Chao

List of Publications by Year
in descending order

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24	648	1040056	610901
papers	citations	9	24
		h-index	g-index

24	24	24	1195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exchange-Torque-Triggered Fast Switching of Antiferromagnetic Domains. Physical Review Letters, 2022, 128, 137201.	7.8	6
2	Strain-induced Anisotropic Terahertz Emission From a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mi>Fe</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>211</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (stretchy="false">)</mml:mo><mml:mn>110</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 677 Td (stretchy="false">)</mml:	3.8	11
3	Antiferromagnetic domain switching modulated by an ultrathin Co interlayer in the Fe/Co/CoO/MgO(001) system. Physical Review B, 2020, 102, .	3.2	2
4	Direct detection of spin-orbit effective fields through magneto-optical Kerr effect. Physical Review B, 2020, 101, .	3.2	2
5	Electron quantum interference in epitaxial antiferromagnetic NiO thin films. AIP Advances, 2020, 10, 045204.	1.3	1
6	Thickness-dependent angular dependent magnetoresistance in single-crystalline Co film and Co/Pt heterostructures. Journal of Magnetism and Magnetic Materials, 2020, 508, 166863.	2.3	5
7	Optical imaging of antiferromagnetic domains in ultrathin CoO(001) films. New Journal of Physics, 2020, 22, 083033.	2.9	11
8	Quantifying spin relaxation in mesoscopic Cu channels via a multitude of nonlocal spin valves. Physical Review B, 2019, 100, .	3.2	6
9	Imaging antiferromagnetic domains in nickel oxide thin films by optical birefringence effect. Physical Review B, 2019, 100, .	3.2	36
10	Magnetic domain wall contrast under zero domain contrast conditions in spin polarized low energy electron microscopy. Ultramicroscopy, 2019, 200, 132-138.	1.9	3
11	Unidirectional magnetoresistance in magnetic thin films with non-uniform thickness. AIP Advances, 2018, 8, 056320.	1.3	2
12	Impact of ultrafast demagnetization process on magnetization reversal in L1 FePt revealed using double laser pulse excitation. Applied Physics Letters, 2018, 112, .	3.3	5
13	Broadband Terahertz Generation via the Interface Inverse Rashba-Edelstein Effect. Physical Review Letters, 2018, 121, 086801.	7.8	118
14	Room-temperature chiral charge pumping in Dirac semimetals. Nature Communications, 2017, 8, 13741.	12.8	113
15	Spin pumping and the inverse spin hall effect in single crystalline Fe/Pt heterostructure. AIP Advances, 2017, 7, .	1.3	10
16	Stabilization and current-induced motion of antiskyrmion in the presence of anisotropic Dzyaloshinskii-Moriya interaction. Physical Review B, 2017, 96, .	3.2	91
17	Magnetization reversal in kagome artificial spin ice studied by first-order reversal curves. Physical Review B, 2017, 96, .	3.2	11
18	Anisotropic spin relaxation induced by surface spin-orbit effects. Physical Review B, 2017, 96, .	3.2	7

#	ARTICLE	IF	CITATIONS
19	Spin Pumping and Thermal Effects in Single-Crystalline <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Fe</mml:mi><mml:mo>/</mml:mo><mml:mi>Pt</mml:mi></mml:mrow></mml:math> Bilayers at the Nonresonant Condition. Physical Review Applied, 2017, 8, .	3.8	7
20	Multiple low-energy excitation states in FeNi disks observed by broadband ferromagnetic resonance measurement. Physical Review B, 2016, 94, .	3.2	6
21	Magnetic stripe domains of [Pt/Co/Cu]10 multilayer near spin reorientation transition. AIP Advances, 2016, 6, .	1.3	9
22	The anisotropic linear and quadratic magneto-optical Kerr effects in epitaxial Fe/GaAs(110) film. Applied Physics Letters, 2016, 108, .	3.3	5
23	Powerful and Tunable THz Emitters Based on the Fe/Pt Magnetic Heterostructure. Advanced Optical Materials, 2016, 4, 1944-1949.	7.3	157
24	Effect of Dzyaloshinskiiâ€“Moriya interaction on magnetic vortex. AIP Advances, 2014, 4, .	1.3	24