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"Synthesis and magnetic properties of Co-doped wurtzite ZnS nanocrystals"

Bi, Chong and Pan, Liqing and Xu, Mei and Qin, Liangqiang and Yin, Jinhua, 9th IEEE Conference on Nanotechnology, 874-877, 26-30 (2009), [DOI](#).

"Magnetocaloric effect of $\text{La}_{0.8}\text{Ce}_{0.2}\text{Fe}_{11.4-x}\text{Mn}_x\text{Si}_{1.6}$ compounds"

Lin, Zhiping and Li, Shandong and Liu, Meimei and Duh, Jenq-Gong and Peng, Ken and Mao, Xingyu, Journal of Alloys and Compounds, 489(1), 1-3 (2010), [DOI](#).

"Structural and room-temperature ferromagnetic properties of Fe-doped CuO nanocrystals"

Li, Youxia and Xu, Mei and Pan, Liqing and Zhang, Yaping and Guo, Zhengang and Bi, Chong, Journal of Applied Physics, 107, 113908 (2010), [DOI](#).

"A close correlation between induced ferromagnetism and oxygen deficiency in Fe doped In_2O_3 "

Singhal, R.K. and Samariya, A. and Kumar, Sudhish and Sharma, S.C. and Xing, Y.T. and Deshpande, U.P. and Shripathi, T. and Saitovitch, E., Applied Surface Science, 257(3), 1053-1057 (2010), [DOI](#).

"Structural and magnetic properties of $\text{Tb}_6\text{Fe}_{1-x}\text{Co}_x\text{Bi}_2$ ($0 \leq x \leq 0.375$) compounds"

Jia, Lin and Koehler, Michael and McCarthy, David and McGuire, Michael A. and Keppens, Veerle, Journal of Applied Physics, 109, 07E331 (2011), [DOI](#).

"Influence of p- and n-type doping on the transport properties of the Nowotny chimney-ladder compounds RuAl_2 and RuGa_2 "

Ponnambalam, V. and Lehr, Gloria and Morelli, Donald T., Journal of Materials Research, 26, 1907-1912 (2011), [DOI](#).

"Transport Anisotropy of Epitaxial VO₂ Films near the Metal-Semiconductor Transition"

Kittiwatanakul, Salinporn and Lu, Jiwei and Wolf, Stuart A., Applied Physics Express, 4 (9), 1882-0786 (2011), [DOI](#).

"Fabrication and magnetic properties of cobalt nanorod arrays containing a number of ultrafine nanowires electrodeposited within an AAO/SBA-15 template."

Ji, G. and Gong, Z. and Liu, Y. and Chang, X. and Du, Y. and Qamar, M., Solid State Communications, 151(17), 1151-1155 (2011), [DOI](#).

"Influence of Al Substitution on Magnetocaloric Effect in $\text{La}_{0.8-x}\text{Al}_x\text{Ce}_{0.2}\text{Fe}_{11.4}\text{Si}_{1.6}$ Compounds"

Hu, Y. and Li, S. D. and Liu, M. M. and Wu, J. P. and Cai, X. L. and Qiu, J. and Lin, J. H., Advanced Materials Research, 399-401, 992-996 (2011), [DOI](#).

"Synthesis of single-crystal Sm-Co nanoparticles by cluster beam deposition"

Akdogan, O. and Li, W. and Hadjipanayis, G. C. and Sellmyer, D. J., Journal of Nanoparticle Research, 13(12), 7005-7012 (2011), [DOI](#).

“The role of boron segregation in enhanced thermoelectric power factor of CoSi_{1-x}B_x alloys”
Sun, Hui and Morelli, Donald T. and Kirkham, Melanie J. and Meyer, Harry M. and Lara-Curzio, Edgar,
Journal of Applied Physics, 110, 123711 (2011), [DOI](#).

“Size and phase control of cobalt–carbide nanoparticles using OH⁻ and Cl⁻ anions in a polyol process”
Huba, Zachary J. and Carpenter, Everett E., Journal of Applied Physics, 111, 07B529 (2012), [DOI](#).

“One-step fabrication of L10 FePt nanocubes and rods by cluster beam deposition”
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“Structural, magnetic and dielectric properties of Fe-doped BaTiO₃ solids”
Guo, Zhengang and Yang, Lihong and Qui, Hongmei and Zhan, Xuedan and Yin, Jinhua and Cao, Lipeng, Modern Physics Letters B, 26(9), 120056 (2012), [DOI](#).

“Contributions of electron and phonon transport to the thermal conductivity of GdFeCo and TbFeCo amorphous rare-earth transition-metal alloys”
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Abel, Joseph and Matsubayashi, Akitomo and LaBella, Vincent P., Journal of Vacuum Science & Technology B, 30, 043201 (2012), [DOI](#).

“Complex itinerant ferromagnetism in noncentrosymmetric Cr₁₁Ge₁₉”
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“Ni_{59.0}Mn_{23.5}In_{17.5} Heusler alloy as the core of glass-coated microwires: Magnetic properties and magnetocaloric effect”
Vega, V. and González, L. and García, J. and Rosa, W. O. and Serantes, D. and Prida, V. M. and Badini, G. and Varga, R. and Suñol, J. J. and Hernando, B., Journal of Applied Physics, 112, 033905 (2012), [DOI](#).

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“Exchange coupling behavior in bimagnetic CoFe₂O₄/CoFe₂ nanocomposite”

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“Structural, magnetic and magnetostrictive behavior in Nd(Fe_{1-x}Co_x)_{1.9} compounds”

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Ding, Manli and Joseph Poon, S., *Applied Physics Letters*, 101, 122408 (2012), [DOI](#).

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“A Novel Magneto-Dielectric Solid Solution Ceramic 0.25LiFe₅₀O₈–0.75Li₂ZnTi₃O₈ with Relatively High Permeability and Ultra-Low Dielectric Loss”

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"Large Field-Induced Magnetocaloric Effect in Ni₄₃Mn_{46-x}V_xSn₁₁ Heusler Alloys"

Li, Shandong and Lin, Zhiping and Wang, Zeng and Xu, Jie and Wang, Lili and Lin, Jianhua and Hu, Yi and Xu, Feng and Nan, Tianxiang and Sun, N.X. and Duh, Jenq-Gong, *IEEE Transactions on Magnetics*, 48(11), 3985-3988 (2012), [DOI](#).

"Martensitic Transformation in Ni₅₀Mn_{50-x}Sn_x(x = 11 and 12.5) and Ni₄₉Mn_{51-x}Sn_x(x = 13) Heusler Alloys"

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