

Nh Duc

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Meander anisotropic magnetoresistance bridge geomagnetic sensors. Journal of Science: Advanced Materials and Devices, 2019, 4, 327-332.	1.5	7
2	Detection of magnetic nanoparticles using simple AMR sensors in Wheatstone bridge. Journal of Science: Advanced Materials and Devices, 2016, 1, 98-102.	1.5	30
3	Geomagnetic sensors based on Metglas/PZT laminates. Sensors and Actuators A: Physical, 2012, 179, 78-82.	2.0	38
4	Enhancement of the Magnetic Flux in Metglas/PZT-Magnetolectric Integrated 2D Geomagnetic Device. Journal of Magnetism, 2012, 17, 308-315.	0.2	18
5	Sensitivity Dependence of the Planar Hall Effect Sensor on the Free Layer of the Spin-Valve Structure. IEEE Transactions on Magnetics, 2009, 45, 2374-2377.	1.2	11
6	Magnetolectric sensor for microtesla magnetic-fields based on (Fe ₈₀ Co ₂₀) ₇₈ Si ₁₂ B ₁₀ /PZT laminates. Sensors and Actuators A: Physical, 2009, 149, 229-232.	2.0	48
7	Structural and magnetic properties of starch-coated magnetite nanoparticles. Journal of Experimental Nanoscience, 2009, 4, 259-267.	1.3	68
8	Magnetic sensors based on piezoelectric-magnetostrictive composites. Journal of Alloys and Compounds, 2008, 449, 214-218.	2.8	68
9	Discontinuous spring magnet-type magnetostrictive Terfecohan/YFeCo multilayers: A novel nanostructured material principle for excellent magnetic softness. Journal of Magnetism and Magnetic Materials, 2007, 310, 2459-2465.	1.0	0
10	Longitudinal Hall effect in Terfecohan thin films with perpendicular magnetic anisotropy. Journal of Magnetism and Magnetic Materials, 2007, 316, e269-e272.	1.0	1
11	Magnetization and magnetostriction process in spring-magnet TbFeCo/Fe multilayers with variable TbFeCo thickness. Journal of Magnetism and Magnetic Materials, 2007, 316, 379-382.	1.0	1
12	High-field magnetization process in novel TbFeCo/YFeCo magnetostrictive spring magnet type multilayers. Journal of Alloys and Compounds, 2006, 408-412, 37-42.	2.8	1
13	Novel exchange-spring configuration for excellent magnetic and magnetostrictive softness. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 800-803.	1.0	10
14	Mössbauer spectroscopic evaluation of chemical and electronic distributions in La(Fe _{0.81} Si _{0.19}) ₁₃ . Journal of Magnetism and Magnetic Materials, 2004, 269, 404-409.	1.0	31
15	Magnetisation and magnetostriction in Fe/Terfecohan/Fe sandwich films with an extended domain wall formation. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1597-E1599.	1.0	3
16	Structural, magnetostriction and Mössbauer studies of Fe/Tb(Fe _{0.55} Co _{0.45}) _{1.5} /Fe sandwich films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2086-2087.	1.0	2
17	Nanostructure and magnetization reversal process in TbFeCo/Yx(FeCo) _{1-x} spring-magnet type multilayers. Journal of Magnetism and Magnetic Materials, 2004, 282, 44-48.	1.0	4
18	Nanostructure and magnetic properties of Fe _{0.56} Cu _{0.44} films. Journal of Magnetism and Magnetic Materials, 2003, 262, 420-426.	1.0	3

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19	Microstructure and magnetic studies of magnetostrictive TerfecoHan/YFeCo multilayers. Journal of Magnetism and Magnetic Materials, 2003, 262, 361-367.	1.0	2
20	Magnetic study of nanocrystalline iron particles in alumina matrix. Journal of Magnetism and Magnetic Materials, 2003, 262, 368-373.	1.0	11
21	A Mössbauer study of the spin reorientation transition in DyFe ₁₁ Mo. Journal of Magnetism and Magnetic Materials, 2003, 262, 452-457.	1.0	7
22	Magnetic properties of Tb _{1-x} Y _x (Co _{0.85} Si _{0.15}) ₂ compounds. Journal of Magnetism and Magnetic Materials, 2003, 262, 472-478.	1.0	1
23	Magnetisation process and magnetostriction in Fe/TerfecoHan/Fe sandwich films with perpendicular magnetic anisotropy. Physica B: Condensed Matter, 2003, 327, 328-333.	1.3	9
24	Development of giant low-field magnetostriction in a-TerfecoHan-based single layer, multilayer and sandwich films. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 1411-1417.	1.0	20
25	Excellent magnetic softness in magnetostrictive TbFeCo/YFe multilayers. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 1425-1427.	1.0	4
26	Metamagnetism, giant magnetoresistance and magnetocaloric effects in RCo ₂ -based compounds in the vicinity of the Curie temperature. Physica B: Condensed Matter, 2002, 319, 1-8.	1.3	177
27	Intersublattice exchange coupling in rare earth-iron-based R-Fe-LT intermetallics (LT=light transition) $T_{\text{J}} = 0.7843 \frac{1}{1.3} \text{rgBT}$	1.3	14
28	Magnetic and Mossbauer Studies of Perpendicular Magnetic Anisotropy in Nanocrystalline Gd-Fe Films. Transactions of the Magnetics Society of Japan, 2002, 2, 202-204.	0.5	0
29	Magnetic and Mössbauer studies of the DyFe ₁₁ Mo compound. Journal of Magnetism and Magnetic Materials, 2001, 237, 10-16.	1.0	6
30	Evolution of magnetism in Ho(Co _{1-x} Si _x) ₂ compounds. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 597-598.	1.0	5
31	Role of the early transition elements on the intersublattice exchange coupling in the rare-earth-iron intermetallics. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1107-1108.	1.0	8
32	Effects of Al substitution on intersublattice-exchange interaction in GdCo _{5-x} Al _x . Journal of Magnetism and Magnetic Materials, 1998, 177-181, 819-820.	1.0	5
33	Co magnetism and related phenomena in the Er(Co _{1-x} Si _x) ₂ compounds. Journal of Magnetism and Magnetic Materials, 1998, 182, 143-151.	1.0	20
34	Exchange interactions in amorphous Gd-Fe alloys. Journal of Magnetism and Magnetic Materials, 1998, 185, 105-108.	1.0	12
35	Magnetism and related phenomena in RE(Co _{1-x} Si _x) ₂ compounds. Journal of Alloys and Compounds, 1997, 262-263, 141-146.	2.8	13
36	Exchange interactions in amorphous Gd-Co alloys. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 169-170.	1.0	15

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37	Effects of 3d-p hybridization on intersublattice exchange interactions in $R^{1-}Co^{1-}B$ compounds. Journal of Magnetism and Magnetic Materials, 1995, 151, L13-L18.	1.0	33
38	Magnetic phase transitions in (Nd, Dy)Co ₂ and (Pr, Dy)Co ₂ compounds. Physica B: Condensed Matter, 1993, 191, 239-247.	1.3	39
39	The magnetovolume properties of $Y(Co_{1-x}Al_x)_2$ compounds. Journal of Magnetism and Magnetic Materials, 1993, 125, 323-329.	1.0	18
40	Exchange interactions in rare earth ²⁺ transition metal compounds. Journal of Magnetism and Magnetic Materials, 1993, 124, 305-311.	1.0	86
41	The magnetic phase transitions in $R(Co, Al)_2$ compounds (R: Dy, Ho, Er). Physica B: Condensed Matter, 1992, 176, 232-238.	1.3	23
42	The magnetic behaviour of rare-earth ²⁺ transition metal compounds. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1252-1256.	1.0	78
43	Magnetic coupling in the Gd-T intermetallics (T-Fe, Co). Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1344-1346.	1.0	16
44	The magnetic phase transitions in (Tb, Ho)Co ₂ and (Tb, Y)Co ₂ compounds. Physica B: Condensed Matter, 1989, 160, 199-203.	1.3	25
45	Magnetic properties of the $Er(Co_{1-x}Cu_x)_2$ and $Y(Co_{1-x}Cu_x)_2$ compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1988, 149, 352-360.	0.9	16
46	Magnetization and AC susceptibility of $TbxY_{1-x}Co_2$ compounds. Journal of Magnetism and Magnetic Materials, 1983, 39, 275-278.	1.0	32