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List of Publications by Year
in descending order

39 papers	687 citations	471509 17 h-index	552781 26 g-index
39 all docs	39 docs citations	39 times ranked	617 citing authors

#	Article	IF	Citations
1	Material dependence of magnetic force microscopy performance using carbon nanotube probes: Experiments and simulation. Journal of Applied Physics, 2014, 115, 093907.	2.5	1
2	Challenges toward higher temperature operation of LiFePO4. Journal of Power Sources, 2012, 214, 166-170.	7.8	20
3	The advantages of the magnetic structure in ferromagnetic-film-coated carbon nanotube probes. Nanotechnology, 2012, 23, 035501.	2.6	9
4	Fabrication, Magnetic, and R/W Properties of Nitrogen-Ion-Implanted Co/Pd and CoCrPt Bit-Patterned Medium. IEEE Transactions on Magnetics, 2010, 46, 2020-2023.	2.1	16
5	Reproduced Dot Image of Nitrogen Ion Implanted Co/Pd Bit Patterned Media With Flying Head. IEEE Transactions on Magnetics, 2010, 46, 3648-3651.	2.1	1
6	Magnetization suppression in Co/Pd and CoCrPt by nitrogen ion implantation for bit patterned media fabrication. Journal of Applied Physics, 2010, 107, .	2.5	18
7	Reduction of magnetic grain size of perpendicular recording media with CoCrW seed layer. Journal of Applied Physics, 2009, 105, 07B721.	2.5	3
8	Nanopattern transfer from high-density self-assembled nanosphere arrays on prepatterned substrates. Nanotechnology, 2009, 20, 455303.	2.6	7
9	Electrical conductance properties for magnetic tunnel junctions with MgO barriers. Journal of Magnetism and Magnetic Materials, 2008, 320, 2959-2962.	2.3	7
10	Hard Magnetic FePt Nanoparticles by Adsorption-Annealing and Orientation Control. Japanese Journal of Applied Physics, 2007, 46, L1105-L1107.	1.5	4
11	A strong enhancement of CPP-GMR by using large resistivity magnetic materials. Journal of Magnetism and Magnetic Materials, 2007, 310, 1895-1896.	2.3	6
12	A Co-SiO2 granular material as a new current confining layer for current-perpendicular-to-plane spin valves. , 2006, , .		2
13	Formation of Grain- Isolated Co80Pt20 Magnetic Films for Granular-Type Perpendicular Media. , 2006, , .		2
14	A Co-SiO$_2$Granular Material as a New Current-Confining Layer for Current Perpendicular-to-Plane Spin Valves. IEEE Transactions on Magnetics, 2006, 42, 2456-2458.	2.1	11
15	Magnetic Orientation of Chemically Partially Ordered FePt Nanoparticles by Annealing in Magnetic Field. Japanese Journal of Applied Physics, 2006, 45, 6528-6533.	1.5	2
16	Recording characteristics of CoPtCrâ€“SiO2 perpendicular media. Journal of Magnetism and Magnetic Materials, 2005, 287, 176-180.	2.3	5
17	Chemically synthesized FePt nanoparticle material for ultrahigh-density recording. IEEE Transactions on Magnetics, 2005, 41, 665-669.	2.1	22
18	Microstructure improvement of thin Ru underlayer for CoCrPt-SiO/sub 2/ granular perpendicular media. IEEE Transactions on Magnetics, 2005, 41, 3169-3171.	2.1	44

#	Article	IF	Citations
19	CoFe-Coated Carbon Nanotube Probes for Magnetic Force Microscope. Japanese Journal of Applied Physics, 2005, 44, 2077-2080.	1.5	35
20	Signal-to-media-noise ratio improvement of CoCrPt-SiO2 granular perpendicular media by stacked Ru underlayer. Journal of Applied Physics, 2005, 97, 10N119.	2.5	32
21	A magnetic force microscope using CoFe-coated carbon nanotube probes. Nanotechnology, 2005, 16, 24-27.	2.6	66
22	Fine Tuning of the Sizes of FePt Nanoparticles. Japanese Journal of Applied Physics, 2005, 44, 1147-1149.	1.5	25
23	Magnetic properties of magnetically isolated L10-FePt nanoparticles. Applied Physics Letters, 2004, 85, 1748-1750.	3.3	25
24	Disk substrate deposition techniques for monodisperse chemically synthesized FePt nanoparticle media. Applied Physics Letters, 2003, 83, 5253-5255.	3.3	37
25	Monolayer of physically separated fept islands with a tetragonal L1/sub 0/ structure produced by thermally created mass transport. IEEE Transactions on Magnetics, 2003, 39, 1925-1929.	2.1	10
26	L10-FePt Nanoparticles in a Magnetically Isolated State. Japanese Journal of Applied Physics, 2003, 42, L1252-L1254.	1.5	19
27	Domain imaging of magnetic recording media by spin-polarized scanning tunneling microscopy. , 1999, , .		0
28	Spin-polarized tunneling by spin-polarized scanning tunneling microscopy. Journal of Applied Physics, 1998, 83, 6831-6833.	2.5	19
29	Raman scattering and X-ray diffraction study in layered cuprates. Physica C: Superconductivity and Its Applications, 1992, 202, 175-187.	1.2	37
30	Structure, exchange interaction, and Madelung potential of R2CuO4 (R=Pr, Nd, Sm, Eu, Gd, and La). Physica C: Superconductivity and Its Applications, 1991, 185-189, 973-974.	1.2	0
31	Crystal Structure and Madelung Potential in R2-xCexCuO4-Î´(R=Pr, Nd, Sm, Eu and Gd) System. Japanese Journal of Applied Physics, 1991, 30, L981-L984.	1.5	33
32	Raman Scattering in Cuprate Oxides without Apical Oxygen Atoms. Japanese Journal of Applied Physics, 1990, 29, L1150-L1152.	1.5	4
33	Synthesis of Single Phased Bi-Pb-Sr-Ca-Cu-O Superconductor. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 184, 325-333.	0.3	2
34	Preparation and magnetic properties of Biâ€Pbâ€Srâ€Caâ€Cuâ€O superconducting ceramics. Applied Physics Letters, 1989, 54, 2253-2255.	3.3	23
35	The Effect of Ca2PbO4Addition on Superconductivity in a Bi-Sr-Cu-O System. Japanese Journal of Applied Physics, 1989, 28, L75-L77.	1.5	95
36	Sr Substitution Effect in Ba-Y-Cu-O System. Journal of the Ceramic Society of Japan, 1988, 96, 517-520.	1.3	0

#	Article	IF	Citations
37	Print Quality Inspection System Based On Humar Response For A Wire Dot-Matrix Printer. Proceedings of SPIE, 1987, , .	0.8	0
38	Conduction Band Structure of SrTiO₃. Japanese Journal of Applied Physics, 1985, 24, 335.	1.5	45
39	Monolayer of closely packed FePt islands with a tetragonal L1/sub 0/ structure produced by thermally created mass transport. , 0, , .		0