

Xiaochao Zhou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Current-Direction-Dependent Depinning of Vortex Domain Walls in Permalloy Zigzag Nanowires. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	0
2	Influence of a Magnetic Field on the Growth and Magnetic Properties of $Zn_{0.15}Fe_{2.85}O_4$ Nanoparticle Chains. Journal of Physical Chemistry C, 2021, 125, 2045-2054.	3.1	1
3	Preparation of sputtered Fe ₃ O ₄ thin film. Journal of Materials Science: Materials in Electronics, 2021, 32, 23645-23653.	2.2	3
4	Highly Anisotropic Magnetic Domain Wall Behavior in In-Plane Magnetic Films. Physical Review Letters, 2020, 125, 237203.	7.8	4
5	Interlayer transmission of magnons in dynamic spin valve structures. Applied Physics Letters, 2020, 116, .	3.3	4
6	Effect of Dilute Rare-Earth Doping on Magnetodynamic Properties of Permalloy Films. IEEE Magnetics Letters, 2019, 10, 1-5.	1.1	8
7	An investigation on synthesis of Fe ₃ O ₄ @nSiO ₂ @mSiO ₂ hybrid particles and peroxidation. AIP Advances, 2019, 9, .	1.3	2
8	Ferromagnet/Two-Dimensional Semiconducting Transition-Metal Dichalcogenide Interface with Perpendicular Magnetic Anisotropy. ACS Nano, 2019, 13, 2253-2261.	14.6	31
9	Facile synthesis of one dimensional core-shell structural Fe ₃ O ₄ /ZnS nanocomposites. Journal of Materials Science: Materials in Electronics, 2018, 29, 8320-8326.	2.2	1
10	Investigation of magnetization dynamics damping in Ni ₈₀ Fe ₂₀ /Nd-Cu bilayer at room temperature. AIP Advances, 2018, 8, .	1.3	5
11	Current-induced multiple domain wall motion modulated by magnetic pinning in zigzag shaped nanowires. AIP Advances, 2017, 7, 056014.	1.3	2
12	Influence of Cr layer thickness on the static and dynamic performances of Tb/Cr/Ni ₈₀ Fe ₂₀ structure. Journal of Alloys and Compounds, 2017, 695, 1324-1328.	5.5	8