

Lista de lucrări

a) Lucrări relevante (maxim 10)

Autori/ Titlu articol/ Revistă ISI
/REL-1/ R. Tanasa, C. Enachescu, A. Stancu, E. Codjovi, J. Linares, F. Varret, J. Haasnoot; First-order reversal curve analysis of spin-transition thermal hysteresis in terms of physical-parameter distributions and their correlations; Physical Review B Volume 71; Article Number 014431; DOI 10.1103/PhysRevB.71.014431; Published JAN 2005
/REL-2/ C. Enachescu, R. Tanasa, A. Stancu, F. Varret, J. Linares, E. Codjovi; First-order reversal curves analysis of rate-dependent hysteresis: The example of light-induced thermal hysteresis in a spin-crossover solid; Physical Review B Volume 72; Article Number 054413; DOI 10.1103/PhysRevB.72.054413; Published AUG 2005
/REL-3/ R. Tanasa, A. Stancu, E. Codjovi, J. Linares, F. Varret, J.F. Letard; A first order reversal curve investigation of pressure hysteresis in multiferroics spin transition compound; Journal of Applied Physics; Volume 103; Article Number 07B905; DOI 10.1063/1.2831335; Published APR 1 2008
/REL-4/ R. Tanasa, A. Stancu; Deterministic and non-deterministic switching in chains of magnetic hysterons; Journal of Physics-Condensed Matter Volume 23; Article Number 426002; DOI 10.1088/0953-8984/23/42/426002; Published OCT 26 2011
/REL-5/ A. Atitoaie, R. Tanasa, C. Enachescu; Size dependent thermal hysteresis in spin crossover nanoparticles reflected within a Monte Carlo based Ising-like model; Journal of Magnetism and Magnetic Materials Volume 324; Page 1596-1600; DOI 10.1016/j.jmmm.2011.12.011; Published APR 2012
/REL-6/ R. Tanasa, J. Laisney, A. Stancu, M.L. Boillot, C. Enachescu; Hysteretic behavior of Fe(phen)(2)(NCS)(2) spin-transition microparticles vs. the environment: A huge reversible component resolved by first order reversal curves; Applied Physics Letters Volume 104; Article Number 031909; DOI 10.1063/1.4862748; Published JAN 20 2014
/REL-7/ C. Enachescu, R. Tanasa, A. Stancu, A. Tissot, J. Laisney, M.L. Boillot; Matrix-assisted relaxation in Fe(phen)(2)(NCS)(2) spin-crossover microparticles, experimental and theoretical investigations; Applied Physics Letters Volume 109; Article Number 031908; DOI 10.1063/1.4959262; Published JUL 18 2016
/REL-8/ R. Tanasa, C. Enachescu, J. Laisney, D. Morineau, A. Stancu, M.L. Boillot; Unraveling the Environment Influence in Bistable Spin-Crossover Particles Using Magnetometric and Calorimetric First-Order Reverse Curves; Journal of Physical Chemistry C Volume 123; Page 10120-10129; DOI 10.1021/acs.jpcc.9b00768; Published APR 18 2019
/REL-9/ M. Pavel, S.J. Park, R.A. Frake, S.M. Son, M.M. Manni, C.F. Bento, M. Renna, T. Ricketts, F.M. Menzies, R. Tanasa, D. Rubinsztein; alpha-Catenin levels determine direction of YAP/TAZ response to autophagy perturbation; Nature Communications Volume 12; Article Number 1703; DOI 10.1038/s41467-021-21882-1; Published MAR 17 2021
/REL-10/ M. Pavel, R. Tanasa, S.J. Park, D.C. Rubinsztein; The complexity of biological control systems: An autophagy case study; Bioessays, Volume 44, Article Number e2100224, DOI 10.1002/bies.202100224, Published MAR 2022

b) Teze doctorat

Titlul tezei / Universitate / An
/PhD-1/ "Contribuții la studiul proceselor de magnetizare a mediilor feromagnetice particulare structurate"; Universitatea "Alexandru Ioan Cuza" din Iași, România; mai - 2007
/PhD-2/ "Analyse et modelisation des proprietes hysteretiques des solides moleculaires thermo-piezo et photo-commutables a transition de spin"; Universite de Versailles Saint-Quentin-en-Yvelines, Versailles, Franța; iunie - 2006

d) Capitole în cărți

Autori capitol/ Titlu capitol/ Carte - titlu/ Editor
/C-1/ A. Stancu, C. Enachescu, R. Tanasa, J. Linares, E. Codjovi, F. Varret; FORC experimental method for physical characterization of spin crossover solids; "Frontiers in Condensed Matter Physics Research"- Nova Science Publishers, Inc, New York, pp 59 -110 , ISBN: 1-59454-829-3, 2006
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e) Articole în reviste internaționale

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/ISI-1/ C. Enachescu, R. Tanasa, A. Stancu, E. Codjovi, J. Linares, F. Varret; FORC method applied to the thermal hysteresis of spin transition solids: first approach of static and kinetic properties; Physica B-Condensed Matter; Volume 343; Page 15-19; DOI 10.1016/j.physb.2003.08.050; Published JAN 1 2004
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distributions and their correlations; Physical Review B Volume 71; Article Number 014431; DOI 10.1103/PhysRevB.71.014431; Published JAN 2005
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/ISI-18/ A. Stancu, B. Negulescu, R. Tanasa, L. Stoleriu; Preisach model for systems with asymmetric First order reversal curve (FORC) distribution; Optoelectronics and Advanced Materials-Rapid Communications Volume 4; Page 361-364; Published MAR 2010
/ISI-19/ A.M. Apetrei, C. Enachescu, R. Tanasa, L. Stoleriu, A. Stancu; Monte Carlo simulations of phase transitions and lattice dynamics in an atom-phonon model for spin transition compounds; Physica B-Condensed Matter Volume 405; Page 3673-3678; DOI 10.1016/j.physb.2010.05.063; Published SEP 1 2010
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/ISI-26/ R. Tanasa, J. Laisney, A. Stancu, M.L. Boillot, C. Enachescu; Hysteretic behavior of $Fe(phen)_2(NCS)_2$ spin-transition microparticles vs. the environment: A huge reversible component resolved by first order reversal curves; Applied Physics Letters Volume 104; Article Number 031909; DOI 10.1063/1.4862748; Published JAN 20 2014
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g) Alte lucrări

Autori/ Titlu articol/ Revistă ISI

Material editorial (editorial material)

/A-1/ M. Pavel, S.J. Park, R. Tanasa, D.C. Rubinsztein; Cell type-specific YAP1-WWTR1/TAZ transcriptional responses after autophagy perturbations are determined by levels of alpha-catenins (CTNNA1 and CTNNA3); Autophagy, Volume 17, Page 1788-1790, DOI 10.1080/15548627.2021.1934273, Published JUL 3 2021

Data

30-01-2023

Semnătura