

Jian-Gang Zhu

List of Publications by Year in descending order

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161
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#	ARTICLE	IF	CITATIONS
1	TDMR With Machine Learning Data Detection Channel. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	2
2	Fabrication of FePt/FePt-BN/FePt-SiO _x Granular Film for HAMR Media on Corning Lotus NXT Glass Substrate. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	3
3	CNN-Based Machine Learning Channel on TDMR Drive Data. IEEE Transactions on Magnetics, 2022, 58, 1-7.	1.2	4
4	Understanding the growth of high-aspect-ratio grains in granular L1-FePt thin-film magnetic media. APL Materials, 2022, 10, .	2.2	8
5	Automatically Resolving Intertrack Interference With Convolution Neural Network Detection Channel in TDMR. IEEE Transactions on Magnetics, 2021, 57, 1-6.	1.2	5
6	Incoherent Magnetic Switching of L1-FePt Grains. IEEE Transactions on Magnetics, 2021, 57, 1-9.	1.2	3
7	The utilization of boron nitride (BN) for granular L1-FePt HAMR media fabrication. Applied Physics Letters, 2021, 118, .	1.5	14
8	Impact of straightened thermal profiles generated by gapped near field transducers on HAMR SNR. AIP Advances, 2020, 10, 015326.	0.6	0
9	Deep Neural Network: Data Detection Channel for Hard Disk Drives by Learning. IEEE Transactions on Magnetics, 2020, 56, 1-8.	1.2	16
10	High-speed STT MRAM incorporating antiferromagnetic layer. Applied Physics Letters, 2019, 114, 022403.	1.5	7
11	Field-free Magnetization Switching by Utilizing the Spin Hall Effect and Interlayer Exchange Coupling of Iridium. Scientific Reports, 2019, 9, 325.	1.6	48
12	Impact of Magnetic Medium Grain Height in Heat-Assisted Magnetic Recording. IEEE Magnetics Letters, 2019, 10, 1-5.	0.6	8
13	Impact of Spin Torque Oscillator Frequency in Microwave-Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2019, 55, 1-8.	1.2	4
14	Resonant Spin-Transfer Torque Magnetoresistive Memory. IEEE Transactions on Magnetics, 2019, 55, 1-7.	1.2	3
15	Novel Cascadable Magnetic Majority Gates for Implementing Comprehensive Logic Functions. IEEE Transactions on Electron Devices, 2018, 65, 4687-4693.	1.6	8
16	Segmented media and medium damping in microwave assisted magnetic recording. AIP Advances, 2018, 8, 056508.	0.6	2
17	Spin Hall driven domain wall motion in magnetic bilayers coupled by a magnetic oxide interlayer. AIP Advances, 2018, 8, 056306.	0.6	2
18	Micromagnetics of FePt-L10 Media With Thermally Insulating Magnetic Grain Boundaries. IEEE Transactions on Magnetics, 2018, 54, 1-4.	1.2	1

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19	Antiferromagnet-based magnonic spin-transfer torque. <i>Physical Review B</i> , 2018, 98, .	1.1	15
20	A study on the effects of temperature and substrate structure on the templated two-phase film growth via a hybrid model. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	1
21	Tailoring the Current-Driven Domain Wall Motion by Varying the Relative Thickness of Two Heavy Metal Underlayers. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-5.	1.2	6
22	Microstructure Analysis on Size Distribution During Film Growth in HAMR Media. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-4.	1.2	2
23	Fabrication of bit patterned media using templated two-phase growth. <i>APL Materials</i> , 2017, 5, .	2.2	3
24	Medium Stack Optimization for Microwave-Assisted Magnetic Recording. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-5.	1.2	11
25	Increased boron content for wider process tolerance in perpendicular MTJs. <i>AIP Advances</i> , 2017, 7, 055901.	0.6	3
26	Annealing effect on current-driven domain wall motion in Pt/[Co/Ni] wire. <i>Journal of Applied Physics</i> , 2017, 122, .	1.1	4
27	Write head field design for correcting transition curvature in heat assisted magnetic recording. <i>AIP Advances</i> , 2017, 7, .	0.6	9
28	Effective Field Analysis of Segmented Media for Microwave-Assisted Magnetic Recording. <i>IEEE Magnetics Letters</i> , 2017, 8, 1-4.	0.6	9
29	Curvature-Eliminating Head Field and Track Edge Characteristics in Heat-Assisted Magnetic Recording. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-4.	1.2	7
30	Energetic molding of chiral magnetic bubbles. <i>Physical Review B</i> , 2016, 94, .	1.1	39
31	Dynamic Feedback in Ferromagnetâ€™Spin Hall Metal Heterostructures. <i>Physical Review Letters</i> , 2016, 117, 097202.	2.9	17
32	Antiferromagnetic Spin Wave Field-Effect Transistor. <i>Scientific Reports</i> , 2016, 6, 24223.	1.6	92
33	Distinguishing Random and Spatially Deterministic Noise Components in Heat-Assisted Magnetic Recording. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-4.	1.2	2
34	Ultrafast switching of antiferromagnets via spin-transfer torque. <i>Physical Review B</i> , 2015, 91, .	1.1	78
35	Modeling of electrically controlled molecular diffusion in a nanofluidic channel. <i>Journal of Applied Physics</i> , 2015, 118, 074301.	1.1	11
36	All-magnetic magnetoresistive random access memory based on four terminal mCell device. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	13

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37	Quantitative transmission electron microscopy analysis of multi-variant grains in present L1-FePt based heat assisted magnetic recording media. Journal of Applied Physics, 2014, 116, .	1.1	38
38	SNR and Areal Density Gain in MAMR With Segmented Media. IEEE Transactions on Magnetics, 2014, 50, 74-82.	1.2	17
39	Novel Scheme for Producing Nanoscale Uniform Grains Based on Templated Two-Phase Growth. Nano Letters, 2014, 14, 1609-1613.	4.5	16
40	Conductive Nanoporous Membranes: Self-Assembling Block Copolymers for Smart Drug Delivery. , 2014, , 1-6.		1
41	Naturally Oxidized FeCo as a Magnetic Coupling Layer for Electrically Isolated Read/Write Paths in mLogic. IEEE Transactions on Magnetics, 2013, 49, 4351-4354.	1.2	18
42	Increased Perpendicular TMR in FeCoB/MgO/FeCoB Magnetic Tunnel Junctions by Seedlayer Modifications. IEEE Transactions on Magnetics, 2013, 49, 4383-4385.	1.2	13
43	Effect of RuAl and TiN Underlayers on Grain Morphology, Ordering, and Magnetic Properties of FePt-SiO _x Thin Films. IEEE Transactions on Magnetics, 2013, 49, 3663-3666.	1.2	4
44	Understanding Signal and Noise in Heat Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2013, 49, 765-772.	1.2	95
45	Annealing effect and under/capping layer study on Co/Ni multilayer thin films for domain wall motion. Journal of Applied Physics, 2013, 113, 17C116.	1.1	14
46	Multiple oxide content media for columnar grain growth in L1 FePt thin films. Applied Physics Letters, 2013, 102, .	1.5	20
47	The Role of Media Property Distribution in HAMR SNR. IEEE Transactions on Magnetics, 2013, 49, 3568-3571.	1.2	21
48	Thermal boundary resistance for gold and CoFe alloy on silicon nitride films. Journal of Applied Physics, 2012, 111, .	1.1	11
49	SPINTRONIC DEVICES AND CIRCUITS FOR LOW-VOLTAGE LOGIC. International Journal of High Speed Electronics and Systems, 2012, 21, 1250005.	0.3	6
50	Novel STT-MTJ Device Enabling All-Metallic Logic Circuits. IEEE Transactions on Magnetics, 2012, 48, 3215-3218.	1.2	56
51	mLogic. , 2012, , .		66
52	Optimization of Ta thickness for perpendicular magnetic tunnel junction applications in the MgO-FeCoB-Ta system. Applied Physics Letters, 2012, 101, 072411.	1.5	65
53	Thermal Characterization of SiC Amorphous Thin Films. International Journal of Thermophysics, 2012, 33, 1000-1012.	1.0	19
54	Correction of Order Parameter Calculations for FePt Perpendicular Thin Films. IEEE Transactions on Magnetics, 2012, 48, 7-12.	1.2	74

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55	Highly Ordered FePt L_{1-0} Thin Films With Small Grains on RuAl Seed Layers. IEEE Transactions on Magnetics, 2011, 47, 81-86.	1.2	9
56	Understanding field angle for heat assisted magnetic recording via dynamic modeling. Journal of Applied Physics, 2011, 109, .	1.1	6
57	Influences of film microstructure and defects on magnetization reversal in bit patterned Co/Pt multilayer thin film media. Journal of Applied Physics, 2011, 109, 093908.	1.1	7
58	A path for conventional perpendicular recording to reach 1 Tb/in.2 and beyond. Journal of Applied Physics, 2011, 109, .	1.1	2
59	Extendibility of traditional perpendicular magnetic recording for hard disk drives. Journal of Applied Physics, 2011, 109, 07B774.	1.1	1
60	SNR Impact of Media Anisotropy Near Curie Temperature in Heat-Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2011, 47, 2368-2370.	1.2	4
61	SNR Enhancement in Segmented Perpendicular Media. IEEE Transactions on Magnetics, 2011, 47, 4066-4072.	1.2	19
62	Fabrication and Recording of Bit Patterned Media Prepared by Rotary Stage Electron Beam Lithography. IEEE Transactions on Magnetics, 2011, 47, 2656-2659.	1.2	3
63	Precise Measurement of the Transition Curvature in Magnetic Recording. IEEE Transactions on Magnetics, 2011, 47, 2977-2980.	1.2	0
64	Magnetic anisotropy and stacking faults in Co and Co ₈₄ Pt ₁₆ epitaxially grown thin films. Journal of Applied Physics, 2011, 110, 093919.	1.1	17
65	Understanding Noise Mechanism in Small Grain Size Perpendicular Thin Film Media. IEEE Transactions on Magnetics, 2010, 46, 2391-2393.	1.2	12
66	Characterization of Oxide Materials for Exchange Decoupling in Perpendicular Thin Film Media. IEEE Transactions on Magnetics, 2010, 46, 2260-2263.	1.2	19
67	Co-7% Ir Soft Magnetic Intermediate Layer for Perpendicular Media. IEEE Transactions on Magnetics, 2010, 46, 2278-2281.	1.2	3
68	Origin of room temperature ferromagnetic moment in Rh-rich [Rh/Fe] multilayer thin films. Journal of Applied Physics, 2010, 107, 09E318.	1.1	12
69	Microwave Assisted Magnetic Recording Utilizing Perpendicular Spin Torque Oscillator With Switchable Perpendicular Electrodes. IEEE Transactions on Magnetics, 2010, 46, 751-757.	1.2	117
70	Media damping constant and performance characteristics in microwave assisted magnetic recording with circular ac field. Journal of Applied Physics, 2009, 105, 07B902.	1.1	26
71	Measurement of high data rate performance in perpendicular magnetic recording. Journal of Applied Physics, 2009, 105, 07B735.	1.1	1
72	Topology and elemental distribution in Co alloy:oxide perpendicular media. Journal of Applied Physics, 2009, 105, 07B739.	1.1	7

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73	Simulation of Realistic Particle Packing and Impact on High-Density Tape Recording. IEEE Transactions on Magnetics, 2009, 45, 3737-3740.	1.2	6
74	TDMR Platform Simulations and Experiments. IEEE Transactions on Magnetics, 2009, 45, 3837-3843.	1.2	52
75	Spin-transfer induced switching in nanomagneto-resistive devices composed of Co/Pt multilayers with perpendicular magnetic anisotropy. Journal of Applied Physics, 2009, 105, 07D129.	1.1	11
76	Microwave Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2008, 44, 125-131.	1.2	510
77	Magneto-resistive Random Access Memory: The Path to Competitiveness and Scalability. Proceedings of the IEEE, 2008, 96, 1786-1798.	16.4	207
78	Spin Transfer Torque in Deep Submicron Annular CPP-GMR Devices. IEEE Transactions on Magnetics, 2008, 44, 2500-2503.	1.2	5
79	Narrow Track Confinement by AC Field Generation Layer in Microwave Assisted Magnetic Recording. IEEE Transactions on Magnetics, 2008, 44, 3376-3379.	1.2	37
80	Writability in Discrete Track Media. IEEE Transactions on Magnetics, 2008, 44, 3442-3445.	1.2	2
81	Co/Pt multilayer based magnetic tunnel junctions using perpendicular magnetic anisotropy. Journal of Applied Physics, 2008, 103, .	1.1	122
82	Dual Easy Axes Effect on Nanosized Near-Spherical Particles for Advanced Tape Storage. IEEE Transactions on Magnetics, 2008, 44, 3557-3560.	1.2	0
83	Lithographically patterned servo position error signal patterns in perpendicular disks. Journal of Applied Physics, 2008, 103, 07C511.	1.1	5
84	Optimization of perpendicular recording on exchange coupled composite media. Journal of Applied Physics, 2008, 103, 07F527.	1.1	3
85	Reduction of adjacent track encroachment in exchange coupled composite media through soft magnetic layer with high Ku. Journal of Applied Physics, 2008, 103, 07F530.	1.1	5
86	Control of resputtering in biased CoCrPt/SiO ₂ media to enhance grain decoupling and grain size distribution. Journal of Applied Physics, 2008, 103, 07F541.	1.1	7
87	CoCrPt/SiO ₂ granular-type longitudinal media on Ru underlayer for sputtered tape applications. Journal of Applied Physics, 2008, 103, 07F545.	1.1	0
88	Polarization Sensitive time reversal SAR imaging in an environment filled with trees. , 2007, , .		2
89	Antenna Array Detection in Highly Cluttered Environment Using Time Reversal Method. IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium, 2007, , .	0.0	3
90	Synthetic Aperture Radar Ghost Image Cancellation Using Broadband Time Reversal Averaging Techniques. IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium, 2007, , .	0.0	2

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91	Micromagnetics of Percolated Perpendicular Media. IEEE Transactions on Magnetics, 2007, 43, 687-692.	1.2	21
92	Fabrication, Microstructure, Magnetic, and Recording Properties of Percolated Perpendicular Media. IEEE Transactions on Magnetics, 2007, 43, 693-697.	1.2	26
93	Effect of Damping Constant on Magnetic Switching in Spin Torque Driven Perpendicular MRAM. IEEE Transactions on Magnetics, 2007, 43, 2349-2351.	1.2	11
94	The Effects of Post-Annealing on the Microstructure and Magnetic Properties of Percolated Perpendicular Media. IEEE Transactions on Magnetics, 2007, 43, 2136-2138.	1.2	9
95	Modifying Viterbi Algorithm to Mitigate Intertrack Interference in Bit-Patterned Media. IEEE Transactions on Magnetics, 2007, 43, 2274-2276.	1.2	52
96	Fabrication of Flyable Perpendicular Discrete Track Media. IEEE Transactions on Magnetics, 2007, 43, 2127-2129.	1.2	20
97	Domain Wall Pinning and Corresponding Energy Barrier in Percolated Perpendicular Medium. IEEE Transactions on Magnetics, 2007, 43, 2139-2141.	1.2	10
98	Recording Performance Study of PMR Media With Patterned Tracks. IEEE Transactions on Magnetics, 2007, 43, 2292-2294.	1.2	15
99	Study of Lithographically Defined Data Track and Servo Patterns. IEEE Transactions on Magnetics, 2007, 43, 4106-4112.	1.2	12
100	A medium microstructure for high area density perpendicular recording. Journal of Applied Physics, 2006, 99, 08Q903.	1.1	48
101	Writer pole tip remanence in perpendicular recording. IEEE Transactions on Magnetics, 2006, 42, 473-480.	1.2	14
102	Experimental Study of Perpendicular Write Heads at Data Rates Beyond 2 Gb/s. IEEE Transactions on Magnetics, 2006, 42, 2425-2427.	1.2	8
103	Micromagnetics of Percolated Perpendicular Medium for 1 Tb/in ² and Beyond. IEEE Transactions on Magnetics, 2006, 42, 2360-2362.	1.2	9
104	Spin Torque Enhancement of Thermally Excited Ferromagnetic Resonance in Tunneling MR Heads. IEEE Transactions on Magnetics, 2006, 42, 2441-2443.	1.2	6
105	Spin Torque and Field-Driven Perpendicular MRAM Designs Scalable to Multi-Gb/Chip Capacity. IEEE Transactions on Magnetics, 2006, 42, 2739-2741.	1.2	71
106	Bias-Field-Free Microwave Oscillator Driven by Perpendicularly Polarized Spin Current. IEEE Transactions on Magnetics, 2006, 42, 2670-2672.	1.2	60
107	The effect of external magnetic field on mark size in heat-assisted probe recording on CoNi ^{1-x} Pt multilayers. Journal of Applied Physics, 2006, 99, 023902.	1.1	20
108	Fabrication and testing of deep submicron annular vertical magnetoresistive random access memory elements. Journal of Applied Physics, 2006, 99, 08H709.	1.1	29

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109	Dynamic domain motion of thermal-magnetically formed marks on CoNi•Pt multilayers. Journal of Applied Physics, 2006, 100, 053901.	1.1	19
110	Experimental results on single antenna target detection using time-reversal techniques. , 2006, , .		4
111	Single antenna target detection using broadband frequency selection time reversal method. , 2006, , .		4
112	Toward an understanding of grain-to-grain anisotropy field variation in thin film media. IEEE Transactions on Magnetics, 2005, 41, 543-548.	1.2	23
113	Experimental study of overwrite mechanism in perpendicular recording. IEEE Transactions on Magnetics, 2005, 41, 3076-3078.	1.2	4
114	Dependence of the pole-tip remanence on the medium magnetization state underneath the trailing shield of a perpendicular write head. Journal of Applied Physics, 2005, 97, 10N518.	1.1	11
115	Inverse magnetoresistance in magnetic tunnel junction with an Fe/sub 3/O/sub 4/ electrode. , 2005, , .		0
116	Angular dependence of the microwave excitation by direct current. Journal of Applied Physics, 2004, 95, 7318-7320.	1.1	10
117	Spin transfer excited regular and chaotic spin waves in current perpendicular to plane spin valves. Journal of Applied Physics, 2004, 95, 6630-6632.	1.1	39
118	Ultrahigh-Density Arrays of Ferromagnetic Nanorings on Macroscopic Areas. Advanced Materials, 2004, 16, 2155-2159.	11.1	109
119	Voltage Assisted Perpendicular Write Head. IEEE Transactions on Magnetics, 2004, 40, 2344-2346.	1.2	0
120	Current Induced Noise in CPP Spin Valves. IEEE Transactions on Magnetics, 2004, 40, 2323-2325.	1.2	28
121	A Model for Mark Size Dependence on Field Emission Voltage in Heat-Assisted Magnetic Probe Recording on CoNi/Pt Multilayers. IEEE Transactions on Magnetics, 2004, 40, 2549-2551.	1.2	24
122	Micromagnetic Modeling of SNR Performance of Longitudinal and Perpendicular Media With Various Head/SUL Combinations. IEEE Transactions on Magnetics, 2004, 40, 2555-2557.	1.2	4
123	Thermal Stability Enhancement of Perpendicular Media With High-Order Uniaxial Anisotropy. IEEE Transactions on Magnetics, 2004, 40, 2579-2581.	1.2	10
124	Micromagnetic simulation of effect of stress-induced anisotropy in soft magnetic thin films. Journal of Applied Physics, 2004, 95, 6864-6866.	1.1	14
125	The role of SUL in readback and effect on linear density performance for perpendicular recording. IEEE Transactions on Magnetics, 2003, 39, 1961-1966.	1.2	7
126	A vertical MRAM free of write disturbance. IEEE Transactions on Magnetics, 2003, 39, 2854-2856.	1.2	51

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127	Side-reading free spin-valve read sensor. IEEE Transactions on Magnetics, 2003, 39, 576-578.	1.2	1
128	Stitched pole-tip design with enhanced head field for perpendicular recording. Journal of Applied Physics, 2003, 93, 6540-6542.	1.1	6
129	Understanding field rise time and magnetic damping in thin film recording heads. Journal of Applied Physics, 2003, 93, 6447-6449.	1.1	6
130	Thermally excited ferromagnetic resonance as diagnostic tool for spin valve heads. Journal of Applied Physics, 2003, 93, 8579-8581.	1.1	15
131	On the shape optimization of magnetic random access memory element design. Journal of Applied Physics, 2003, 93, 8376-8378.	1.1	13
132	Dependence of thermomagnetic mark size on applied STM voltage in Co-Pt multilayers. IEEE Transactions on Magnetics, 2002, 38, 1895-1897.	1.2	18
133	Thermal magnetic noise and spectra in spin valve heads. Journal of Applied Physics, 2002, 91, 7273.	1.1	61
134	A detached pole tip design of perpendicular write heads for high data-rate recording. IEEE Transactions on Magnetics, 2002, 38, 2240-2242.	1.2	20
135	An undergraduate laboratory in magnetic recording fundamentals. IEEE Transactions on Education, 2001, 44, 224-231.	2.0	7
136	2D write addressability of tunneling junction MRAM elements. IEEE Transactions on Magnetics, 2001, 37, 1963-1966.	1.2	8
137	Current-driven reversal in annular vertical giant magnetoresistive devices. Applied Physics Letters, 2001, 78, 2029-2030.	1.5	24
138	Switching fluctuations and density limitations of pseudospin valve memory. Journal of Applied Physics, 2000, 87, 7061-7063.	1.1	13
139	Analysis of dropout peakshift in magnetic tape recording. IEEE Transactions on Magnetics, 2000, 36, 2170-2172.	1.2	5
140	Investigation of advanced position error signal patterns in patterned media. Journal of Applied Physics, 2000, 87, 5117-5119.	1.1	15
141	Effect of crystalline microstructure in patterned Co and Permalloy/Co film elements. IEEE Transactions on Magnetics, 2000, 36, 2623-2625.	1.2	0
142	Impact of write equalization on high-density particulate recording systems. IEEE Transactions on Magnetics, 2000, 36, 2091-2097.	1.2	1
143	High speed characteristics of thin film write heads at deep submicron track width. Journal of Applied Physics, 2000, 87, 5416-5418.	1.1	6
144	Spin stand study of density dependence of switching properties in patterned media. IEEE Transactions on Magnetics, 2000, 36, 2999-3001.	1.2	9

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145	Recording, noise, and servo characteristics of patterned thin film media. IEEE Transactions on Magnetism, 2000, 36, 23-29.	1.2	60
146	Understanding overwrite for high speed magnetic recording. IEEE Transactions on Magnetism, 1999, 35, 2532-2534.	1.2	3
147	Effect of grain size and crystalline orientation on magnetic switching. Journal of Applied Physics, 1999, 85, 4776-4778.	1.1	17
148	Spin valve and dual spin valve heads with synthetic antiferromagnets. IEEE Transactions on Magnetism, 1999, 35, 655-660.	1.2	76
149	Analytical approach to driving efficiency in yoke GMR heads. IEEE Transactions on Magnetism, 1999, 35, 2550-2552.	1.2	3
150	Magnetization vortices and anomalous switching in patterned NiFeCo submicron arrays. Applied Physics Letters, 1999, 74, 2525-2527.	1.5	84
151	Micromagnetic study of network media. IEEE Transactions on Magnetism, 1998, 34, 1609-1611.	1.2	10
152	Characteristics of AP bias in spin valve memory elements. IEEE Transactions on Magnetism, 1998, 34, 1063-1065.	1.2	64
153	Micromagnetic principles in pseudo spin valve memory element design. IEEE Transactions on Magnetism, 1997, 33, 3286-3288.	1.2	11
154	Transition noise in nanobycrystalline thin film media. IEEE Transactions on Magnetism, 1997, 33, 2950-2952.	1.2	2
155	Recording and transition noise simulations in thin film media. IEEE Transactions on Magnetism, 1988, 24, 2706-2708.	1.2	62
156	Micromagnetics of narrow track width single pole write heads. , 0, , .		0
157	Single Antenna Time reversal Adaptive Interference Cancellation. , 0, , .		10
158	A novel time reversal method for target detection in cluttered media. , 0, , .		5
159	Waveform Shaping for Time Reversal Interference Cancellation: A Time Domain Approach. , 0, , .		2
160	Experimental results on target detection in cluttered medium using electromagnetic time-reversal techniques. , 0, , .		4
161	Array Processing Using Time Reversal: Experiments and Performance. , 0, , .		3