

Kai-Zhong Gao

List of Publications by Year in descending order

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9
papers

316
citations

1478505

6
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic recording configuration for densities beyond 1 Tb/in ² and data rates beyond 1 Gb/s. IEEE Transactions on Magnetics, 2002, 38, 3675-3683.	2.1	117
2	HAMR Recording Limitations and Extendibility. IEEE Transactions on Magnetics, 2013, 49, 686-692.	2.1	95
3	Transition jitter estimates in tilted and conventional perpendicular recording media at 1 tb/in ² . IEEE Transactions on Magnetics, 2003, 39, 704-709.	2.1	53
4	Micromagnetic study of the switching fields in polycrystalline magnetic thin-film media. IEEE Transactions on Magnetics, 2005, 41, 4236-4241.	2.1	12
5	Architecture for Hard Disk Drives. IEEE Magnetics Letters, 2018, 9, 1-5.	1.1	12
6	Micromagnetics of Ferromagnetic Nano-Devices Using the Fast Fourier Transform Method. IEEE Transactions on Magnetics, 2009, 45, 3035-3045.	2.1	10
7	Recent progress in the development of high-sensitivity tunneling magnetoresistive sensors. , 2019, , .		7
8	MTJ based magnetic sensor for current measurement in grid. AIP Advances, 2020, 10, .	1.3	6
9	Practical Challenges of Magnetic Sensors Based on Magnetic Tunnel Junctions for Power Grid Applications. IEEE Magnetics Letters, 2020, 11, 1-5.	1.1	4