Hang Khume Tan

List of Publications by Year
in descending order

19	181	1163117 8	1125743 13
papers	citations	h-index	g-index

19	19	19	226
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unveiling the Emergent Traits of Chiral Spin Textures in Magnetic Multilayers. Advanced Science, 2022, 9, e2103978.	11.2	10
2	Thermal Evolution of Skyrmion Formation Mechanism in Chiral Multilayer Films. Physical Review Applied, 2022, 17, .	3.8	6
3	Off-axis electron holography of NÃ©el-type skyrmions in multilayers of heavy metals and ferromagnets. Ultramicroscopy, 2021, 220, 113155.	1.9	9
4	Intermixing induced anisotropy variations in CoB-based chiral multilayer films. Journal Physics D: Applied Physics, 2021, 54, 354003.	2.8	8
5	Multiangle Reconstruction of Domain Morphology with All-Optical Diamond Magnetometry. Physical Review Applied, 2021, 16, .	3.8	4
6	Visualizing the strongly reshaped skyrmion Hall effect in multilayer wire devices. Nature Communications, 2021, 12, 4252.	12.8	21
7	Skyrmion generation from irreversible fission of stripes in chiral multilayer films. Physical Review Materials, 2020, 4, .	2.4	10
8	Dedicated Servo Recording System and Performance Evaluation. IEEE Transactions on Magnetics, 2015, 51, 1-7.	2.1	10
9	Role of Thermal Effects on Magnetic Interactions in Stacked Magnetic Layers With Perpendicular Anisotropy. IEEE Magnetics Letters, 2014, 5, 1-4.	1.1	0
10	Investigations of stacking fault density in perpendicular recording media. Journal of Applied Physics, 2014, 115, 243901.	2.5	5
11	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
12	Equiatomic CoPt thin films with extremely high coercivity. Journal of Applied Physics, 2014, 115, .	2.5	21
13	Noise Characterization of Perpendicular Recording Media by Cluster Size Measurements. IEEE Transactions on Magnetics, 2014, 50, 1-6.	2.1	9
14	Writability Improvement in Perpendicular Recording Media Using Crystalline Soft Underlayer Materials. IEEE Transactions on Magnetics, 2013, 49, 758-764.	2.1	3
15	Tailoring the growth of L1₀â€FePt for spintronics applications. Physica Status Solidi - Rapid Research Letters, 2011, 5, 426-428.	2.4	9
16	Effect of magnetostatic energy on domain structure and magnetization reversal in (Co/Pd) multilayers. Journal of Applied Physics, 2010, 107, .	2.5	42
17	Novel planarizing scheme for patterned media. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2010, 28, 806-808.	1.2	1
18	Planarization of Patterned Recording Media. IEEE Transactions on Magnetics, 2010, 46, 758-763.	2.1	5

#	Article	IF	Citations
19	Anomalous Hall effect measurement of novel magnetic multilayers. Journal of Applied Physics, 2009, 106, 093904.	2.5	6