

Hang Khume Tan

List of Publications by Year in descending order

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papers

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citations

1163117

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19
all docs

19
docs citations

19
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of magnetostatic energy on domain structure and magnetization reversal in (Co/Pd) multilayers. Journal of Applied Physics, 2010, 107, .	2.5	42
2	Equiatomic CoPt thin films with extremely high coercivity. Journal of Applied Physics, 2014, 115, .	2.5	21
3	Visualizing the strongly reshaped skyrmion Hall effect in multilayer wire devices. Nature Communications, 2021, 12, 4252.	12.8	21
4	Dedicated Servo Recording System and Performance Evaluation. IEEE Transactions on Magnetics, 2015, 51, 1-7.	2.1	10
5	Skyrmion generation from irreversible fission of stripes in chiral multilayer films. Physical Review Materials, 2020, 4, .	2.4	10
6	Unveiling the Emergent Traits of Chiral Spin Textures in Magnetic Multilayers. Advanced Science, 2022, 9, e2103978.	11.2	10
7	Tailoring the growth of L1 ₀ -FePt for spintronics applications. Physica Status Solidi - Rapid Research Letters, 2011, 5, 426-428.	2.4	9
8	Noise Characterization of Perpendicular Recording Media by Cluster Size Measurements. IEEE Transactions on Magnetics, 2014, 50, 1-6.	2.1	9
9	Off-axis electron holography of Néel-type skyrmions in multilayers of heavy metals and ferromagnets. Ultramicroscopy, 2021, 220, 113155.	1.9	9
10	Intermixing induced anisotropy variations in CoB-based chiral multilayer films. Journal Physics D: Applied Physics, 2021, 54, 354003.	2.8	8
11	Anomalous Hall effect measurement of novel magnetic multilayers. Journal of Applied Physics, 2009, 106, 093904.	2.5	6
12	Thermal Evolution of Skyrmion Formation Mechanism in Chiral Multilayer Films. Physical Review Applied, 2022, 17, .	3.8	6
13	Planarization of Patterned Recording Media. IEEE Transactions on Magnetics, 2010, 46, 758-763.	2.1	5
14	Investigations of stacking fault density in perpendicular recording media. Journal of Applied Physics, 2014, 115, 243901.	2.5	5
15	Multiangle Reconstruction of Domain Morphology with All-Optical Diamond Magnetometry. Physical Review Applied, 2021, 16, .	3.8	4
16	Writability Improvement in Perpendicular Recording Media Using Crystalline Soft Underlayer Materials. IEEE Transactions on Magnetics, 2013, 49, 758-764.	2.1	3
17	Investigations of Stacking Faults in Stacked Granular Perpendicular Recording Media With a High-Anisotropy CoPt Layer. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	2
18	Novel planarizing scheme for patterned media. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2010, 28, 806-808.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Role of Thermal Effects on Magnetic Interactions in Stacked Magnetic Layers With Perpendicular Anisotropy. IEEE Magnetics Letters, 2014, 5, 1-4.	1.1	0