617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable perpendicular anisotropic magnetoresistance in CoO/Co/Pt heterostructures. Rare Metals, 2023, 42, 579-584.	7.1	0
2	Enhancement of Josephson Critical Currents in Ferromagnetic $\text{Co}_{40}\text{Fe}_{40}\text{Pt}_{20}$ Multilayers. <i>Physical Review Applied</i> , 2022, 15, 044002.	3.8	1
3	Field-Free Magnetization Switching Driven by Spin-Orbit Torque in $\text{Pt}/\text{Co}/\text{Pt}$ Single Layer. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	10
4	Implementation of complete Boolean logic functions in single spin-orbit torque device. <i>AIP Advances</i> , 2021, 11, .	1.3	5
5	Spin-orbit coupling suppression and singlet-state blocking of spin-triplet Cooper pairs. <i>Science Advances</i> , 2021, 7, .	10.3	14
6	Boosting spintronics with superconductivity. <i>APL Materials</i> , 2021, 9, .	5.1	23
7	Enhancement of phonon skew scattering in epitaxial Pt/Co/Pt trilayers by crystal engineering. <i>Physical Review B</i> , 2021, 104, .	3.2	2
8	Analyses and Calculation of Steel Scrap Melting in a Multifunctional Hot Metal Ladle. <i>Steel Research International</i> , 2019, 90, 1800435.	1.8	10
9	Synthesis and properties of a novel highly thermal stable $\text{N}$ -propargyl monomer containing benzoxazole ring. <i>High Performance Polymers</i> , 2018, 30, 239-246.	1.8	1
10	Giant antidamping orbital torque originating from the orbital Rashba-Edelstein effect in ferromagnetic heterostructures. <i>Nature Communications</i> , 2018, 9, 2569.	12.8	35
11	Effects of $\text{HfO}_2/\text{Co}$ interface and $\text{Co}/\text{HfO}_2$ interface on anomalous Hall behavior in perpendicular Co/Pt multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 433, 42-46.	2.3	6
12	Effect of oxygen migration on magnetic anisotropy and damping constant in perpendicular Ta/CoFeB/Gd/MgO/Ta multilayers. <i>Applied Surface Science</i> , 2017, 396, 705-710.	6.1	16
13	Ultrasensitive Anomalous Hall Effect in Ta/CoFe/Oxide/Ta Multilayers. <i>Advances in Condensed Matter Physics</i> , 2016, 2016, 1-7.	1.1	6
14	Oriented-assembly of hollow FePt nanochains with tunable catalytic and magnetic properties. <i>Nanoscale</i> , 2016, 8, 11432-11440.	5.6	45
15	Interface-engineered spin-dependent transport in perpendicular Co/Pt multilayers. <i>Applied Surface Science</i> , 2016, 387, 375-378.	6.1	11
16	Spin-orbit torque in Pt/CoNiCo/Pt symmetric devices. <i>Scientific Reports</i> , 2016, 6, 20778.	3.3	92
17	Enhancement of post-annealing stability in Co/Ni multilayers with perpendicular magnetic anisotropy by Au insertion layers. <i>Rare Metals</i> , 2016, 35, 779-783.	7.1	6
18	Realisation of all 16 Boolean logic functions in a single magnetoresistance memory cell. <i>Nanoscale</i> , 2016, 8, 12819-12825.	5.6	23

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19	Thermally stable anomalous Hall behavior in perpendicular Co/Pt multilayers sandwiched by HfO <sub>2</sub> layers. Applied Surface Science, 2016, 360, 758-761.	6.1	10
20	Anomalous Hall effect engineering via interface modification in Co/Pt multilayers. Applied Physics Letters, 2015, 107, 112404.	3.3	22
21	Interface-assisted magnetoresistance behavior for ultrathin NiFe films. Journal of Magnetism and Magnetic Materials, 2015, 393, 419-422.	2.3	4
22	Oxygen atom diffusion-driven anomalous Hall behavior in Co/Pt multilayers. Thin Solid Films, 2015, 579, 123-126.	1.8	6
23	Magnetization reorientation induced by interfacial structures in ultrathin disordered FePt film sandwiched by SiO <sub>2</sub> layers. Applied Surface Science, 2015, 353, 489-493.	6.1	6
24	Interfacial electronic structure-modulated magnetic anisotropy in Ta/CoFeB/MgO/Ta multilayers. Applied Physics Letters, 2014, 105, .	3.3	25
25	Chemically manipulated anomalous Hall effect and perpendicular magnetic anisotropy in Co/Pt multilayers. Applied Surface Science, 2014, 320, 263-266.	6.1	11
26	Ultrahigh Anomalous Hall Sensitivity in Co/Pt Multilayers by Interfacial Modification. Applied Physics Express, 2013, 6, 103007.	2.4	13