

Pin-Wei Huang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of Heat-Assisted Magnetic Recording Using Renormalized Media Cells. IEEE Transactions on Magnetics, 2013, 49, 751-757.	2.1	73
2	High Density Heat-Assisted Magnetic Recording Media and Advanced Characterizationâ€™Progress and Challenges. IEEE Transactions on Magnetics, 2015, 51, 1-9.	2.1	72
3	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
4	Thermal switching probability distribution of L10 FePt for heat assisted magnetic recording. Applied Physics Letters, 2017, 110, .	3.3	25
5	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
6	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
7	Curvature and Skew in Heat-Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2019, 55, 1-8.	2.1	14
8	Time Dependence of Magnetic Anisotropy at Finite Temperature for Homogeneous and Composite Media. IEEE Transactions on Magnetics, 2012, 48, 3188-3191.	2.1	10
9	Heat assisted magnetic recording: Grain size dependency, enhanced damping, and a simulation/experiment comparison. Journal of Applied Physics, 2014, 115, .	2.5	8
10	Systematic Evaluation of Microwave-Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	4
11	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
12	Reduction of recording noise caused by nano-scale variations in Curie temperature. Applied Physics Letters, 2019, 114, 072402.	3.3	3
13	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