Chao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5685281/publications.pdf

Version: 2024-02-01

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	Powerful and Tunable THz Emitters Based on the Fe/Pt Magnetic Heterostructure. Advanced Optical Materials, 2016, 4, 1944-1949.	7.3	157
2	Broadband Terahertz Generation via the Interface Inverse Rashba-Edelstein Effect. Physical Review Letters, 2018, 121, 086801.	7.8	118
3	Room-temperature chiral charge pumping in Dirac semimetals. Nature Communications, 2017, 8, 13741.	12.8	113
4	Stabilization and current-induced motion of antiskyrmion in the presence of anisotropic Dzyaloshinskii-Moriya interaction. Physical Review B, 2017, 96, .	3.2	91
5	Imaging antiferromagnetic domains in nickel oxide thin films by optical birefringence effect. Physical Review B, 2019, 100, .	3.2	36
6	Effect of Dzyaloshinskiiâ€“Moriya interaction on magnetic vortex. AIP Advances, 2014, 4, .	1.3	24
7	Magnetization reversal in kagome artificial spin ice studied by first-order reversal curves. Physical Review B, 2017, 96, .	3.2	11
8	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 50 457 Td (stretchy="false">)</mm stretchy="false">(</mml:mo><mml:mn>110</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 437 Td (stretchy="false">)</mm	3.8	11
9	Optical imaging of antiferromagnetic domains in ultrathin CoO(001) films. New Journal of Physics, 2020, 22, 083033.	2.9	11
10	Spin pumping and the inverse spin hall effect in single crystalline Fe/Pt heterostructure. AIP Advances, 2017, 7, .	1.3	10
11	Magnetic stripe domains of [Pt/Co/Cu]10 multilayer near spin reorientation transition. AIP Advances, 2016, 6, .	1.3	9
12	Anisotropic spin relaxation induced by surface spin-orbit effects. Physical Review B, 2017, 96, .	3.2	7
13	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
14	Multiple low-energy excitation states in FeNi disks observed by broadband ferromagnetic resonance measurement. Physical Review B, 2016, 94, .	3.2	6
15	Quantifying spin relaxation in mesoscopic Cu channels via a multitude of nonlocal spin valves. Physical Review B, 2019, 100, .	3.2	6
16	Exchange-Torque-Triggered Fast Switching of Antiferromagnetic Domains. Physical Review Letters, 2022, 128, 137201.	7.8	6
17	The anisotropic linear and quadratic magneto-optical Kerr effects in epitaxial Fe/GaAs(110) film. Applied Physics Letters, 2016, 108, .	3.3	5
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Magnetic domain wall contrast under zero domain contrast conditions in spin polarized low energy electron microscopy. Ultramicroscopy, 2019, 200, 132-138.	1.9	3
21	Unidirectional magnetoresistance in magnetic thin films with non-uniform thickness. AIP Advances, 2018, 8, 056320.	1.3	2
22	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
23	Direct detection of spin-orbit effective fields through magneto-optical Kerr effect. Physical Review B, 2020, 101, .	3.2	2
24	Electron quantum interference in epitaxial antiferromagnetic NiO thin films. AIP Advances, 2020, 10, 045204.	1.3	1