Universitatea ”Alexandru Ioan Cuza” din Iași
Facultatea de Fizică

Lect. univ. dr. Radu-Andrei TANASĂ

Fișă îndeplinire standarde minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior

TOTAL PUNCTAJ CNATDCU

…… T = A + I/2 + P/2 + C/20 + h/5

Tip activitate / Indicatori		**Punctaj**
1. Activitatea Didactică și Profesională		**A=2.466**
2.1. Articole științifice originale în extenso ca autor		**I=4.460**
2.2. Articole științifice originale în extenso ca prim autor sau autor corespondent		**P=6.985**
3.1. Citări în reviste științifice cu factor de impact		**C=80.003**
3.2. Indicele Hirsch		**h=13**
	Total T	**14.788**

Data 30-01-2023

Prenume si Nume: Radu-Andrei Tanasă

Semnătura _____

Universitatea ”Alexandru Ioan Cuza” din Iași
Facultatea de Fizică

Lect. univ. dr. Radu-Andrei TANASĂ

Fișă îndeplinire standarde minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior

CRITERIUL **1. Activitatea Didactică și Profesională**

Tip activitate / Indicatori:

1. **Cărți în edituri internaționale recunoscute Web of Science în calitate de autor**
   …… $4/n^{ef}$

2. **Capitole de cărți în edituri internaționale recunoscute Web of Science în calitate de autor/ Review-uri în reviste cotate ISI**
   …… $1/n^{ef}$

Autori capitol/ Titlu capitol/ Carte - titlu/ Editora; Review	Punctaj
/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 n = 6 n^{ef} = 5.5	**0.182**
/R-1/ 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 n = 4 n^{ef} = 4	**0.250**
Total	**0.432**

3. **Cărți în edituri internaționale recunoscute Web of Science în calitate de editor**
   …… $0.5/n^{ef}$

4. **Cărți, manuale, îndrumare de laborator în edituri naționale sau alte edituri internaționale ca autor, note interne, prezentări susținute pentru aprobarea analizelor de date în cadrul colaborărilor mari**
   …… $0.5/n^{ef}$

5. **Capitole de cărți în edituri naționale sau alte edituri internaționale ca autor**
   …… $0.2/n^{ef}$

Autori capitol/ Titlu capitol/ Carte - titlu/ Editor	Punctaj

/C-2/ A. Stancu, L. Stoleriu, M. Cerchez, D. Cimpoesu, P. Postolache, R. Tanasa; The Preisach Model for Patterned Media; "Preisach Memorial Book", A. Ivany, Editor, Akademiai Kiado, Budapest, pp. 126-137, ISBN 9630582643, 2005 n = 6 n^{ef} = 5.5	**0.036**
/C-3/ C. Enachescu, R. Tanasa, A. Stancu, J. Linares, F. Varret; Preisach model for spin transition compounds; “Preisach Memorial Book”, A. Ivany, Editor, Akademiai Kiado, Budapest, pp 175-186, ISBN 9630582643, 2005 n = 5 n^{ef} = 5	**0.040**
Total	**0.076**

6. Lucrări în extenso (cel puțin 3 pagini) publicate în Proceedings-uri indexate ISI

…… 0.2/n^{ef}

Autori/ Titlu articol/ Revistă ISI	Punctaj
/P-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 Meeting 4th International Symposium on Hysteresis and Micromagnetic Modeling (HMM 2003); Location SALAMANCA, SPAIN; Date MAY 28-30, 2003 n = 6 n^{ef} = 5.5	**0.036**
/P-2/ R. Tanasa, C. Enachescu, A. Stancu, J. Linares, F. Varret; Quasi-realistic distribution of interaction fields leading to a variant of Ising spin glass model; Physica B-Condensed Matter; Volume 343; Page 314-319; DOI 10.1016/j.physb.2003.08.062; Published JAN 1 2004 Meeting 4th International Symposium on Hysteresis and Micromagnetic Modeling (HMM 2003); Location SALAMANCA, SPAIN; Date MAY 28-30, 2003 n = 5 n^{ef} = 5	**0.040**
/P-3/ R. Tanasa, C. Enachescu, A. Stancu, J. Linares, F. Varret; New statistical method for characterization of structured recording media magnetization processes; Journal of Applied Physics; Volume 95; Page 6750-6752; DOI 10.1063/1.1682871; Published JUN 1 2004 Meeting 9th Joint Magnetism and Magnetic Materials Conference/ International Magnetics Conference; Location Anaheim, CA; Date JAN 05-09, 2004 n = 5 n^{ef} = 5	**0.040**
/P-4/ R. Tanasa, C. Enachescu, A. Stancu, J. Linares, E. Codjovi, F. Varret; Physical parameter distribution in spin transition systems derived from FORC data; Journal of Optoelectronics and Advanced Materials; Volume 6; Page 551-556; Published JUN 2004 Meeting 2nd International Workshop on Amorphous and Nanostructures Magnetic Materials; Location Iasi, ROMANIA; Date SEP 15-17, 2003 n = 6 n^{ef} = 5.5	**0.036**

/P-5/ B. Negulescu, R. Tanasa, A. Stancu; Ising model for exchange bias in ferromagnetic/antiferromagnetic bilayers; Journal of Optoelectronics and Advanced Materials; Volume 6; Page 991-994; Published SEP 2004 Meeting 4th International Workshop on Materials for Electrotechnics; Location Bucharest, ROMANIA; Date MAY 26-28, 2004 n = 3 n^{ef} = 3	**0.066**
/P-6/ A. Stancu, L. Stoleriu, P. Postolache, R. Tanasa; New Preisach model for structured particulate ferromagnetic media; Journal of Magnetism and Magnetic Materials; Volume 290; Page 490-493; DOI 10.1016/j.jmmm.2004.11.509; Published APR 2005 Meeting Joint European Magnetic Symposia (JEMS 04); Location Dresden, GERMANY; Date SEP 05-10, 2004 n = 4 n^{ef} = 4	**0.050**
/P-7/ C. Enachescu, R. Tanasa, A. Stancu, F. Varret, J. Linares, E. Codjovi; Kinetic hysteresis in spin crossover solids analyzed using FORC diagram; Physica B-Condensed Matter; Volume 372; Page 211-214; DOI 10.1016/j.physb.2005.10.050; Published FEB 1 2006 Meeting 5th International Symposium on Hysteresis and Micromagnetic Modeling (HMM 2005); Location Hungarian Acad Sci, Budapest, HUNGARY; Date MAY 30-JUN 01, 2005 n = 6 n^{ef} = 5.5	**0.036**
/P-8/ R. Tanasa, J. Linares, C. Enachescu, F. Varret, A. Stancu; Determination of the physical parameters distribution in spin transition compounds using experimental FORC diagram; Physica B-Condensed Matter; Volume 372; Page 215-218; DOI 10.1016/j.physb.2005.10.051; Published FEB 1 2006 Meeting 5th International Symposium on Hysteresis and Micromagnetic Modeling (HMM 2005); Location Hungarian Acad Sci, Budapest, HUNGARY; Date MAY 30-JUN 01, 2005 n = 5 n^{ef} = 5	**0.040**
/P-9/ R. Tanasa, A. Stancu; Statistical characterization of the FORC diagram; IEEE Transactions on Magnetics; Volume 42; Page 3246-3248; DOI 10.1109/TMAG.2006.878425; Published OCT 2006 Meeting 41st IEEE International Magnetics Conference (Intermag 2006); Location San Diego, CA; Date MAY 08-12, 2006 n = 2 n^{ef} = 2	**0.100**
/P-10/ R. Tanasa, C. Enachescu, A. Stancu, F. Varret, J. Linares, E. Codjovi; Study of impurities effect in spin crossover compounds using first order reversal curves (FORC) method; Polyhedron; Volume 26; Page 1820-1824; DOI 10.1016/j.poly.2006.09.079; Published JUN 15 2007 Meeting 10th International Conference on Molecule-Based Magnets (ICMM 2006); Location Victoria, CANADA; Date AUG 13-17, 2006 n = 6 n^{ef} = 5.5	**0.036**
/P-11/ 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	**0.036**

compound; Journal of Applied Physics; Volume 103; Article Number 07B905; DOI 10.1063/1.2831335; Published APR 1 2008 Meeting 52nd Annual Conference on Magnetism and Magnetic Materials; Location Tampa, FL; Date NOV 05-09, 2007 n = 6 n^{ef} = 5.5	
/P-12/ F. Gheorghiu, R. Tanasa, M.T. Buscaglia, V. Buscaglia, C. Pastravanu, E. Popovici, L. Mitoseriu; Preparation of Bi2Fe4O9 particles by hydrothermal synthesis and functional properties; Phase Transitions; Volume 86; Page 726-736; DOI 10.1080/01411594.2012.741238; Published JUL 1 2013 Meeting 3rd COST MP0904 WG Workshop; Location Vilnius Univ, Vilnius, LITHUANIA; Date APR 23-24, 2012 n = 7 n^{ef} = 6	**0.033**
/P-13/ A. Atitoaie, L. Stoleriu, R. Tanasa, A. Stancu, C. Enachescu; Thermal hysteresis kinetic effects of spin crossover nanoparticulated systems studied by FORC diagram method on an Ising-like model; Physica B-Condensed Matter; Volume 486; Page 138-141; DOI 10.1016/j.physb.2015.08.035; Published APR 1 2016 Meeting 10th International Symposium on Hysteresis Modeling and Micromagnetics (HMM); Location Alexandru Ioan Cuza Univ, Iasi, ROMANIA; Date MAY 18-20, 2015 n = 5 n^{ef} = 5	**0.040**
Total	**0.589**

7. Brevete de invenție internaționale acordate

…… $3/n^{ef}$

8. Brevete de invenție naționale acordate

…… $0.5/n^{ef}$

9. Director/ responsabil/ coordonator pentru programe de studii, programe de formare continuă, proiecte educaționale și proiecte de infrastructură (proiectele de cercetare se exclud)

…… $0.5/n^{ef}$

Director/ responsabil/ coordonator program de studii	**Punctaj**
/PS-1/ Responsabil program de studiu (Fizică Informatică) la Facultatea de Fizică, Universitatea Alexandru Ioan Cuza din Iași	**0.5**
Total	**0.5**

10. Director/ responsabil pentru proiecte de cercetare in valoare V euro câștigate prin competiție națională sau internațională (proiectele de la punctul 9 se exclud). Sumele în lei sau în alte valute se convertesc în euro la cursul mediu din anul respectiv conform www.bnr.ro pentru perioada de după 1999 și la cursul din 1999 pentru perioada anterioară. Responsabilii de proiect sunt cei care conduc o echipă de cercetare, fiind menționați ca atare în proiectul depus; în cazul lor se consideră doar suma aferentă echipei conduse.

Grant – director de proiect	Punctaj
/G-1/ Program tip TD, nr. 5, cod CNCSIS 118, contract nr. 33373/29.06.2004, titlul Studiul statisticii interacţiunilor în sisteme nanometrice ordonate de tipul mediilor de înregistrare perpendiculare (2004-2006) 2004: 5000 RON / 1233.59 euro (curs euro BNR mediu 2004: 1 RON = 4.0532 euro) 2005: 6500 RON / 1793.99 euro (curs euro BNR mediu 2005: 1 RON = 3.6234 euro) 2006: 6000 RON / 1702.36 euro (curs euro BNR mediu 2005: 1 RON = 3.5245 euro)	**0.047**
/G-2/ Grant al Ministere délégué a la recherche, Franta, titlul Analyse et modélisation des propriétés hystérétique des solides à transition de spin (2005-2006) 2005-2006: 3000 euro	**0.030**
/G-3/ Program tip PD, PN-II-RU-PD-2009-1, cod proiect PD_294, contract nr. 155/30.07.2010, titlul Comutări în sisteme histeretice puternic corelate (CORELSYS) (2010-2012) 2010: 71000 RON / 16865.01 euro (curs euro BNR mediu 2010: 1 RON = 4.2099 euro) 2011: 170000 RON / 40114.21 euro (curs euro BNR mediu 2011: 1 RON = 4.2379 euro) 2012: 99000 RON / 22217.24 euro (curs euro BNR mediu 2012: 1 RON = 4.4560 euro)	**0.792**
Total	**0.869**

TOTAL PUNCTAJ CRITERIUL 1. Activitatea Didactică și Profesională: A=2.466

CRITERIUL **2. ACTIVITATEA DE CERCETARE**

Tip activitate / Indicatori:

1. **Articole științifice originale în extenso ca autor**

…… AIS/n^{ef}

Autori/ Titlu articol/ Revistă ISI	Punctaj
/I-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 n = 7 n^{ef} = 6 AIS = 1.3908 (2005)	**0.232**
/I-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	**0.253**

Number 054413; DOI 10.1103/PhysRevB.72.054413; Published AUG 2005 n = 6 n^{ef} = 5.5 AIS = 1.3908 (2005)	
/I-3/ C. Enachescu, R. Tanasa, A. Stancu, G. Chastanet, J.F. Letard, J. Linares, F. Varret; Rate-dependent light-induced thermal hysteresis of [Fe(PM-BiA)(2)(NCS)(2)] spin transition complex; Journal of Applied Physics Volume 99; Article Number 08J504; DOI 10.1063/1.2167059; Published APR 15 2006 n = 7 n^{ef} = 6 AIS = 1.1247 (2006)	**0.187**
/I-4/ K. Boukheddaden, J. Linares, R. Tanasa, C. Chong; Theoretical investigations on an axial next nearest neighbour Ising-like model for spin crossover solids: one- and two-step spin transitions; Journal of Physics-Condensed Matter Volume 19; Article Number 106201; DOI 10.1088/0953-8984/19/10/106201; Published MAR 14 2007 n = 4 n^{ef} = 4 AIS = 1.0494 (2007)	**0.262**
/I-5/ R. Tanasa, A. Stancu, J.F. Letard, E. Codjovi, J. Linares, F. Varret; Piezo- and thermo-switch investigation of the spin-crossover compound [Fe(PM-BiA)(2)(NCS)(2)]; Chemical Physics Letters Volume 443; Page 435-438; DOI 10.1016/j.cplett.2007.06.100; Published AUG 6 2007 n = 6 n^{ef} = 5.5 AIS = 0.885 (2007)	**0.161**
/I-6/ A. Rotaru, M.M. Dirtu, C. Enachescu, R. Tanasa, J. Linares, A. Stancu, Y. Garcia; Calorimetric measurements of diluted spin crossover complexes [FexM1-x(btr)(2)(NCS)(2)] H2O with M-II = Zn and Ni; Polyhedron Volume 28; Page 2531-2536; DOI 10.1016/j.poly.2009.04.046; Published SEP 2 2009 n = 7 n^{ef} = 6 AIS = 0.4302 (2009)	**0.072**
/I-7/ 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 n = 4 n^{ef} = 4 AIS = 0.0783 (2010)	**0.020**
/I-8/ 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 n = 5 n^{ef} = 5 AIS = 0.3228 (2010)	**0.065**
/I-9/ M. Pavel, R. Tanasa, A. Stancu; Magnetic trap effects on nanowire's dynamics within micro-capillary vessels; Microfluidics and Nanofluidics Volume 10; Page 579-591; DOI 10.1007/s10404-010-0691-3; Published MAR 2011	**0.342**

n = 3 n^{ef} = 3 AIS = 1.0263 (2011)	
/I-10/ A. Rotaru, J. Linares, F. Varret, E. Codjovi, A. Slimani, R. Tanasa, C. Enachescu, A. Stancu, J. Haasnoot; Pressure effect investigated with first-order reversal-curve method on the spin-transition compounds [FexZn1-x(btr)(2)(NCS)(2)] H2O (x=0.6,1); Physical Review B Volume 83; Article Number 224107; DOI 10.1103/PhysRevB.83.224107; Published JUN 23 2011 n = 9 n^{ef} = 7 AIS = 1.4281 (2011)	**0.204**
/I-11/ 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 n = 2 n^{ef} = 2 AIS = 1.0117 (2011)	**0.506**
/I-12/ 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 n = 3 n^{ef} = 3 AIS = 0.4896 (2012)	**0.163**
/I-13/ A. Markou, K.G. Beltsios, L.N. Gergidis, I. Panagiotopoulos, T. Bakas, K. Ellinas, A. Tserepi, L. Stoleriu, R. Tanasa, A. Stancu; Magnetization reversal in triangular L1(0)-FePt nanoislands; Journal of Magnetism and Magnetic Materials Volume 344; Page 224-229; DOI 10.1016/j.jmmm.2013.06.009; Published OCT 2013 n = 10 n^{ef} = 7.5 AIS = 0.5055 (2013)	**0.067**
/I-14/ 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 n = 5 n^{ef} = 5 AIS = 1.1250 (2014)	**0.225**
/I-15/ A. Atitoaie, R. Tanasa, A. Stancu, C. Enachescu; Study of spin crossover nanoparticles thermal hysteresis using FORC diagrams on an Ising-like model; Journal of Magnetism and Magnetic Materials Volume 368; Page 12-18; DOI 10.1016/j.jmmm.2014.04.054; Published NOV 2014 n = 4 n^{ef} = 4 AIS = 0.4830 (2014)	**0.121**
/I-16/ M. Lankelma, J. de Boer, M. Ferbinteanu, A.L.D.I. Ramos, R. Tanasa, G. Rothenberga, S. Tanase; A novel one-dimensional chain built of vanadyl ions and pyrazine-2,5-dicarboxylate; Dalton Transactions Volume 44; Page 11380-11387; DOI	**0.133**

10.1039/c5dt01628b; Published 2015 n = 7 n^{ef} = 6 AIS = 0.8000 (2015)	
/I-17/ R.M. Stan, R. Gaina, C. Enachescu, R. Tanasa, A. Stancu, R. Bronisz; Kinetic effects on double hysteresis in spin crossover molecular magnets analyzed with first order reversal curve diagram technique; Journal of Applied Physics Volume 117; Article Number 17B323; DOI 10.1063/1.4918961; Published MAY 7 2015 n = 6 n^{ef} = 5.5 AIS = 0.6370 (2015)	**0.116**
/I-18/ 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 n = 6 n^{ef} = 5.5 AIS = 0.9690 (2016)	**0.176**
/I-19/ 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 n = 6 n^{ef} = 5.5 AIS = 0.9620 (2019)	**0.175**
/I-20/ J. Laisney, D. Morineau, C. Enachescu, R. Tanasa, E. Riviere, R. Guillot, M.L. Boillot; Mechanical-tuning of the cooperativity of SC particles via the matrix crystallization and related size effects; Journal of Materials Chemistry C Volume 8; Page 7067-7078; DOI 10.1039/d0tc00067a; Published JUN 7 2020 n = 7 n^{ef} = 6 AIS = 1.2570 (2020)	**0.209**
/I-21/ 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 n = 11 n^{ef} = 8 AIS = 5.5670 (2021)	**0.696**
/I-22/ D. Plesca, A. Railean, R. Tanasa, A. Stancu, J. Laisney, M.L. Boillot, C. Enachescu; Unexpected Light-Induced Thermal Hysteresis in Matrix Embedded Low Cooperative Spin Crossover Microparticles; Magnetochemistry Volume 7; Article Number 59; DOI 10.3390/magnetochemistry7050059; Published MAY 2021 n = 7 n^{ef} = 6 AIS = 0.4510 (2021)	**0.075**
Total I	**4.460**

2. **Articole științifice originale în extenso ca prim autor sau autor corespondent, conform mențiunilor de pe articol.**

…….. AIS

Autori/ Titlu articol/ Revistă ISI	Punctaj
/P-1/ R. Tanasa, C. Enachescu, A. Stancu, E. Codjovi, J. Linares, F. Varret, J. Haasnoots; 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 AIS = 1.3908 (2005) * prim autor și autor corespondent	**1.391**
/P-2/ R. Tanasa, A. Stancu, J.F. Letard, E. Codjovi, J. Linares, F. Varret; Piezo- and thermo-switch investigation of the spin-crossover compound [Fe(PM-BiA)(2)(NCS)(2)]; Chemical Physics Letters Volume 443; Page 435-438; DOI 10.1016/j.cplett.2007.06.100; Published AUG 6 2007 AIS = 0.885 (2007) * prim autor și autor corespondent	**0.885**
/P-3/ 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 AIS = 1.0117 (2011) * prim autor și autor corespondent	**1.012**
/P-4/ 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 AIS = 0.4896 (2012) * autor corespondent	**0.490**
/P-5/ 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 AIS = 1.1250 (2014) * prim autor	**1.125**
/P-6/ A. Atitoaie, R. Tanasa, A. Stancu, C. Enachescu; Study of spin crossover nanoparticles thermal hysteresis using FORC diagrams on an Ising-like model; Journal of Magnetism and Magnetic Materials Volume 368; Page 12-18; DOI 10.1016/j.jmmm.2014.04.054; Published NOV 2014 AIS = 0.4830 (2014) * autor corespondent	**0.483**
/P-7/ R.M. Stan, R. Gaina, C. Enachescu, R. Tanasa, A. Stancu, R. Bronisz; Kinetic effects on double hysteresis in spin crossover molecular magnets analyzed with first order reversal curve diagram technique; Journal of Applied Physics Volume 117; Article Number 17B323; DOI 10.1063/1.4918961; Published MAY 7 2015 AIS = 0.6370 (2015) * autor corespondent	**0.637**
/P-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;	**0.962**

Published APR 18 2019 AIS = 0.9620 (2019) * prim autor		
	Total P	**6.985**

CRITERIUL **3 Recunoașterea impactului activității**

Tip activitate / Indicatori:

1. **Citări în reviste științifice cu factor de impact care se regăsesc în InCites Journal Citation Reports sau în cărți în edituri recunoscute Web of Science**

…… c/n^{ef}

Autori/ Titlu articol/ Revistă ISI	Punctaj
/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 n = 6 n^{ef} = 5.5 c = 16 /C-1-1/ Stoleriu, L; Stancu, A; Mitoseriu, L; Piazza, D; Galassi, C; PHYS REV B, Volume 74, Article Number 17417, Published 2006 /C-1-2/ Katzgraber, HG; Herisson, D; Osth, M; Nordblad, P; Ito, A; Katori, HA; PHYS REV B, Volume 76, Article Number 92408, Published 2007 /C-1-3/ Huang, YO; Zhao, XQ; Shi, W; Liu, WY; Chen, ZL; Cheng, P; Liao, DZ; Yan, SP; CRYST GROWTH DES, Volume 8, Article Number 3652, Published 2008 /C-1-4/ Dirtu, MM; Neuhausen, C; Naik, AD; Rotaru, A; Spinu; L; Garcia, Y; INORG CHEM, Volume 49, Article Number 5723, Published 2010 /C-1-5/ Govor, EV; Lysenko, AB; Rusanov, EB; Chernega, AN; Krautscheid, H; Domasevitch, KV; Z ANORG ALLG CHEM, Volume 636, Article Number 209, Published 2010 /C-1-6/ Weber, B; Bauer, W; Pfaffeneder, T; Dirtu, MM; Naik, AD; Rotaru, A; Garcia, Y; EUR J INORG CHEM, Volume , Article Number 3193, Published 2011 /C-1-7/ Enachescu, C; Nishino, M; Miyashita, S; Stoleriu, L; Stancu, A; PHYS REV B, Volume 86, Article Number 54114, Published 2012 /C-1-8/ Brooker, S; CHEM SOC REV, Volume 44, Page 2880-2892, Published 2015 /C-1-9/ Stoleriu, L; Stancu, A; Chakraborty, P; Hauser, A; Enachescu, C; J APPL PHYS, Volume 117, Article Number 17B307, Published 2015 /C-1-10/ Linares, J; Jureschi, CM; Boulmaali, A; Boukheddaden, K; PHYSICA B, Volume 486, Page 164-168, Published 2016 /C-1-11/ Enachescu, C; Nicolazzi, W; CR CHIM, Volume 21, Page 1179-1195, Published 2018 /C-1-12/ Cimpoesu, D; Dumitru, I; Stancu, A; J APPL PHYS, Volume 125, Article Number 23906, Published 2019 /C-1-13/ Bodale, I; Stancu, A; MATERIALS, Volume 13, Article Number 135,	**2.909**

Published 2020 /C-1-14/ Rusu, I; Manolache-Rusu, IC; Diaconu, A; Palamarciuc, O; Gural'skiy, IA; Molnar, G; Rotaru, A; J APPL PHYS, Volume 129, Article Number 64501, Published 2021 /C-1-15/ Bondi, L; Brooker, S; Totti, F; J MATER CHEM C, Volume 9, Page 14256-14268, Published 2021 /C-1-16/ Seredyuk, M; Znovjyak, KO; Valverde-Muñoz, FJ; Muñoz, MC; Fritsky, IO; Amirkhanov V; Real Cabezos, JA; INORG CHEM FRONT, Volume 9, Page 537-546, Published 2022	
/ISI-2/ R. Tanasa, C. Enachescu, A. Stancu, J. Linares, F. Varret; Quasi-realistic distribution of interaction fields leading to a variant of Ising spin glass model; Physica B-Condensed Matter; Volume 343; Page 314-319; DOI 10.1016/j.physb.2003.08.062; Published JAN 1 2004 n = 5 n^{ef} = 5 c = 7 /C-2-1/ Stancu, A; Stoleriu, L; Postolache, P; Cerchez, M; IEEE T MAGN, Volume 40, Article Number 2113, Published 2004 /C-2-2/ Spinu, L; Stancu, A; Radu, C; Li, F; Wiley, JB; IEEE T MAGN, Volume 40, Article Number 2116, Published 2004 /C-2-3/ Cimpoesu, D; Stancu, A; Spinu, L; J APPL PHYS, Volume 97, Article Number 10J501, Published 2005 /C-2-4/ Cimpoesu, D; Stancu, A; Spinu, L; J APPL PHYS, Volume 99, Article Number 08G105, Published 2006 /C-2-5/ Cimpoesu, D; Spinu, L; Stancu, A; J NANOSCI NANOTECHNO, Volume 8, Article Number 2731, Published 2008 /C-2-6/ Rotarescu, C; Petrila, I; Stancu, A; PHYSICA B, Volume 406, Article Number 2177, Published 2011 /C-2-7/ Dobrota, CI; Stancu, A; PHYSICA B, Volume 407, Page 4676-4685, Published 2012	**1.400**
/ISI-3/ R. Tanasa, C. Enachescu, A. Stancu, J. Linares, F. Varret; New statistical method for characterization of structured recording media magnetization processes; Journal of Applied Physics; Volume 95; Page 6750-6752; DOI 10.1063/1.1682871; Published JUN 1 2004 n = 5 n^{ef} = 5 c = 5 /C-3-1/ Stancu, A; J OPTOELECTRON ADV M, Volume 8, Article Number 1656, Published 2006 /C-3-2/ Cimpoesu, D; Stancu, A; Spinu, L; J APPL PHYS, Volume 99, Article Number 08G105, Published 2006 /C-3-3/ Crubotaru, F; Stancu, A; Cerchez, M; J OPTOELECTRON ADV M, Volume 9, Article Number 1172, Published 2007 /C-3-4/ Cimpoesu, D; Spinu, L; Stancu, A; J NANOSCI NANOTECHNO, Volume 8, Article Number 2731, Published 2008 /C-3-5/ Dobrota, CI; Stancu, A; J APPL PHYS, Volume 113, Article Number 43928, Published 2013	**1.000**
/ISI-4/ R. Tanasa, C. Enachescu, A. Stancu, J. Linares, E. Codjovi, F. Varret; Physical parameter distribution in spin transition systems derived from FORC data; Journal of Optoelectronics and Advanced Materials; Volume 6; Page 551-556; Published JUN 2004	**0.182**

n = 6 n^{ef} = 5.5 c = 1 /C-4-1/ Rusu, I; Manolache-Rusu, IC; Diaconu, A; Palamarciuc, O; Gural'skiy, IA; Molnar, G; Rotaru, A; J APPL PHYS, Volume 129, Article Number 64501, Published 2021	
/ISI-5/ B. Negulescu, R. Tanasa, A. Stancu; Ising model for exchange bias in ferromagnetic/antiferromagnetic bilayers; Journal of Optoelectronics and Advanced Materials; Volume 6; Page 991-994; Published SEP 2004 n = 3 n^{ef} = 3 c = 2 /C-5-1/ Iglesias, O; Labarta, A; Batlle, X; J NANOSCI NANOTECHNO, Volume 8, Article Number 2761, Published 2008 /C-5-2/ Erdem, R; Yalcin, O; Ozum, S; Ciftci, N; ADV COND MATTER PHYS, Volume 2016, Article Number 6563274, Published 2016	**0.667**
/ISI-6/ R. Tanasa, C. Enachescu, A. Stancu, E. Codjovi, J. Linares, F. Varret, J. Haasnoots; 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 n = 7 n^{ef} = 6 c = 51 /C-6-1/ Gawali-Salunke, S; Varret, F; Maurin, I; Enachescu, C; Malarova, M; Boukheddaden, K; Codjovi, E; Tokoro, H; Ohkoshi, S; Hashimoto, K; J PHYS CHEM B, Volume 109, Article Number 8251, Published 2005 /C-6-2/ Stoleriu, L; Stancu, A; Mitoseriu, L; Piazza, D; Galassi, C; PHYS REV B, Volume 74, Article Number 174107, Published 2006 /C-6-3/ Enachescu, C; Stancu, A; IEEE T MAGN, Volume 42, Article Number 3156, Published 2006 /C-6-4/ Stancu, A; Andrei, P; Stoleriu, L; J APPL PHYS, Volume 99, Article Number 08D702, Published 2006 /C-6-5/ Stancu, A; Andrei, P; PHYSICA B, Volume 372, Article Number 72, Published 2006 /C-6-6/ Varret, F; Boukheddaden, K; Chong, C; Goujon, A; Gillon, B; Jeftic, J; Hauser, A; EPL-EUROPHYS LETT, Volume 77, Article Number 30007, Published 2007 /C-6-7/ Stoleriu, L; Enachescu, C; Stancu, A; Hauser, A; IEEE T MAGN, Volume 44, Article Number 3052, Published 2008 /C-6-8/ Krivokapic, I; Enachescu, C; Bronisz, R; Hauser, A; INORG CHIM ACTA, Volume 361, Article Number 3616, Published 2008 /C-6-9/ Dobrinescu, A; Enachescu, C; Stancu, A; J MAGN MAGN MATER, Volume 321, Article Number 4132, Published 2009 /C-6-10/ Ramirez, JG; Sharoni, A; Dubi, Y; Gomez, ME; Schuller, IK; PHYS REV B, Volume 79, Article Number 235110, Published 2009 /C-6-11/ Bedoui, S; Molnar, G; Bonnet, S; Quintero, C; Shepherd, HJ; Nicolazzi, W; Salmon, L; Bousseksou, A; CHEM PHYS LETT, Volume 499, Article Number 94, Published 2010 /C-6-12/ Enachescu, C; Nishino, M; Miyashita, S; Hauser, A; Stancu, A; Stoleriu, L; EPL-EUROPHYS LETT, Volume 91, Article Number 27003, Published 2010 /C-6-13/ Dirtu, MM; Neuhausen, C; Naik, AD; Rotaru, A; Spinu; L; Garcia, Y;	**8.500**

INORG CHEM, Volume 49, Article Number 5723, Published 2010

/C-6-14/ Gudyma, IV; Maksymov, AI; PHYSICA B, Volume 405, Article Number 2534, Published 2010

/C-6-15/ Wang, S; Ferbinteanu, M; Marinescu, C; Dobrinescu, A; Ling, QD; Huang, W; INORG CHEM, Volume 49, Article Number 9839, Published 2010

/C-6-16/ Tang, GT; Wang, QL; Liao, DZ; Yang, GM; PROG CHEM, Volume 22, Page 257-264, Published 2010

/C-6-17/ Siadou, N; Androutsopoulos, M; Panagiotopoulos, I; Stoleriu, L; Stancu, A; Bakas, T; Alexandrakis, V; J MAGN MAGN MATER, Volume 323, Article Number 1671, Published 2011

/C-6-18/ Gudyma, IV; Maksymov, AI; J PHYS CHEM SOLIDS, Volume 72, Article Number 73, Published 2011

/C-6-19/ Bousseksou, A; Molnar, G; Salmon, L; Nicolazzi, W; CHEM SOC REV, Volume 40, Article Number 3313, Published 2011

/C-6-20/ Weber, B; Bauer, W; Pfaffeneder, T; Dirtu, MM; Naik, AD; Rotaru, A; Garcia, Y; EUR J INORG CHEM, Volume , Article Number 3193, Published 2011

/C-6-21/ Rotaru, A; Lim, JH; Lenormand, D; Diaconu, A; Wiley, JB; Postolache, P; Stancu, A; Spinu, L; PHYS REV B, Volume 84, Article Number 134431, Published 2011

/C-6-22/ Stoleriu, L; Chakraborty, P; Hauser, A; Stancu, A; Enachescu, C; PHYS REV B, Volume 84, Article Number 134102, Published 2011

/C-6-23/ Rotaru, A; Varret, F; Gindulescu, A; Linares, J; Stancu, A; Letard, JF; Forestier, T; Etrillard, C; EUR PHYS J B, Volume 84, Page 439-449, Published 2011

/C-6-24/ Ursachi, I; Vasile, A; Chiriac, H; Postolache, P; Stancu, A; MATER RES BULL, Volume 46, Page 2468-2473, Published 2011

/C-6-25/ Varret, F; Slimani, A; Boukheddaden, K; Chong, C; Mishra, H; Collet, E; Haasnoot, J; Pillet, S; NEW J CHEM, Volume 35, Page 2333-2340, Published 2011

/C-6-26/ Rotaru, A; Graur, A; Rotaru, GM; Linares, J; Garcia, Y; J OPTOELECTRON ADV M, Volume 14, Page 529-536, Published 2012

/C-6-27/ Curecheriu, L; Postolache, P; Buscaglia, V; Horchidan, N; Alexe, M; Mitoseriu, L; PHASE TRANSIT, Volume 86, Page 670-680, Published 2012

/C-6-28/ Roy, D; Sreenivasulu, KV; Kumar, PSA; APPL PHYS LETT, Volume 103, Article Number 222406, Published 2013

/C-6-29/ Kumar, H; Fantini, MCA; Cornejo, DR; IEEE T MAGN, Volume 49, Page 4506-4509, Published 2013

/C-6-30/ Chiruta, D; Linares, J; Garcia, Y; Dahoo, PR; Dimian, M; EUR J INORG CHEM, Volume 2013, Page 3601-3608, Published 2013

/C-6-31/ Paradis, N; Chastanet, G; Varret, F; Letard, JF; EUR J INORG CHEM, Volume 5--6, Page 968-974, Published 2013

/C-6-32/ Matau, F; Nica, V; Postolache, P; Ursachi, I; Cotiuga, V; Stancu, A; J ARCHAEOL SCI, Volume 40, Page 914-925, Published 2013

/C-6-33/ Curecheriu, L; Postolache, P; Buscaglia, MT; Buscaglia, V; Ianculescu, A; Mitoseriu, L; J APPL PHYS, Volume 116, Article Number 84102, Published 2014

/C-6-34/ Khanal, S; Diaconu, A; Vargas, JM; Lenormand, DR; Garcia, C; Ross, CA; Spinu, L; J PHYS D APPL PHYS, Volume 47, Article Number 255002, Published 2014

/C-6-35/ Chiruta, D; Linares, J; Dahoo, PR; Dimian, M; PHYSICA B, Volume 435, Page 76-79, Published 2014

/C-6-36/ Dirtu, MM; Schmit, F; Naik, AD; Rusu, I; Rotaru, A; Rackwitz, S; Wolny, JA; Schuenemann, V; Spinu, L; Garcia, Y; CHEM-EUR J, Volume 21, Page

5843-5855, Published 2015 /C-6-37/ Paradis, N; Chastanet, G; Palamarciuc, T; Rosa, P; Varret, F; Boukheddaden, K; Letard, JF; J PHYS CHEM, Volume 119, Page 20039-20050, Published 2015 /C-6-38/ Nica, M; Stancu, A; PHYSICA B, Volume 475, Page 73-79, Published 2015 /C-6-39/ Chiruta, D; Jureschi, CM; Linares, J; Nasser, J; Rotaru, A; PHYSICA B, Volume 476, Page 61-70, Published 2015 /C-6-40/ Romero-Morcillo, T; Seredyuk, M; Munoz, MC; Real, JA; ANGEW CHEM INT EDIT, Volume 54, Page 14777-14781, Published 2015 /C-6-41/ Linares, J; Jureschi, CM; Boulmaali, A; Boukheddaden, K; PHYSICA B, Volume 486, Page 164-168, Published 2016 /C-6-42/ Franco, V; Gottschall, T; Skokov, KP; Gutfleisch, O; IEEE MAGN LETT, Volume 7, Article Number 6602904, Published 2016 /C-6-43/ Monnor, T; Kanchiang, K; Yimnirun, R; Laosiritaworn, Y; INTEGR FERROELECTR, Volume 175, Page 33-43, Published 2016 /C-6-44/ Cimpoesu, D; Dumitru, I; Stancu, A; J APPL PHYS, Volume 120, Article Number 173902, Published 2016 /C-6-45/ Nishino, M; Miyashita, S; Rikvold, PA; PHYS REV B, Volume 96, Article Number 144425, Published 2017 /C-6-46/ Nishino, M; Rikvold, PA; Omand, C; Miyashita, S; PHYS REV B, Volume 98, Article Number 144402, Published 2018 /C-6-47/ Cimpoesu, D; Dumitru, I; Stancu, A; J APPL PHYS, Volume 125, Article Number 23906, Published 2019 /C-6-48/ Nishino, M; Enachescu, C; Miyashita, S; PHYS REV B, Volume 100, Article Number 134414, Published 2019 /C-6-49/ Bodale, I; Stancu, A; MATERIALS, Volume 13, Article Number 135, Published 2020 /C-6-50/ Traiche, R; Oubouchou, H; Boukheddaden, K; SYMMETRY-BASEL, Volume 13, Article Number 1836, Published 2021 /C-6-51/ Nishino, M; Singh, Y; Boukheddaden, K; Miyashita, S; J APPL PHYS, Volume 130, Article Number 141102, Published 2021	
/ISI-7/ A. Stancu, L. Stoleriu, P. Postolache, R. Tanasa; New Preisach model for structured particulate ferromagnetic media; Journal of Magnetism and Magnetic Materials; Volume 290; Page 490-493; DOI 10.1016/j.jmmm.2004.11.509; Published APR 2005 n = 4 n^{ef} = 4 c = 13 /C-7-1/ Stoleriu, L; Stancu, A; Mitoseriu, L; Piazza, D; Galassi, C; PHYS REV B, Volume 74, Article Number 174107, Published 2006 /C-7-2/ Stancu, A; J OPTOELECTRON ADV M, Volume 8, Article Number 1656, Published 2006 /C-7-3/ Stoleriu, L; Stancu, A; IEEE T MAGN, Volume 42, Article Number 3159, Published 2006 /C-7-4/ Dumitru, I; Li, F; Wiley, JB; Cimpoesu, D; Stancu, A; Spinu, L; IEEE T MAGN, Volume 42, Article Number 3225, Published 2006 /C-7-5/ Stancu, A; Andrei, P; Stoleriu, L; J APPL PHYS, Volume 99, Article Number 08D702, Published 2006 /C-7-6/ Stancu, A; Andrei, P; PHYSICA B, Volume 372, Article Number 72, Published 2006 /C-7-7/ Andrei, P; Stancu A; J OPTOELECTRON ADV M, Volume 9, Article	**3.250**

Number 3837, Published 2007 /C-7-8/ Crubotaru, F; Stancu, A; Cerchez, M; J OPTOELECTRON ADV M, Volume 9, Article Number 1172, Published 2007 /C-7-9/ Bodale, I; Stoleriu, L; Stancu, A; IEEE T MAGN, Volume 47, Article Number 192, Published 2011 /C-7-10/ Papusoi, C; Srinivasan, K; Acharya, R; J APPL PHYS, Volume 110, Article Number 83908, Published 2011 /C-7-11/ Tannous,C; Gieraltowski, J; APPL PHYS LETT, Volume 104, Article Number 4862924, Published 2014 /C-7-12/ Franco, AF; Gonzalez-Fuentes, C; Morales, R; Ross, CA; Dumas, R; Akerman, J; Garcia, C; PHYS REV B, Volume 94, Article Number 64431, Published 2016 /C-7-13/ Skaliukh, AS; MATERIALS PHYSICS AND MECHANICS, Volume 42, Page 74-102, Published 2019	
/ISI-8/ 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 n = 6 n^{ef} = 5.5 c = 34 /C-8-1/ Stoleriu, L; Stancu, A; Mitoseriu, L; Piazza, D; Galassi, C; PHYS REV B, Volume 74, Article Number 174107, Published 2006 /C-8-2/ Cimpoesu, D; Spinu, L; Stancu, A; IEEE T MAGN, Volume 42, Article Number 3165, Published 2006 /C-8-3/ Enachescu, C; Stancu, A; IEEE T MAGN, Volume 42, Article Number 3156, Published 2006 /C-8-4/ Hamad, IA; Robb, DT; Rikvold, PA; J ELECTROANAL CHEM, Volume 607, Article Number 61, Published 2007 /C-8-5/ Stoleriu, L; Enachescu, C; Stancu, A; Hauser, A; IEEE T MAGN, Volume 44, Article Number 3052, Published 2008 /C-8-6/ Krivokapic, I; Enachescu, C; Bronisz, R; Hauser, A; INORG CHIM ACTA, Volume 361, Article Number 3616, Published 2008 /C-8-7/ Ramirez, JG; Sharoni, A; Dubi, Y; Gomez, ME; Schuller, IK; PHYS REV B, Volume 79, Article Number 235110, Published 2009 /C-8-8/ Cornejo, DR; Noce, RD; Peixoto, TRF; Barelli, N; Sumodjo, PTA; Benedetti, AV; J ALLOY COMPD, Volume 479, Article Number 43, Published 2009 /C-8-9/ Enachescu, C; Stoleriu, L; Stancu, A; Hauser, A; PHYS REV LETT, Volume 102, Article Number 257204, Published 2009 /C-8-10/ Dirtu, MM; Neuhausen, C; Naik, AD; Rotaru, A; Spinu; L; Garcia, Y; INORG CHEM, Volume 49, Article Number 5723, Published 2010 /C-8-11/ Enachescu, C; Stoleriu, L; Stancu, A; Hauser, A; PHYS REV B, Volume 82, Article Number 104114, Published 2010 /C-8-12/ Enachescu, C; Dobrinescu, A; Stancu, A; J MAGN MAGN MATER, Volume 322, Page 1368-1372, Published 2010 /C-8-13/ Siadou, N; Androutsopoulos, M; Panagiotopoulos, I; Stoleriu, L; Stancu, A; Bakas, T; Alexandrakis, V; J MAGN MAGN MATER, Volume 323, Article Number 1671, Published 2011 /C-8-14/ Rotaru, A; Lim, JH; Lenormand, D; Diaconu, A; Wiley, JB; Postolache, P; Stancu, A; Spinu, L; PHYS REV B, Volume 84, Article Number 134431, Published 2011 /C-8-15/ Rotaru, A; Varret, F; Gindulescu, A; Linares, J; Stancu, A; Letard, JF; Forestier, T; Etrillard, C; EUR PHYS J B, Volume 84, Page 439-449,	**6.182**

Published 2011 /C-8-16/ Ursachi, I; Vasile, A; Chiriac, H; Postolache, P; Stancu, A; MATER RES BULL, Volume 46, Page 2468-2473, Published 2011 /C-8-17/ Rotaru, A; Graur, A; Rotaru, GM; Linares, J; Garcia, Y; J OPTOELECTRON ADV M, Volume 14, Page 529-536, Published 2012 /C-8-18/ Kumar, H; Fantini, MCA; Cornejo, DR; IEEE T MAGN, Volume 49, Page 4506-4509, Published 2013 /C-8-19/ Matau, F; Nica, V; Postolache, P; Ursachi, I; Cotiuga, V; Stancu, A; J ARCHAEOL SCI, Volume 40, Page 914-925, Published 2013 /C-8-20/ Dumas, RK; Greene, PK; Gilbert, DA; Ye, L; Zha, CL; Akerman, J; Liu, K; PHYS REV B, Volume 90, Article Number 104410, Published 2014 /C-8-21/ Nica, M; Stancu, A; PHYSICA B, Volume 475, Page 73-79, Published 2015 /C-8-22/ Rikvold, PA; Brown, G; Miyashita, S; Omand, C; Nishino, M; PHYS REV B, Volume 93, Article Number 64109, Published 2016 /C-8-23/ Jureschi, CM; Pottier, BL; Linares, J; Dahoo, PR; Alayli, Y; Rotaru, A; PHYSICA B, Volume 486, Page 160-163, Published 2016 /C-8-24/ Jureschi, CM; Linares, J; Boulmaali, A; Dahoo, PR; Rotaru, A; Garcia, Y; SENSORS-BASEL, Volume 16, Article Number 187, Published 2016 /C-8-25/ Jureschi, C; Linares, J; Rotaru, A; Garcia, Y; MAGNETOCHEMISTRY, Volume 2, Article Number 13, Published 2016 /C-8-26/ Cimpoesu, D; Dumitru, I; Stancu, A; J APPL PHYS, Volume 120, Article Number 173902, Published 2016 /C-8-27/ Chan, CH; Brown, G; Rikvold, PA; PHYS REV B, Volume 96, Article Number 174428, Published 2017 /C-8-28/ Li, WH; Zeng, KY; FUNCT MATER LETT, Volume 11, Article Number 1830002, Published 2018 /C-8-29/ Cimpoesu, D; Dumitru, I; Stancu, A; J APPL PHYS, Volume 125, Article Number 23906, Published 2019 /C-8-30/ Bodale, I; Stancu, A; MATERIALS, Volume 13, Article Number 135, Published 2020 /C-8-31/ Oke, TD; Ndiaye, M; Hontinfinde, F; Boukheddaden, K; EUR PHYS J B, Volume 94, Article Number 38, Published 2021 /C-8-32/ Diaz-Garcia, A; Moreno-Ramirez, LM; Law, JY; Albertini, F; Frabbrici, S; Franco, V; J ALLOY COMPD, Volume 867, Article Number 159184, Published 2021 /C-8-33/ Ogou, SB; Oke, TD; Hontinfinde, F; Boukheddaden, K; PHYS REV B, Volume 104, Article Number 24431, Published 2021 /C-8-34/ Oke, TD; Ogou, SB; Hontinfinde, F; Boukheddaden, K; EUR PHYS J B, Volume 95, Article Number 96, Published 2022	
/ISI-9/ R. Tanasa, J. Linares, C. Enachescu, F. Varret, A. Stancu; Determination of the physical parameters distribution in spin transition compounds using experimental FORC diagram; Physica B-Condensed Matter; Volume 372; Page 215-218; DOI 10.1016/j.physb.2005.10.051; Published FEB 1 2006 n = 5 n^{ef} = 5 c = 1 /C-9-1/ Dirtu, MM; Neuhausen, C; Naik, AD; Rotaru, A; Spinu; L; Garcia, Y; INORG CHEM, Volume 49, Article Number 5723, Published 2010	**0.200**
/ISI-10/ C. Enachescu, R. Tanasa, A. Stancu, F. Varret, J. Linares, E. Codjovi; Kinetic hysteresis in spin crossover solids analyzed using FORC diagram; Physica B-Condensed Matter; Volume 372; Page 211-214; DOI 10.1016/j.physb.2005.10.050;	**0.364**

Published FEB 1 2006 n = 6 n^{ef} = 5.5 c = 2 /C-10-1/ Dirtu, MM; Neuhausen, C; Naik, AD; Rotaru, A; Spinu; L; Garcia, Y; INORG CHEM, Volume 49, Article Number 5723, Published 2010 /C-10-2/ Rusu, I; Manolache-Rusu, IC; Diaconu, A; Palamarciuc, O; Gural'skiy, IA; Molnar, G; Rotaru, A; J APPL PHYS, Volume 129, Article Number 64501, Published 2021	
/ISI-11/ C. Enachescu, R. Tanasa, A. Stancu, G. Chastanet, J.F. Letard, J. Linares, F. Varret; Rate-dependent light-induced thermal hysteresis of [Fe(PM-BiA)(2)(NCS)(2)] spin transition complex; Journal of Applied Physics Volume 99; Article Number 08J504; DOI 10.1063/1.2167059; Published APR 15 2006 n = 7 n^{ef} = 6 c = 18 /C-11-1/ Halcrow, MA; POLYHEDRON, Volume 26, Article Number 3523, Published 2007 /C-11-2/ Krivokapic, I; Enachescu, C; Bronisz, R; Hauser, A; INORG CHIM ACTA, Volume 361, Article Number 3616, Published 2008 /C-11-3/ Lampropoulos, C, Hill, S; Christou, G; CHEMPHYSCHEM, Volume 10, Article Number 2397, Published 2009 /C-11-4/ Buron-Le Cointe, M; Hebert, J; Balde, C; Moisan, N; Toupet, L; Guionneau, P; Letard, JF; Freysz, E; Cailleau, H; Collet, E; PHYS REV B, Volume 85, Article Number 64114, Published 2012 /C-11-5/ Rotaru, A; Graur, A; Rotaru, GM; Linares, J; Garcia, Y; J OPTOELECTRON ADV M, Volume 14, Page 529-536, Published 2012 /C-11-6/ Gudyma, IV; Maksymov, AI; APPL OPTICS, Volume 51, Article Number C55, Published 2012 /C-11-7/ Chastanet, G; Tovee, CA; Hyett, G; Halcrow, MA; Leterd, JF; DALTON TRANS, Volume 41, Page 4896-4902, Published 2012 /C-11-8/ Ikhouane, F; MATH CONTROL SIGNALS SYST, Volume 25, Page 291-310, Published 2013 /C-11-9/ Stoleriu, L; Stancu, A; Chakraborty, P; Hauser, A; Enachescu, C; J APPL PHYS, Volume 117, Article Number 17B307, Published 2015 /C-11-10/ Paradis, N; Chastanet, G; Palamarciuc, T; Rosa, P; Varret, F; Boukheddaden, K; Letard, JF; J PHYS CHEM, Volume 119, Page 20039-20050, Published 2015 /C-11-11/ Cook, LJK; Thorp-Greenwood, FL; Comyn, TP; Cespedes, O; Chastanet, G; Halcrow, MA; INORG CHEM, Volume 54, Page 6319-6330, Published 2015 /C-11-12/ Gudyma, IV; Maksymov, AI; Dimian, M; PHYSICA B, Volume 486, Page 44-47, Published 2016 /C-11-13/ Milin, E; Patinec, V; Triki, S; Bendeif, E; Pillet, S; Marchivie, M; Chastanet, G; Boukheddaden, K; INORG CHEM, Volume 55, Page 11652-11661, Published 2016 /C-11-14/ Naser, MFM; Bdair, OM; Ikhouane, F; J COMPUT ANAL APPL, Volume 22, Page 179-187, Published 2017 /C-11-15/ Chastanet, G; Lorenc, M; Bertoni, R; Desplanches, C; CR CHIM, Volume 21, Page 1075-1094, Published 2018 /C-11-16/ Morgunov, RB; Koplak, OV; Kirman, MV; J PHYS-CONDENS MAT, Volume 31, Article Number 85801, Published 2019	**3.000**

/C-11-17/ Franco, V; J APPL PHYS, Volume 127, Article Number 133902, Published 2020 /C-11-18/ Konstantinov, N; Tauzin, A; Noumbe, UN; Dragoe, D; Kundys, B; Majjad, H; Brosseau, A; Lenertz, M; Singh, A; Berciaud, S; Boillot, ML; Doudin, B; Mallah, T; Dayen, JF; J MATT CHEM C, Volume 9, Page 2712-2720, Published 2021	
/ISI-12/ R. Tanasa, A. Stancu; Statistical characterization of the FORC diagram; IEEE Transactions on Magnetics; Volume 42; Page 3246-3248; DOI 10.1109/TMAG.2006.878425; Published OCT 2006 n = 2 n^{ef} = 2 c = 3 /C-12-1/ Samardak, AS; Ognev, AV; Samardak, AY; Stebliy, EV; Modin, EB; Chebotkevich, LA; Komogortsev, SV; Stancu, A; Panahi-Danaei, E; Fardi-Ilkhichy, A; Nasirpouri, F; J ALLOY COMPD, Volume 732, Page 683-693, Published 2018 /C-12-2/ Muster, KS; Heindl, R; AIP ADV, Volume 10, Article Number 15318, Published 2020 /C-12-3/ Bortnic, R; Szatmari, A; Souca, G; Hirian, R; Dudric, R; Barbu-Tudoran, L; Toma, V; Stiufiuc, R; Tetean, R; Burzo, E; NANOMATERIALS-BASEL, Volume 12, Article Number 942, Published 2022	**1.500**
/ISI-13/ K. Boukheddaden, J. Linares, R. Tanasa, C. Chong; Theoretical investigations on an axial next nearest neighbour Ising-like model for spin crossover solids: one- and two-step spin transitions; Journal of Physics-Condensed Matter Volume 19; Article Number 106201; DOI 10.1088/0953-8984/19/10/106201; Published MAR 14 2007 n = 4 n^{ef} = 4 c = 20 /C-13-1/ Jeschke, HO; Salguero, LA; Rahaman, B; Buchsbaum, C; Pashchenko, V; Schmidt, MU; Saha-Dasgupta, T; Valenti, R; NEW J PHYS, Volume 9, Article Number 448, Published 2007 /C-13-2/ Nicolazzi, W; Pillet, S; Lecomte, C; PHYS REV B, Volume 78, Article Number 174401, Published 2008 /C-13-3/ Dupouy, G; Triki, S; Marchivie, M; Cosquer, N; Gomez-Garcia, CJ; Pillet, S; Bendeif, EE; Lecomte, C; Asthana, S; Letard, JF; INORG CHEM, Volume 49, Article Number 9358, Published 2010 /C-13-4/ Gudyma, IV; Maksymov, AI; PHYSICA B, Volume 405, Article Number 2534, Published 2010 /C-13-5/ Koudriavtsev, A B; Linert, W; J STRUCT CHEM+, Volume 51, Article Number 335, Published 2010 /C-13-6/ Shepherd, HJ; Bonnet, S; Guionneau, P; Bedoui, S; Garbarino, G; Nicolazzi, W; Bousseksou, A; Molnar, G; PHYS REV B, Volume 84, Article Number 144107, Published 2011 /C-13-7/ Pillet, S; Bendeif, EE; Bonnet, S; Shepherd, HJ; Guionneau, P; PHYS REV B, Volume 86, Article Number 64106, Published 2012 /C-13-8/ Chiruta, D; Linares, J; Dimian, M; Garcia, Y; EUR J INORG CHEM, Volume SI, Page 951-957, Published 2013 /C-13-9/ Banerjee, H; Kumar, M; Saha-Dasgupta, T; PHYS REV B, Volume 90, Article Number 174433, Published 2014 /C-13-10/ Watanabe, H; Tanaka, K; Brefuel, N; Cailleau, H; Letard, JF; Ravy, S; Fertey, P; Nishino, M; Miyashita, S; Collet, E; PHYS REV B, Volume 93, Article Number 14419, Published 2016 /C-13-11/ Paez-Espejo, M; Sy, M; Boukheddaden, K; J AM CHEM SOC, Volume	**5.000**

138, Page 3202-3210, Published 2016 /C-13-12/ Shelest, V.V.; Khristov, A.V.; Levchenko, G.G.; LOW TEMP PHYS+, Volume 42, Page 505-512 , Published 2016 /C-13-13/ Trzop, E; Zhang, D; Piñeiro-Lopez, L; Valverde-Muñoz, FJ; Carmen Muñoz, M; Palatinus, L; Guerin, L; Cailleau, H; Real, JA; Collet, E; ANGEW CHEM INT EDIT, Volume 55, Page 8675-8679, Published 2016 /C-13-14/ Nesterov, AI; Orlov, YS; Ovchinnikov, SG; Nikolaev, SV; PHYS REV B, Volume 96, Article Number 134103, Published 2017 /C-13-15/ Taniguchi, D; Okabayashi, J; Hotta, C; PHYS REV B, Volume 96, Article Number 174104, Published 2017 /C-13-16/ Traiche, R; Sy, M; Boukheddaden, K; J PHYS CHEM C, Volume 122, Page 4083-4096, Published 2018 /C-13-17/ Cruddas, J; Powell, BJ; INORG CHEM FRONT, Volume 7, Page 4424-4437, Published 2020 /C-13-18/ Gudyma, A; Gudyma, I; J APPL PHYS, Volume 129, Article Number 123905, Published 2021 /C-13-19/ Ndiaye, M; Singh, Y; Fourati, H; Sy, M; Lo, B; Boukheddaden, K; J APPL PHYS, Volume 129, Article Number 153901, Published 2021 /C-13-20/ Pillet, S; J APPL PHYS, Volume 129, Article Number 181101, Published 2021	
/ISI-14/ R. Tanasa, C. Enachescu, A. Stancu, F. Varret, J. Linares, E. Codjovi; Study of impurities effect in spin crossover compounds using first order reversal curves (FORC) method; Polyhedron; Volume 26; Page 1820-1824; DOI 10.1016/j.poly.2006.09.079; Published JUN 15 2007 n = 6 n^{ef} = 5.5 c = 6 /C-14-1/ Krivokapic, I; Enachescu, C; Bronisz, R; Hauser, A; INORG CHIM ACTA, Volume 361, Article Number 3616, Published 2008 /C-14-2/ Tang, GT; Wang, QL; Liao, DZ; Yang, GM; PROG CHEM, Volume 22, Article Number 257, Published 2010 /C-14-3/ Dirtu, MM; Neuhausen, C; Naik, AD; Rotaru, A; Spinu; L; Garcia, Y; INORG CHEM, Volume 49, Article Number 5723, Published 2010 /C-14-4/ Stoleriu, L; Stancu, A; Chakraborty, P; Hauser, A; Enachescu, C; J APPL PHYS, Volume 117, Article Number 17B307, Published 2015 /C-14-5/ Lefter, C; Tricard, S; Peng, HN; Molnar, G; Salmon, L; Demont, P; Rotaru, A; Sousseksou, D; J PHYS CHEM C, Volume 119, Page 8522-8529, Published 2015 /C-14-6/ Bartual-Murgui, C; Perez-Padilla, C; Teat, SJ; Roubeau, O; Aromi, G; INORG CHEM, Volume 59, Page 12132-12142, Published 2020	**1.091**
/ISI-15/ R. Tanasa, A. Stancu, J.F. Letard, E. Codjovi, J. Linares, F. Varret; Piezo- and thermo-switch investigation of the spin-crossover compound [Fe(PM-BiA)(2)(NCS)(2)]; Chemical Physics Letters Volume 443; Page 435-438; DOI 10.1016/j.cplett.2007.06.100; Published AUG 6 2007 n = 6 n^{ef} = 5.5 c = 9 /C-15-1/ Rotaru, A; Varret, F; Codjovi, E; Boukheddaden, K; Linares, J; Stancu, A; Guionneau, P; Letard, JF; J APPL PHYS, Volume 106, Article Number 53515, Published 2009 /C-15-2/ Dirtu, MM; Rotaru, A; Gillard, D; Linares, J; Codjovi, E; Tinant, B; Garcia, Y; INORG CHEM, Volume 48, Article Number 7838, Published 2009	**1.636**

/C-15-3/ Tissot, A; Boillot ML; Pillet S; Codjovi, E; Boukheddaden, K; Daku, LML; J PHYS CHEM C, Volume 114, Article Number 21715, Published 2010 /C-15-4/ Dirtu, MM; Neuhausen, C; Naik, AD; Rotaru, A; Spinu; L; Garcia, Y; INORG CHEM, Volume 49, Article Number 5723, Published 2010 /C-15-5/ Boukheddaden, K; Loutete-Dangui, ED; Codjovi, E; Castro, M; Rodriguez-Velamazan, JA; Ohkoshi, S; Tokoro, H; Koubaa, M; Abid, Y; Varret, F; J APPL PHYS, Volume 109, Article Number 13520, Published 2011 /C-15-6/ Linares, J; Codjovi, E; Garcia, Y; SENSORS-BASEL, Volume 12, Article Number 4479, Published 2012 /C-15-7/ Jureschi, CM; Rusu, I; Codjovi, E; Linares, J; Garcia, Y; Rotaru, A; PHYSICA B, Volume 449, Page 47-51, Published 2014 /C-15-8/ Dugay, J; Gimenez-Marques, M; Venstra, WJ; Torres-Cavanillas, R; Sheombarsing, UN; Manca, N; Coronado, E; van der Zant, HSJ; J PHYS CHEM C, Volume 123, Page 6778-6786, Published 2019 /C-15-9/ Rusu, I; Manolache-Rusu, IC; Diaconu, A; Palamarciuc, O; Gural'skiy, IA; Molnar, G; Rotaru, A; J APPL PHYS, Volume 129, Article Number 64501, Published 2021	
/ISI-16/ 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 n = 6 n^{ef} = 5.5 c = 8 /C-16-1/ Stoleriu, L; Enachescu, C; Stancu, A; Hauser, A; IEEE T MAGN, Volume 44, Article Number 3052, Published 2008 /C-16-2/ Tang, GT; Wang, QL; Liao, DZ; Yang, GM; PROG CHEM, Volume 22, Article Number 257, Published 2010 /C-16-3/ Dirtu, MM; Neuhausen, C; Naik, AD; Rotaru, A; Spinu; L; Garcia, Y; INORG CHEM, Volume 49, Article Number 5723, Published 2010 /C-16-4/ Panagiotopoulos, I; J MAGN MAGN MATER, Volume 323, Article Number 2148, Published 2011 /C-16-5/ Stoleriu, L; Chakraborty, P; Hauser, A; Stancu, A; Enachescu, C; PHYS REV B, Volume 84, Article Number 134102, Published 2011 /C-16-6/ Beron, F; Valenzuela, LA; Knobel, M; Melo, LGC; Pirota, KR; J MAGN MAGN MATER, Volume 324, Article Number 1601, Published 2012 /C-16-7/ Stoleriu, L; Stancu, A; Chakraborty, P; Hauser, A; Enachescu, C; J APPL PHYS, Volume 117, Article Number 17B307, Published 2015 /C-16-8/ Wang, CX; Yang, XM; Wang, ZJ; He, C; Long, XF; ACTA MATER, Volume 170, Page 100-108, Published 2019	**1.455**
/ISI-17/ A. Rotaru, M.M. Dirtu, C. Enachescu, R. Tanasa, J. Linares, A. Stancu, Y. Garcia; Calorimetric measurements of diluted spin crossover complexes [FexM1-x(btr)(2)(NCS)(2)] H2O with M-II = Zn and Ni; Polyhedron Volume 28; Page 2531-2536; DOI 10.1016/j.poly.2009.04.046; Published SEP 2 2009 n = 7 n^{ef} = 6 c = 25 /C-17-1/ Dirtu, MM, Rotaru, A, Gillard, D, Linares, J, Codjovi, E, Tinant, B, Garcia, Y; INORG CHEM, Volume 48, Article Number 7838, Published 2009 /C-17-2/ Kitchen, J; Brooker, S; DALTON T, Volume 39, Article Number 2258, Published 2010 /C-17-3/ Dirtu, MM; Neuhausen, C; Naik, AD; Rotaru, A; Spinu; L; Garcia, Y;	**4.166**

INORG CHEM, Volume 49, Article Number 5723, Published 2010 /C-17-4/ Kusz, J; Bronisz, R; Zubko, M; Bednarek, G; CHEM-EUR J, Volume 17, Article Number 6807, Published 2011 /C-17-5/ Weber, B; Bauer, W; Pfaffeneder, T; Dirtu, MM; Naik, AD; Rotaru, A; Garcia, Y; EUR J INORG CHEM, Volume , Article Number 3193, Published 2011 /C-17-6/ Dirtu, MM; Schmit, F; Naik, AD; Rotaru, A; Marchand-Brynaert, J; Garcia, Y; INT J MOL SCI, Volume 12, Article Number 5339, Published 2011 /C-17-7/ Bauer, W; Dirtu, MM; Garcia, Y; Weber, B; CRYSTENGCOMM, Volume 14, Page 1223-1231, Published 2012 /C-17-8/ Zheng, SP; Sieger, MA; Costa, JS; Fu, WT; Bonnet, S; EUR J INORG CHEM, Volume SI, Page 1033-1042, Published 2013 /C-17-9/ Lochenie, C; Bauer, W; Railliet, AP; Schlamp, S; Garcia, Y; Weber, B; INORG CHEM, Volume 21, Page 11563-11572, Published 2014 /C-17-10/ Chiruta, D; Jureschi, CM; Linares, J; Graur, A; Dimian, M; Rotaru, A; IEEE T MAGN, Volume 50, Article Number 2900404, Published 2014 /C-17-11/ Slimani, A; Yu, XF; Muraoka, A; Boulcheddaden, K; Yamashita, K; J PHYS CHEM A, Volume 118, Page 9005-9012, Published 2014 /C-17-12/ Chiruta, D; Jureschi, CM; Linares, J; Garcia, Y; Rotaru, A; J APPL PHYS, Volume 115, Article Number 53523, Published 2014 /C-17-13/ Lefter, C; Tricard, S; Peng, HN; Molnar, G; Salmon, L; Demont, P; Rotaru, A; Sousseksou, D; J PHYS CHEM C, Volume 119, Page 8522-8529, Published 2015 /C-17-14/ Dirtu, MM; Schmit, F; Naik, AD; Rusu, I; Rotaru, A; Rackwitz, S; Wolny, JA; Schuenemann, V; Spinu, L; Garcia, Y; CHEM-EUR J, Volume 21, Page 5843-5855, Published 2015 /C-17-15/ Jureschi, CM; Linares, J; Rotaru, A; Ritti, MH; Parlier, M; Dirtu, MM; Wolff, M; Garcia, Y; SENSORS, Volume 15, Page 2388-2398, Published 2015 /C-17-16/ Dirtu, MM; Naik, AD; Rotaru, A; Spinu, L; Poelman, D; Garcia, Y; INORG CHEM, Volume 55, Page 4278-4295, Published 2016 /C-17-17/ Jureschi, CM; Linares, J; Boulmaali, A; Dahoo, PR; Rotaru, A; Garcia, Y; SENSORS-BASEL, Volume 16, Article Number 187, Published 2016 /C-17-18/ Adarsh, NN; Dirtu, MM; Rotaru, A; Garcia, Y; HYPERFINE INTERACT, Volume 238, Article Number 60, Published 2017 /C-17-19/ Smeets, V; Wolff, M; Wolny, JA; Schunemann, V; Dirtu, MM; Ge, JY; Vanacken, J; Moshchalkov, V; Garcia, Y; EUR J INORG CHEM, Volume 394-413, Page 394-413, Published 2018 /C-17-20/ Vicente, AI; Ferreira, LP; Carvalho, MD; Rodrigues, VHN; Dirtu, MM; Garcia, Y; Calhorda, MJ; Martinho, PN; DALTON T, Volume 47, Page 7013-7019, Published 2018 /C-17-21/ Kajikawa, S; Muraoka, A; CHEM PHYS LETT, Volume 738, Article Number 136867, Published 2020 /C-17-22/ Bartual-Murgui, C; Perez-Padilla, C; Teat, SJ; Roubeau, O; Aromi, G; INORG CHEM, Volume 59, Page 12132-12142, Published 2020 /C-17-23/ Cazelles, C; Singh, Y; Linares, J; Dahoo, PR; Boukheddaden, K; MATER TODAY COMMUN, Volume 26, Article Number 102074, Published 2021 /C-17-24/ Linares, J; Cazelles, C; Dahoo, PR; Boukheddaden, K; SYMMETRY-BASEL, Volume 13, Article Number 587, Published 2021 /C-17-25/ Cazelles, C; Linares, J; Dahoo, PR; Boukheddaden, K; MAGNETOCHEMISTRY, Volume 8, Article Number 49, Published 2022	
/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	**0.250**

2010 n = 4 n^{ef} = 4 c = 1 /C-18-1/ Rotaru, A.; Graur, A.; Rotaru, G-M; Linares, J.; Garcia, Y; J OPTOELECTRON ADV M, Volume 14, Page 529-536, Published 2012	
/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 n = 5 n^{ef} = 5 c = 3 /C-19-1/ Apetrei, AM; Boukheddaden, K; Stancu, A; PHYS REV B, Volume 87, Article Number 14302, Published 2013 /C-19-2/ Nasser, JA; Chassagne, L; Topcu, S; Linares, J; Alayli, Y; EUR PHYS J B, Volume 87, Article Number 69, Published 2014 /C-19-3/ Costin, C; SCI REP-UK, Volume 11, Article Number 1874, Published 2021	**0.600**
/ISI-20/ A. Rotaru, J. Linares, F. Varret, E. Codjovi, A. Slimani, R. Tanasa, C. Enachescu, A. Stancu, J. Haasnoot; Pressure effect investigated with first-order reversal-curve method on the spin-transition compounds [FexZn1-x(btr)(2)(NCS)(2)] H2O (x=0.6,1); Physical Review B Volume 83; Article Number 224107; DOI 10.1103/PhysRevB.83.224107; Published JUN 23 2011 n = 9 n^{ef} = 7 c = 24 /C-20-1/ Rotaru, A; Lim, JH; Lenormand, D; Diaconu, A; Wiley, JB; Postolache, P; Stancu, A; Spinu, L; PHYS REV B, Volume 84, Article Number 134431, Published 2011 /C-20-2/ Varret, F; Slimani, A; Boukheddaden, K; Chong, C; Mishra, H; Collet, E; Haasnoot, J; Pillet, S; NEW J CHEM, Volume 35, Page 2333-2340, Published 2011 /C-20-3/ Rotaru, A; Varret, F; Gindulescu, A; Linares, J; Stancu, A; Letard, JF; Forestier, T; Etrillard, C; EUR PHYS J B, Volume 84, Page 439-449, Published 2011 /C-20-4/ Shepherd, HJ; Rosa, P; Vendier, L; Casati, N; Letard, JF; Bousseksou, A; Guionneau, P; Molnar, G; PHYS CHEM CHEM PHYS, Volume 14, Page 5265-5271, Published 2012 /C-20-5/ Rotaru, A.; Graur, A.; Rotaru, G-M; Linares, J.; Garcia, Y; J OPTOELECTRON ADV M, Volume 14, Page 529-536, Published 2012 /C-20-6/ Legrand, V; Pechev, S; Letard, JF; Guionneau, P; PHYS CHEM CHEM PHYS, Volume 15, Page 13872-13880, Published 2013 /C-20-7/ Apetrei, AM; Boukheddaden, K; Stancu, A; PHYS REV B, Volume 87, Article Number 14302, Published 2013 /C-20-8/ Chiruta, D; Jureschi, CM; Linares, J; Garcia, Y; Rotaru, A; J APPL PHYS, Volume 115, Article Number 53523, Published 2014 /C-20-9/ Jureschi, CM; Rusu, I; Codjovi, E; Linares, J; Garcia, Y; Rotaru, A; PHYSICA B, Volume 449, Page 47-51, Published 2014 /C-20-10/ Dirtu, MM; Schmit, F; Naik, AD; Rusu, I; Rotaru, A; Rackwitz, S; Wolny, JA; Schuenemann, V; Spinu, L; Garcia, Y; CHEM-EUR J, Volume 21, Page 5843-5855, Published 2015 /C-20-11/ Nica, M; Stancu, A; PHYSICA B, Volume 475, Page 73-79, Published	**3.429**

2015 /C-20-12/ Linares, J; Jureschi, CM; Boulmaali, A; Boukheddaden, K PHYSICA B, Volume 486, Page 164-168, Published 2016 /C-20-13/ Jureschi, CM; Linares, J; Boulmaali, A; Dahoo, PR; Rotaru, A; Garcia, Y; SENSORS-BASEL, Volume 16, Article Number 187, Published 2016 /C-20-14/ Gudyma, I; Ivashko, V; NANOSCALE RES LETT, Volume 11, Article Number 196, Published 2016 /C-20-15/ Diaconu, A; Lupu, SL; Rusu, I; Risca, IM; Salmon, L; Molnar, G; Bousseksou, A; Demont, P; Rotaru, A; J PHYS CHEM LETT, Volume 8, Page 3147-3151, Published 2017 /C-20-16/ Gaspar, AB; Molnar, G; Rotaru, A; Shepherd, HJ; CR CHIM, Volume 21, Page 1095-1120, Published 2018 /C-20-17/ Bodale, I; Stancu, A; MATERIALS, Volume 13, Article Number 135, Published 2020 /C-20-18/ Babilotte, K; Boukheddaden, K; PHYS REV B, Volume 101, Article Number 174113, Published 2020 /C-20-19/ Rusu, I; Manolache-Rusu, IC; Diaconu, A; Palamarciuc, O; Gural'skiy, IA; Molnar, G; Rotaru, A; J APPL PHYS, Volume 129, Article Number 64501, Published 2021 /C-20-20/ Cazelles, C; Singh, Y; Linares, J; Dahoo, PR; Boukheddaden, K; MATER TODAY COMMUN, Volume 26, Article Number 102074, Published 2021 /C-20-21/ Cazelles, C; Linares, J; Ndiaye, M; Dahoo, PR; Boukheddaden, K; MAGNETOCHEMISTRY, Volume 7, Article Number 69, Published 2021 /C-20-22/ Rotaru, GM; Codjovi, E; Dahoo, PR; Maurin, I; Linares, J; Rotaru, A; SYMMETRY-BASEL, Volume 13, Article Number 1148, Published 2021 /C-20-23/ Arzuza, LCC; Vega, V; Prida, VM; Moura, KO; Pirota, KR; Beron, F; NANOMATERIALS-BASEL, Volume 11, Article Number 3403, Published 2021 /C-20-24/ Cazelles, C; Linares, J; Dahoo, PR; Boukheddaden, K; MAGNETOCHEMISTRY, Volume 8, Article Number 49, Published 2022	
/ISI-21/ 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 n = 3 n^{ef} = 3 c = 40 /C-21-1/ Enachescu, C; Nishino, M; Miyashita, S; Stoleriu, L; Stancu, A; PHYS REV B, Volume 86, Article Number 54114, Published 2012 /C-21-2/ Tissot, A; Enachescu, C; Boillot, ML; J MATER CHEM, Volume 22, Page 20451-20457, Published 2012 /C-21-3/ Chiruta, D; Linares, J; Dahoo, PR; Dimian, M; J APPL PHYS, Volume 112, Article Number 74906, Published 2012 /C-21-4/ Roubeau, O; CHEM-EUR J, Volume 18, Page 15230-15244, Published 2012 /C-21-5/ Laosiritaworn, W; Laosiritaworn, Y; POLYHEDRON, Volume 66, Page 108-115, Published 2013 /C-21-6/ Laosiritaworn, Y; POLYHEDRON, Volume 66, Page 129-135, Published 2013 /C-21-7/ Chiruta, D; Linares, J; Dimian, M; Alayli, Y; Garcia, Y; EUR J INORG CHEM, Volume 2013, Page 5086-5093, Published 2013 /C-21-8/ Felix, G; Nicolazzi, W; Salmon, L; Molnar, G; Perrier, M; Maurin, G; Larionova, J; Long, J; Guari, Y; Bousseksou, A; PHYS REV LETT, Volume	**13.333**

110, Article Number 23571, Published 2013

/C-21-9/ Shepherd, HJ; Molnar, G; Nicolazzi, W; Salmon, L; Bousseksou, A; EUR J INORG CHEM, Volume SI, Page 653-661, Published 2013

/C-21-10/ Pavlik, J; Boca, R; EUR J INORG CHEM, Volume SI, Page 697-709, Published 2013

/C-21-11/ Gudyma, I; Ivashko, V; Linares, J; J APPL PHYS, Volume 116, Article Number 173509, Published 2014

/C-21-12/ Chiruta, D; Jureschi, CM; Linares, J; Graur, A; Dimian, M; Rotaru, A; IEEE T MAGN, Volume 50, Article Number 2900404, Published 2014

/C-21-13/ Mikolasek, M; Felix, G; Molnar, G; Terki, F; Nicolazzi, W; Bousseksou, A; PHYS REV B, Volume 90, Article Number 75402, Published 2014

/C-21-14/ Gudyma, I; Maksymov, A; Enachescu, C; PHYS REV B, Volume 89, Article Number 224412, Published 2014

/C-21-15/ Chiruta, D; Jureschi, CM; Linares, J; Garcia, Y; Rotaru, A; J APPL PHYS, Volume 115, Article Number 53523, Published 2014

/C-21-16/ Stoleriu, L; Stancu, A; Chakraborty, P; Hauser, A; Enachescu, C; J APPL PHYS, Volume 117, Article Number 17B307, Published 2015

/C-21-17/ Chiruta, D; Jureschi, CM; Linares, J; Dahoo, PR; Garcia, Y; Rotaru, A; EUR PHYS J B, Volume 88, Article Number 233, Published 2015

/C-21-18/ Linares, J; Jureschi, CM; Boulmaali, A; Boukheddaden, K; PHYSICA B, Volume 486, Page 164-168, Published 2016

/C-21-19/ Jureschi, CM; Pottier, BL; Linares, J; Dahoo, PR; Alayli, Y; Rotaru, A; PHYSICA B, Volume 486, Page 160-163, Published 2016

/C-21-20/ Drissi, LB; Zriouel, S; J STAT MECH-THEORY E, Volume , Article Number 53206, Published 2016

/C-21-21/ Shelest, V. V.; Khristov, A. V.; Levchenko, G. G.; LOW TEMP PHYS+, Volume 42, Page 505-512 , Published 2016

/C-21-22/ Jureschi, C; Linares, J; Rotaru, A; Garcia, Y; MAGNETOCHEMISTRY, Volume 2, Article Number 13, Published 2016

/C-21-23/ Gudyma, I; Maksymov, A; APPL SURF SCI, Volume 407, Page 93-98, Published 2017

/C-21-24/ Mikolasek, M; Nicolazzi, W; Terki, F; Molnar, G; Bousseksou, A; CHEM PHYS LETT, Volume 678, Page 107-111, Published 2017

/C-21-25/ Gaina, R; Enachescu, C; P ROMANIAN ACAD A, Volume 18, Page 215-222, Published 2017

/C-21-26/ Mikolasek, M; Felix, G; Peng, H; Rat, S; Terki, F; Chumakov, AI; Salmon, L; Molnar, G; Nicolazzi, W; Bousseksou, A; PHYS REV B, Volume 96, Article Number 35426, Published 2017

/C-21-27/ Shirinyan, AS; Bilogorodsky, YS; Makara, VA; POWDER METALL MET C+, Volume 56, Page 253-263, Published 2017

/C-21-28/ Nesterov, AI; Orlov, YS; Ovchinnikov, SG; Nikolaev, SV; PHYS REV B, Volume 96, Article Number 134103, Published 2017

/C-21-29/ Gudyma, I; Maksymov, A; APPL SURF SCI, Volume 424, Page 258-263, Published 2017

/C-21-30/ Enachescu, C; Nicolazzi, W; CR CHIM, Volume 21, Page 1179-1195, Published 2018

/C-21-31/ Pavlik, J; Linares, J; CR CHIM, Volume 21, Page 1170-1178, Published 2018

/C-21-32/ Stoleriu, L; Enachescu, C; P ROMANIAN ACAD A, Volume 20, Page 59-66, Published 2019

/C-21-33/ Mikolasek, M ; Ridier, K; Bessas, D; Cerantola, V; Felix, G; Chaboussant, G; Piedrahita-Bello, M; Angulo-Cervera, E; Godard, L; Nicolazzi, W; Salmon, L; Molnar, G; Bousseksou, A; J PHYS CHEM LETT, Volume 10,

Page 1511-1515, Published 2019 /C-21-34/ Lada, ZG; Andrikopoulos, KS; Polyzou, CD; Tangoulis, V; Voyiatzis, GA; J RAMAN SPECTROSC, Volume 51, Page 2171-2181, Published 2020 /C-21-35/ Toader, AM; Buta, MC; Cimpoesu, F; Toma, AI; Zalaru, CM; Cinteza, LO; Ferbinteanu, M; CHEM-SWITZERLAND, Volume 3, Page 411-439, Published 2021 /C-21-36/ Popa, AI; Stoleriu, L; Enachescu, C; J APPL PHYS, Volume 129, Article Number 131101, Published 2021 /C-21-37/ Wang, SY; Lv, D; Liu, ZY; Wang, W; Bao, J; Huang, H; J MOL GRAPH MODEL, Volume 107, Article Number 107967, Published 2021 /C-21-38/ Blanco, AA; Adams, DJ; Azoulay, JD; Spinu, L; Wiley, JB; MOLECULES, Volume 27, Article Number 1213, Published 2022 /C-21-39/ Gobel, C; Marquardt, K; Baabe, D (Baabe, Dirk); Drechsler, M; Loch, P; Breu, J; Greiner, A; Schmalz, H; Weber, B; NANOSCALE, Volume 14, Page 3131-3147, Published 2022 /C-21-40/ Talantsev, A; Bakhmetiev, M; Morgunov, R; J PHYS D APPL PHYS, Volume 55, Article Number 315002, Published 2022	
/ISI-22/ F. Gheorghiu, R. Tanasa, M.T. Buscaglia, V. Buscaglia, C. Pastravanu, E. Popovici, L. Mitoseriu; Preparation of Bi2Fe4O9 particles by hydrothermal synthesis and functional properties; Phase Transitions; Volume 86; Page 726-736; DOI 10.1080/01411594.2012.741238; Published JUL 1 2013 n = 7 n^{ef} = 6 c = 11 /C-22-1/ Rao, PKS; Krishnan, S; Pattabi, M; Sanjeev, G; RADIAT PHYS CHEM, Volume 113, Page 36-40, Published 2015 /C-22-2/ Xian, T; Di, LJ; Ma, J; Li, WQ; Wei, XG; Zhou, YJ; MATER TRANS, Volume 57, Page 1277-1281, Published 2016 /C-22-3/ Rao, P; Krishnan, S; Pattabi, M; Sanjeev, G; J MAGN MAGN MATER, Volume 401, Page 77-80, Published 2016 /C-22-4/ Lavasani, SANH; Mirzaee, O; Shokrollahi, H; Moghadam, AK; Salami, M; CERAM INT, Volume 43, Page 12120-12125, Published 2017 /C-22-5/ Salami, M; Mirzaee, O; Honarbakhsh-Raour, A; Lavasani, SANH; Moghadam, AK; CERAM INT, Volume 43, Page 14701-14709, Published 2017 /C-22-6/ Curti, M; Kirsch, A; Granone, LI; Tarasi, F; Lopez-Robledo, G; Bahnemann, DW; Murshed, MM; Gesing, TM; Mendive, CB; ACS CATAL, Volume 8, Page 8844-8855, Published 2018 /C-22-7/ Dai, JJ; Yang, HB; Wen, B; Zhou, HW; Wang, L; Lin, Y; APPL SURF SCI, Volume 479, Page 1226-1235, Published 2019 /C-22-8/ Altaf, S; Ali, K; Khan, HM; Sardar, K; Kamran, K; Raza, MA; DIG J NANOMATER BIOS, Volume 14, Page 727-733, Published 2019 /C-22-9/ Lu, M; Sun, YK; Yang, SH; Wang, HY; Guan, XH; Wang, GS; FRONT CHEM, Volume 8, Article Number 608, Published 2020 /C-22-10/ Betancourt-Cantera, LG; Fuentes, KM; Bolarin-Miro, AM; Aldabe-Bilmes, S; Cortes-Escobedo, CA; Sanchez-De Jesus, F; MATER RES BULL, Volume 132, Article Number 111012, Published 2020 /C-22-11/ Abdelmadjid, K; Gheorghiu, F; Abderrahmane, B; MATERIALS, Volume 15, Article Number 961, Published 2022	**1.833**
/ISI-23/ A. Markou, K.G. Beltsios, L.N. Gergidis, I. Panagiotopoulos, T. Bakas, K. Ellinas, A. Tserepi, L. Stoleriu, R. Tanasa, A. Stancu; Magnetization reversal in triangular L1(0)-FePt nanoislands; Journal of Magnetism and Magnetic Materials	**2.133**

Volume 344; Page 224-229; DOI 10.1016/j.jmmm.2013.06.009; Published OCT 2013 n = 10 n^{ef} = 7.5 c = 16 /C-23-1/ Stavrou, VD; Gergidis, LN; Markou, A; Charalambopoulos, A; Panagiotopoulos, I; J MAGN MAGN MATER, Volume 401, Page 716-723, Published 2016 /C-23-2/ Krupinski, M; Mitin, D; Zarzycki, A; Szkudlarek, A; Giersig, M; Albrecht, M; Marszalek, M; NANOTECHNOLOGY, Volume 28, Article Number 85302, Published 2017 /C-23-3/ Peng, Z; Wang, W; Lv, D; Liu, RJ; Li, Q; SUPERLATTICE MICROST, Volume 109, Page 675-686, Published 2017 /C-23-4/ Wang, W; Peng, Z; Lin, SS; Li, Q; Lv, D; Yang, S; SUPERLATTICE MICROST, Volume 113, Page 178-193, Published 2018 /C-23-5/ Yang, Y; Wang, W; Lv, D; Liu, JP; Gao, ZY; Wang, ZY; J PHYS CHEM SOLIDS, Volume 120, Page 109-122, Published 2018 /C-23-6/ Cimpoesu, D; Dumitru, I; Stancu, A; J APPL PHYS, Volume 125, Article Number 23906, Published 2019 /C-23-7/ Lv, D; Yang, Y; Jiang, W; Wang, F; Gao, ZY; Tian, M; PHYSICA A, Volume 514, Page 319-335, Published 2019 /C-23-8/ Kostopoulos, D; Panagiotopoulos, I; J MAGN MAGN MATER, Volume 472, Page 20-24, Published 2019 /C-23-9/ Yang, Y; Wang, W; Ma, H; Li, Q; Gao, ZY; Huang, T; PHYSICA E, Volume 108, Page 358-371, Published 2019 /C-23-10/ Gergidis, LN; Stavrou, VD; Kourounis, D; Panagiotopoulos, I; J MAGN MAGN MATER, Volume 481, Page 111-121, Published 2019 /C-23-11/ Wu, HJ; Wang, W; Li, BC; Yang, M; Yang, SQ; Wang, F; PHYSICA E, Volume 112, Page 86-95, Published 2019 /C-23-12/ Stavrou, VD; Kourounis, D; Dimakopoulos, K; Panagiotopoulos, I; Gergidis, LN; NANOSCALE, Volume 11, Page 20102-20114, Published 2019 /C-23-13/ Wang, W; Wu, HJ; Xie, PN; Lv, JH; Peng, Z; EUR PHYS J PLUS, Volume 135, Article Number 605, Published 2020 /C-23-14/ Zhao, XY; Wen, JH; Zhu, AN; Cheng, MY; Zhu, Q; Zhang, XL; Wang, YX; Zhang, YJ; NANOMATERIALS, Volume 10, Article Number 1667, Published 2020 /C-23-15/ Mourkas, A; Zarlaha, A; Kourkoumelis, N; Panagiotopoulos, I; NANOMATERIALS, Volume 11, Article Number 1030, Published 2021 /C-23-16/ Stavrou, VD; Gergidis, LN; J PHYS D APPL PHYS, Volume 54, Article Number 285001, Published 2021	
/ISI-24/ 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 n = 5 n^{ef} = 5 c = 17 /C-24-1/ Stoleriu, L; Stancu, A; Chakraborty, P; Hauser, A; Enachescu, C; J APPL PHYS, Volume 117, Article Number 17B307, Published 2015 /C-24-2/ Dirtu, MM; Schmit, F; Naik, AD; Rusu, I; Rotaru, A; Rackwitz, S; Wolny, JA; Schuenemann, V; Spinu, L; Garcia, Y; CHEM-EUR J, Volume 21, Page 5843-5855, Published 2015	**3.400**

/C-24-3/ Davesne, V; Gruber, M; Studniarek, M; Doh, WH; Zafeiratos, S; Joly, L; Sirotti, F; Silly, MG; Gaspar, AB; Real, JA; Schmerber, G; Bowen, M; Weber, W; Boukari, S; Da Costas, V; Arabski, J; Wulfhekel, W; Beaurepaire, E; J CHEM PHYS, Volume 142, Article Number 194702, Published 2015 /C-24-4/ Bertoni, R; Lorenc, M; Laisney, J; Tissot, A; Moreac, A; Matar, SF; Boillot, ML; Collet, E; J MAT CHEM C, Volume 3, Page 7792-7801, Published 2015 /C-24-5/ Valverde-Munoz, FJ; Gaspar, AB; Shylin, SI; Ksenofontov, V; Real, JA; INORG CHEM, Volume 54, Page 7906-7914, Published 2015 /C-24-6/ Pezeshki-Nejad, Z; Ramazani, A; Alikhanzadeh-Arani, S; Almasi-Kashi, M; Salavati-Niasari, M; J MAGN MAGN MATER, Volume 412, Page 243-249, Published 2016 /C-24-7/ Mebs, S; Braun, B; Kositzki, R; Limberg, C; Haumann, M; INORG CHEM, Volume 54, Page 11606-11624, Published 2015 /C-24-8/ Moulin, R; Delahaye, E; Bordage, A; Fonda, E; Baltaze, JP; Beaunier, P; Riviere, E; Fornasieri, G; Bleuzen, A; EUR J INORG CHEM, Volume 10, Page 1303-1313, Published 2017 /C-24-9/ Lasco, O; Boillot, ML; Bellec, A; Guillot, R; Riviere, E; Mazerat, S; Nowak, S; Morineau, D; Brosseau, A; Miserque, F; Repain, V; Mallah, T; J MATER CHEM C, Volume 5, Page 11067-11075, Published 2017 /C-24-10/ Felix, G; Mikolasek, M; Molnar, G; Nicolazzi, W; Bousseksou, A; EUR J INORG CHEM, Volume 3-4, Page 435-442, Published 2018 /C-24-11/ Molnar, G; Rat, S; Salmon, L; Nicolazzi, W; Bousseksou, A; ADV MATER, Volume 30, Article Number 17003862, Published 2018 /C-24-12/ Laisney, J; Shepherd, HJ; Rechignat, L; Molnar, G; Riviere, E; Boillot, ML; PHYS CHEM CHEM PHYS, Volume 20, Page 15951-15959, Published 2018 /C-24-13/ Salmon, L; Catala, L; CR CHIM, Volume 21, Page 1230-1269, Published 2018 /C-24-14/ Enachescu, C; Nicolazzi, W; CR CHIM, Volume 21, Page 1179-1195, Published 2018 /C-24-15/ Morgunov, RB; Koplak, OV; Kirman, MV; J PHYS-CONDENS MAT, Volume 31, Article Number 85801, Published 2019 /C-24-16/ Molnar, G; Mikolasek, M; Ridier, K; Fahs, A; Nicolazzi, W; Bousseksou, A; ANN PHYS-BERLIN, Volume 531, Article Number 1900076, Published 2019 /C-24-17/ Rusu, I; Manolache-Rusu, IC; Diaconu, A; Palamarciuc, O; Gural'skiy, IA; Molnar, G; Rotaru, A; J APPL PHYS, Volume 129, Article Number 64501, Published 2021	
/ISI-25/ A. Atitoaie, R. Tanasa, A. Stancu, C. Enachescu; Study of spin crossover nanoparticles thermal hysteresis using FORC diagrams on an Ising-like model; Journal of Magnetism and Magnetic Materials Volume 368; Page 12-18; DOI 10.1016/j.jmmm.2014.04.054; Published NOV 2014 n = 4 n^{ef} = 4 c = 22 /C-25-1/ Dirtu, MM; Schmit, F; Naik, AD; Rusu, I; Rotaru, A; Rackwitz, S; Wolny, JA; Schuenemann, V; Spinu, L; Garcia, Y; CHEM-EUR J, Volume 21, Page 5843-5855, Published 2015 /C-25-2/ Bartual-Murgui, C; Natividad, E; Roubeau, O; J MAT CHEM C, Volume 30, Page 7916-7924, Published 2015 /C-25-3/ Palii, A; Ostrovsky, S; Reu, O; Tsukerblat, B; Decurtins, S; Liu, SX; Klokishner, S; J CHEM PHYS, Volume 143, Article Number 84502, Published 2015 /C-25-4/ Gudyma, IV; Maksymov, AI; Dimian, M; PHYSICA B, Volume 486, Page	**5.500**

44-47, Published 2016 /C-25-5/ Pezeshki-Nejad, Z; Ramazani, A; Alikhanzadeh-Arani, S; Almasi-Kashi, M; Salavati-Niasari, M; J MAGN MAGN MATER, Volume 412, Page 243-249, Published 2016 /C-25-6/ Enachescu, C; Hauser, A; PHYS CHEM CHEM PHYS, Volume 18, Page 20591-20599, Published 2016 /C-25-7/ Robertson, K; Flandrin, PB; Shepherd, HJ; Wilson, CC; CHIM OGGI, Volume 35, Page 19-22, Published 2017 /C-25-8/ Robertson, K; CHEM CENT J, Volume 11, Article Number 4, Published 2017 /C-25-9/ Mikolasek, M; Felix, G; Peng, H; Rat, S; Terki, F; Chumakov, AI; Salmon, L; Molnar, G; Nicolazzi, W; Bousseksou, A; PHYS REV B, Volume 96, Article Number 35426, Published 2017 /C-25-10/ Zhao, T; Boldog, I; Janiak, C; Liu, YJ; CHINESE J INORG CHEM, Volume 33, Page 1330-1338, Published 2017 /C-25-11/ Zoppellaro, G; Tucek, J; Ugolotti, J; Aparicio, C; Malina, O; Cepe, K; Zboril, R; CHEM MATER, Volume 29, Page 8875-8883, Published 2017 /C-25-12/ Oubouchou, H; Singh, Y; Boukheddaden, K; PHYS REV B, Volume 98, Article Number 14106, Published 2018 /C-25-13/ Ostrovsky, S; Palii, A; Decurtins, S; Liu, SX; Klokishner, S; J PHYS CHEM C, Volume 122, Page 22150-22159, Published 2018 /C-25-14/ Pavlik, J; Linares, J; CR CHIM, Volume 21, Page 1170-1178, Published 2018 /C-25-15/ Gudyma, I; Maksymov, A; APPL SURF SCI, Volume 483, Page 779-784, Published 2019 /C-25-16/ Klokishner, S; Reu, O; J PHYS CHEM C, Volume 123, Page 19984-19990, Published 2019 /C-25-17/ Singh, Y; Oubouchou, H; Nishino, M; Miyashita, S; Boukheddaden, K; PHYS REV B, Volume 101, Article Number 54105, Published 2020 /C-25-18/ Moreno-Ramirez, LM; Franco, V; METALS-BASEL, Volume 10, Article Number 1039, Published 2020 /C-25-19/ Kalita, VM; Levchenko, GG; J PHYS COMM, Volume 4, Article Number 95024, Published 2020 /C-25-20/ Diaz-Garcia, A; Moreno-Ramirez, LM; Law, JY; Albertini, F; Frabbrici, S; Franco, V; J ALLOY COMPD, Volume 867, Article Number 159184, Published 2021 /C-25-21/ Chakraborty, P; Sy, M; Fourati, H; Delgado Pérez, MT; Dutta, M; Das, C; Besnard, C; Hauser, A; Enachescu, C; Boukheddaden, K; PHYS CHEM CHEM PHYS, Volume 24, Page 982-994, Published 2022 /C-25-22/ Ed-Daoui, A; Benelmostafa, M; Dahmani, M; Chahlal, A; POLYM BULL, Volume , Article Number , Published 2022	
/ISI-26/ R.M. Stan, R. Gaina, C. Enachescu, R. Tanasa, A. Stancu, R. Bronisz; Kinetic effects on double hysteresis in spin crossover molecular magnets analyzed with first order reversal curve diagram technique; Journal of Applied Physics Volume 117; Article Number 17B323; DOI 10.1063/1.4918961; Published MAY 7 2015 n = 6 n^{ef} = 5.5 c = 3 /C-26-1/ Palii, A; Ostrovsky, S; Reu, O; Tsukerblat, B; Decurtins, S; Liu, SX; Klokishner, S; J CHEM PHYS, Volume 143, Article Number 84502, Published 2015 /C-26-2/ Felix, G; Mikolasek, M; Molnar, G; Nicolazzi, W; Bousseksou, A; EUR J INORG CHEM, Volume 3-4, Page 435-442, Published 2018	**0.545**

/C-26-3/ Ridier, K; Rat, S; Salmon, L; Nicolazzi, W; Molnar, G; Bousseksou, A; PHYS CHEM CHEM PHYS, Volume 20, Page 9139-9145, Published 2018	
/ISI-27/ M. Lankelma, J. de Boer, M. Ferbinteanu, A.L.D.I. Ramos, R. Tanasa, G. Rothenberga, S. Tanase; A novel one-dimensional chain built of vanadyl ions and pyrazine-2,5-dicarboxylate; Dalton Transactions Volume 44; Page 11380-11387; DOI 10.1039/c5dt01628b; Published 2015 n = 7 n^{ef} = 6 c = 5 /C-27-1/ Yanga, JX; Qina, YY; Yeab, RP; Zhanga, X; Yao, YG; CRYST ENG COMM, Volume 18, Page 8309-8320, Published 2016 /C-27-2/ Cepeda, J; Beobide, G; Castillo, O; Luque, A; Perez-Yanez, S; COORDIN CHEM REV, Volume 352, Page 83-107, Published 2017 /C-27-3/ Tang, YW; Soares, AC; Ferbinteanu, M; Gao, Y; Rothenberg, G; Tanase, S; DALTON T, Volume 47, Page 10071-10079, Published 2018 /C-27-4/ Gomes, AC; Antunes, MM; Abrantes, M; Valente, AA; Paz, FAA; Goncalves, IS; Pillinger, M; CHEMCATCHEM, Volume 10, Page 3481-3489, Published 2018 /C-27-5/ Al-Nubi, MAA; Hamisu, AM; Ariffin, A; Zhang, JF; Shimizu, GKH; Jo, H; Ok, KM; Wibowo, AC; J COORD CHEM, Volume 74, Page 1810-1822, Published 2021	**0.833**
/ISI-28/ A. Atitoaie, L. Stoleriu, R. Tanasa, A. Stancu, C. Enachescu; Thermal hysteresis kinetic effects of spin crossover nanoparticulated systems studied by FORC diagram method on an Ising-like model; Physica B-Condensed Matter; Volume 486; Page 138-141; DOI 10.1016/j.physb.2015.08.035; Published APR 1 2016 n = 5 n^{ef} = 5 c = 2 /C-28-1/ Pavlik, J; Linares, J; CR CHIM, Volume 21, Page 1170-1178, Published 2018 /C-28-2/ Xu, XH; Yan, H; Wang, ZW; Zou, XL; ADV MECH ENG, Volume 10, Article Number 1687814018821000, Published 2018	**0.400**
/ISI-29/ 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 n = 6 n^{ef} = 5.5 c = 15 /C-29-1/ Gudyma, Iu; Maksymov, A; APPL SURF SCI, Volume 407, Page 93-98, Published 2017 /C-29-2/ Kumar, KS; Ruben, M; COORDIN CHEM REV, Volume 346, Page 176-205, Published 2017 /C-29-3/ Gudyma, Iu; Maksymov, A; APPL SURF SCI, Volume 424, Page 258-263, Published 2017 /C-29-4/ Zhang, YC; J CHEM PHYS, Volume 148, Article Number 44706, Published 2018 /C-29-5/ Molnar, G; Rat, S; Salmon, L; Nicolazzi, W; Bousseksou, A; ADV MATER, Volume 30, Article Number 17003862, Published 2018 /C-29-6/ Laisney, J; Shepherd, HJ; Rechignat, L; Molnar, G; Riviere, E; Boillot, ML; PHYS CHEM CHEM PHYS, Volume 20, Page 15951-15959, Published 2018	**2.727**

/C-29-7/ Oubouchou, H; Singh, Y; Boukheddaden, K; PHYS REV B, Volume 98, Article Number 14106, Published 2018 /C-29-8/ Salmon, L; Catala, L; CR CHIM, Volume 21, Page 1230-1269, Published 2018 /C-29-9/ Affes, K; Slimani, A; Maalej, A; Boukheddaden, K; CHEM PHYS LETT, Volume 718, Page 46-53, Published 2019 /C-29-10/ Singh, Y; Oubouchou, H; Nishino, M; Miyashita, S; Boukheddaden, K; PHYS REV B, Volume 101, Article Number 54105, Published 2020 /C-29-11/ Affes, K; Slimani, A; Singh, Y; Maalej, A; Boukheddaden, K; J PHYS-CONDENS MAT, Volume 32, Article Number 255402, Published 2020 /C-29-12/ Gudyma, I; Boboshko, K; Boukheddaden, K; PHYS LETT A, Volume 384, Article Number 126677, Published 2020 /C-29-13/ Trinh, L; Zerdane, S; Mazerat, S; Dia, N; Dragoe, D; Herrero, C; Riviere, E; Catala, L; Cammarata, M; Collet, E; Mallah, T; INORG CHEM, Volume 59, Page 13153-13161, Published 2020 /C-29-14/ Gudyma, I; Yarema, V; APPL NANOSCI, Volume 12, Page 747-753, Published 2022 /C-29-15/ Angulo-Cervera, JE; Piedrahita-Bello, M; Martin, B; Alavi, SE; Nicolazzi, W; Salmon, L; Molnar, G; Bousseksou, A; MATERIALS ADVANCES, Volume 3, Page 5131-5137, Published 2022	
/ISI-30/ 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 n = 6 n^{ef} = 5.5 c = 4 /C-30-1/ Sawczak, M; Jendrzejewski, R; Maskowicz, D; Garcia, Y; Ghosh, AC; Gazda, M; Czechowski, J; Sliwinski, G; EUR J INORG CHEM, Volume 27, Page 3249-3255, Published 2019 /C-30-2/ Trinh, L; Zerdane, S; Mazerat, S; Dia, N; Dragoe, D; Herrero, C; Riviere, E; Catala, L; Cammarata, M; Collet, E; Mallah, T; INORG CHEM, Volume 59, Page 13153-13161, Published 2020 /C-30-3/ Rusu, I; Manolache-Rusu, IC; Diaconu, A; Palamarciuc, O; Gural'skiy, IA; Molnar, G; Rotaru, A; J APPL PHYS, Volume 129, Article Number 64501, Published 2021 /C-30-4/ Angulo-Cervera, JE; Piedrahita-Bello, M; Martin, B; Alavi, SE; Nicolazzi, W; Salmon, L; Molnar, G; Bousseksou, A; MATERIALS ADVANCES, Volume 3, Page 5131-5137, Published 2022	**0.727**
/ISI-31/ J. Laisney, D. Morineau, C. Enachescu, R. Tanasa, E. Riviere, R. Guillot, M.L. Boillot; Mechanical-tuning of the cooperativity of SC particles via the matrix crystallization and related size effects; Journal of Materials Chemistry C Volume 8; Page 7067-7078; DOI 10.1039/d0tc00067a; Published JUN 7 2020 n = 7 n^{ef} = 6 c = 4 /C-31-1/ Zhao, T; Zhu, HX; Dong, M; CRYSTALS, Volume 10, Article Number 639, Published 2020 /C-31-2/ Maurin, I; Itoi, M; Cain, JM; Talham, DR; Gacoin, T; Boukheddaden, K; Itie, JP; J APPL PHYS, Volume 129, Article Number 235106, Published 2021 /C-31-3/ Gobel, C; Marquardt, K; Baabe, D (Baabe, Dirk); Drechsler, M; Loch, P; Breu, J; Greiner, A; Schmalz, H; Weber, B; NANOSCALE, Volume 14,	**0.666**

Page 3131-3147, Published 2022 /C-31-4/ Volte, A; Mariette, C; Bertoni, R; Cammarata, M; Dong, X; Trzop, E; Cailleau, H; Collet, E; Levantino, M; Wulff, M; Kubicki, J; Yang, FL; Boillot, ML; Corraze, B; Stoleriu, L; Enachescu, C; Lorenc, M; COMMUN PHYS-UK, Volume 5, Article Number 168, Published 2022	
/ISI-32/ 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 n = 11 n^{ef} = 8 c = 9 /C-32-1/ Park, SJ; Frake, RA; Karabiyik, C; Son, SM; Siddiqi, FH; Bento, CF; Sterk, P; Vicinanza, M; Pavel, M; Rubinsztein, DC; CELL DEATH DIFFER, Volume 29, Page 1055-1070, Published 2022 /C-32-2/ Zhao, BS; Li, YP; Wang, QN; Ren, Y; Zheng, ZL; Bai, MH; Lv, JC; Li, K; Xu, JZ; Li, ZM; Song, XR; CHEM ENG J, Volume 427, Article Number 130911, Published 2022 /C-32-3/ Wang, RC; Zhu, GQ; TRANSL CANCER RES, Volume 11, Page 262-275, Published 2022 /C-32-4/ Maejima, Y; Zablocki, D; Nah, J; Sadoshima, J; CARDIOVASC RES, Volume , Article Number cvac014, Published 2022 /C-32-5/ Sun, J; Ha, N; Liu, ZX; Bian, Q; Wang, XD; FRONT PHYSIOL, Volume 13, Article Number 855959, Published 2022 /C-32-6/ Cheng, YF; Mao, MS; Lu, Y; BIOMARK RES, Volume 10, Article Number 34, Published 2022 /C-32-7/ Ravasio, A; Morselli, E; Bertocchi, C; FRONT CELL DEV BIOL, Volume 10, Article Number 917662, Published 2022 /C-32-8/ Tan, A; Prasad, R; Lee, C; Jho, EH; CELL DEATH DIFFER, Volume 29, Page 1433-1449, Published 2022 /C-32-9/ Lo Sardo, F; Canu, V; Maugeri-Sacc, M; Strano, S; Blandino, G; BBA-REV CANCER, Volume 1877, Article Number 188756, Published 2022	**1.125**
Total C	**80.003**

2. Indicele HIrsch

…… h

Indicele Hirsch	**Punctaj**
/h-1/ Radu-Andrei Tanasa Orcid: https://orcid.org/0000-0002-6495-0457 Researcherid: http://www.researcherid.com/rid/B-4904-2008 Scopus: https://www.scopus.com/authid/detail.uri?authorId=6506742511	**13**
Total h	**13**

TOTAL PUNCTAJ CNATDCU

…… T = A + I/2 + P/2 + C/20 + h/5

Tip activitate / Indicatori	Punctaj
1. Activitatea Didactică și Profesională	**A=2.466**
2.1. Articole științifice originale în extenso ca autor	**I=4.460**
2.2. Articole științifice originale în extenso ca prim autor sau autor corespondent	**P=6.985**
3.1. Citări în reviste științifice cu factor de impact	**C=80.003**
3.2. Indicele Hirsch	**h=13**
Total T	**14.788**

Data 30-01-2023

Prenume si Nume: Radu-Andrei Tanasă

Semnătura _____