

Pin-Wei Huang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

276
citations

1163117

8
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	Curvature and Skew in Heat-Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2019, 55, 1-8.	2.1	14
2	Reduction of recording noise caused by nano-scale variations in Curie temperature. Applied Physics Letters, 2019, 114, 072402.	3.3	3
3	Effect of Recording Conditions on the Downtrack Thermal Gradient in Heat-Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	2
4	Systematic Evaluation of Microwave-Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	4
5	Using Ensemble Waveform Analysis to Compare Heat Assisted Magnetic Recording Characteristics of Modeled and Measured Signals. IEEE Transactions on Magnetics, 2017, 53, 1-6.	2.1	29
6	Thermal switching probability distribution of L10 FePt for heat assisted magnetic recording. Applied Physics Letters, 2017, 110, .	3.3	25
7	Data Rate Effects on Transition and Remanence Noise in a Modeled Heat-Assisted Magnetic Recording System. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	3
8	Parametric Comparison of Modeled and Measured Heat-Assisted Magnetic Recording Using a Common Signal-to-Noise Metric. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	16
9	High Density Heat-Assisted Magnetic Recording Media and Advanced Characterizationâ€™Progress and Challenges. IEEE Transactions on Magnetics, 2015, 51, 1-9.	2.1	72
10	Heat assisted magnetic recording: Grain size dependency, enhanced damping, and a simulation/experiment comparison. Journal of Applied Physics, 2014, 115, .	2.5	8
11	Approaching the Grain-Size Limit for Jitter Using FeRh/FePt in Heat-Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	17
12	Simulation of Heat-Assisted Magnetic Recording Using Renormalized Media Cells. IEEE Transactions on Magnetics, 2013, 49, 751-757.	2.1	73
13	Time Dependence of Magnetic Anisotropy at Finite Temperature for Homogeneous and Composite Media. IEEE Transactions on Magnetics, 2012, 48, 3188-3191.	2.1	10