

Dan Wei

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

240
citations

8
h-index

14
g-index

47
ext. papers

280
ext. citations

2.1
avg, IF

3.01
L-index

#	Paper	IF	Citations
47	Spin orbit torques induced magnetization reversal through asymmetric domain wall propagation in Ta/CoFeB/MgO structures. <i>Scientific Reports</i> , 2018 , 8, 1355	4.9	34
46	Preparation of soft magnetic FeCo-based films for writers. <i>Journal of Applied Physics</i> , 2009 , 105, 07B714	2.5	22
45	High frequency characteristics of FeCoAlO thin films combined the effects of stress and magnetic field. <i>Journal of Applied Physics</i> , 2011 , 109, 07B509	2.5	18
44	Micromagnetics and Recording Materials. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2012 ,	0.4	18
43	Investigation of microstructure and soft magnetic properties of Fe ₆₅ Co ₃₅ thin films deposited on different underlayers. <i>Journal of Applied Physics</i> , 2010 , 107, 09A325	2.5	16
42	Spin-Torque Ferromagnetic Resonance in W/CoFeB/W/CoFeB/MgO Stacks. <i>Physical Review Applied</i> , 2018 , 10,	4.3	15
41	. <i>IEEE Transactions on Magnetism</i> , 2016 , 52, 1-8	2	11
40	The role of inhomogeneity of perpendicular anisotropy in magnetic properties of ultra thin CoFeB film. <i>Journal of Applied Physics</i> , 2014 , 115, 053901	2.5	9
39	Limits of Discretization in Computational Micromagnetics. <i>IEEE Transactions on Magnetism</i> , 2011 , 47, 3813-3816		
38	Micromagnetic studies on resolution limits of magnetic force microscopy tips with different magnetic anisotropy. <i>Journal of Applied Physics</i> , 2012 , 111, 07E309	2.5	7
37	Investigations on magnetostatic interactions among CoFeB layers with perpendicular anisotropy in [Ta/CoFeB/MgO] _N multilayers. <i>Journal of Applied Physics</i> , 2014 , 115, 17C122	2.5	6
36	Anisotropy Distribution of FePt Nanoparticles With Twinned Structures. <i>IEEE Transactions on Magnetism</i> , 2009 , 45, 4427-4430	2	6
35	Influence of Intermediate Layer on Magnetic Properties of $L1_{00}$ Ordered FePt Perpendicular Recording Media. <i>IEEE Transactions on Magnetism</i> , 2010 , 46, 2024-2027	2	6
34	. <i>IEEE Transactions on Magnetism</i> , 2017 , 53, 1-4	2	5
33	Micromagnetic Studies of Co/Pt Multilayers With Perpendicular Anisotropy. <i>IEEE Transactions on Magnetism</i> , 2012 , 48, 3438-3441	2	5
32	The Role of Magnetoelastic Field Related to Underlayers on Magnetic Properties of FeCo Thin Films. <i>IEEE Transactions on Magnetism</i> , 2012 , 48, 2917-2920	2	5
31	Restoration the domain structure from magnetic force microscopy image. <i>Journal of Applied Physics</i> , 2012 , 111, 07E343	2.5	5

30	Optimum Multilayer Anisotropy Distribution for Microwave-Assisted Magnetic Recording [CoX/Pt] _n Media. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-4	2	4
29	The Fourier analysis of magnetic force microscopy imaging. <i>Journal of Applied Physics</i> , 2012 , 112, 063913	2.5	3
28	The role of symmetry-breaking-induced interface anisotropy in [Fe/Pt] _n multilayer films. <i>Journal of Applied Physics</i> , 2011 , 109, 07D343	2.5	3
27	Magnetic properties and high-frequency characteristics of FeCoAlO gradient composition thin films. <i>Journal of Applied Physics</i> , 2012 , 111, 07E723	2.5	3
26	. <i>IEEE Transactions on Magnetics</i> , 2018 , 54, 1-6	2	3
25	Studies of HAMR Recording by Hybrid Monte Carlo Micromagnetics. <i>IEEE Transactions on Magnetics</i> , 2019 , 55, 1-4	2	2
24	Micromagnetic Studies of Time-Dependent Coercivity. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-4	2	2
23	Optimization of perpendicular magnetic anisotropy tips for high resolution magnetic force microscopy by micromagnetic simulations. <i>Applied Physics A: Materials Science and Processing</i> , 2013 , 112, 985-991	2.6	2
22	Micromagnetic study of effect of tip-coating microstructure on the resolution of magnetic force microscopy. <i>Applied Physics A: Materials Science and Processing</i> , 2013 , 110, 217-225	2.6	2
21	Influence of exchange on signal-to-noise ratio in [CoX/Pt] ₄ media. <i>AIP Advances</i> , 2017 , 7, 056515	1.5	2
20	Reversal Properties of Write Head at Extremely High Density. <i>IEEE Transactions on Magnetics</i> , 2009 , 45, 3672-3675	2	2
19	Switching phase diagrams of exchange coupled composite media using two-particle model. <i>Journal of Applied Physics</i> , 2012 , 111, 07B726	2.5	2
18	High frequency characteristics of FeCoAlO thin films fabricated with asymmetric target at different Ar gas flow rates. <i>Journal of Applied Physics</i> , 2012 , 111, 07A509	2.5	2
17	Effect of Sawtooth Shape on Switching Process of Write Head. <i>IEEE Transactions on Magnetics</i> , 2008 , 44, 3145-3148	2	2
16	Simulation of M _H Loops in FeCo Polycrystalline Thin Films at Finite Temperatures. <i>Chinese Physics Letters</i> , 2017 , 34, 047502	1.8	1
15	Micromagnetic Studies of Laser-Induced Magnetization Dynamics in FePt ₃ Films. <i>IEEE Transactions on Magnetics</i> , 2018 , 54, 1-4	2	1
14	Studies on Domain Structure of FeCoZr Films From MFM Image by Calculating the Surface Stray Field. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 3553-3556	2	1
13	IEEE International Magnetics Conference 2015 Publication Chair's Preface. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-1	2	1

12	International Conference on Solid State Physics 2013 Publication Chair's Preface. <i>IEEE Transactions on Magnetism</i> , 2014 , 50, 1-1	2	1
11	Micromagnetic studies on exchange coupled composite recording media. <i>Journal of Applied Physics</i> , 2012 , 111, 07B719	2.5	1
10	Effects of crystalline and elastic anisotropies on coercivity of longitudinally oriented CoCrPt thin films grown on CrW underlayer. <i>Journal of Applied Physics</i> , 2009 , 105, 07D503	2.5	1
9	Preparation of Longitudinally Oriented CoCrPt Thin Film in GMR Head at Room Temperature. <i>IEEE Transactions on Magnetism</i> , 2008 , 44, 2858-2861	2	1
8	Micromagnetic studies of domain structures and switching properties in a magnetoresistive random access memory cell. <i>Journal of Applied Physics</i> , 2005 , 97, 10E310	2.5	1
7	Micromagnetics of NdFeB magnets at finite temperature. <i>Japanese Journal of Applied Physics</i> , 2021 , 60, 030909	1.4	1
6	Size and temperature dependence of M-H loop for Pt/CoFe/IrMn heterojunction. <i>AIP Advances</i> , 2018 , 8, 056012	1.5	0
5	Micromagnetic Studies of Spin-Torque Oscillator Adjacent to Soft Magnetic Thin Film. <i>IEEE Magnetism Letters</i> , 2016 , 7, 1-4	1.6	
4	. <i>IEEE Transactions on Magnetism</i> , 2017 , 53, 1-4	2	
3	Calculations of Phonon Density of States and Heating Rate by Molecular Dynamics in L1 FePt . <i>IEEE Transactions on Magnetism</i> , 2012 , 48, 3735-3737	2	
2	Micromagnetic Studies on Stripe Domain in Soft-Magnetic Thin Films. <i>IEEE Transactions on Magnetism</i> , 2011 , 47, 3527-3530	2	
1	Micromagnetic Studies of Density Limit in Polycrystalline Recording Media. <i>Journal of the Magnetism Society of Japan</i> , 2013 , 37, 132-136	0.7	