

Titlu proiect: Studiul comportamentului micro si nanoparticulelor cu tranzitie de spin in diverse medii (MICROSPIN)

Categoria de proiect: Capacitati: Modul III – Cooperari Bilaterale

Contractul de finanțare: 785/ 30.06.2014

Manager proiect: conf. dr. habil. Cristian Enachescu

Lista rezultate

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII / COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/EDITURA IN CARE A APARUT / CONFERINTA LA CARE S-A COMUNICAT	ANUL PUBLICĂRII/ COMUNICĂRII
ARTICOLE ISI				
1	Enachescu C., Tanasa R., Stancu A, Tissot A., Laisney J., Boillot ML.	Matrix-assisted relaxation in Fe(phen)(2)(NCS)(2) spin-crossover microparticles, experimental and theoretical investigations	Applied Physics Letters, V. 109, Issue 3, nr. 031908, DOI: 10.1063/1.4959262	2016
2	Bertoni R., Lorenc M., Cailleau H., Tissot A., Laisney J., Boillot ML., Stoleriu L., Stancu A., Enachescu C., Collet E.	Elastically driven cooperative response of a molecular material impacted by a laser pulse	Nature Materials, V. 15, p.606, DOI: 10.1038/NMAT4606	2016
ARTICOLE ALTE BAZE DE DATE				
1				
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CARTI				
1				
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COMUNICARI ȘTIINȚIFICE NATIONALE				
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COMUNICARI ȘTIINȚIFICE INTERNAȚIONALE				
1	Enachescu C., Boillot ML.	Spin-crossover microparticles in surfactants	COST Action CN1305 ECOSTBio 3 th Scientific meeting, Belgrad	24-25.06.2015
2	Laisney J., Nguyen L., Tissot A., Enachescu C., Hauser A., Bertoni R., Lorenc M., Collet E., Boillot ML.	Thermo and photoinduced spin state switching of SCO nanomaterials	13 th European Conference on Molecular Electronics, Strasbourg	1-5.09.2015
3	Boillot ML., Laisney J., Tissot A., Enachescu C., Tanasa R., Stancu A.	Integration of spin-crossover microparticles in matrices: a way for playing with volume-dependent effects	GDR Gif sur Yvette	11-15.12.2015

4	Enachescu C., Tanasa R., Stoleriu I., Stancu A., Tissot A., Laisney J., Boillot ML.	High spin-low spin relaxation of spin-crossover microparticles modulated by the environment. Theoretical and experimental investigations	GDR Magnetisme et commutation moleculaire, Franta	2016
5	Enachescu C., Hauser A., Boillot ML., Lorene M., Collet E.	Understanding experimental data in spin crossover system using elastic models	Phase Transition and Dynamical properties of Spin Transition Materials, Spania	2016
6	Enachescu C., Tanasa R., Stoleriu I., Stancu A., Tissot A., Laisney J., Boillot ML.	Matrix-assisted relaxation in Fe(Phen)2(NCS)2 spin-crossover microparticles. Theoretical and experimental investigations	COST Action CN1305 ECOSTBio 4 th Scientific meeting, Praga	24-25.04.2016
ATLASE, DICTIONARE DE SPECIALITATE				
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CERERI BREVET DE INVENTII/BREVET OBTINUT				
ALTE rezultate				
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**Director proiect,
conf. dr. habil. Cristian Enachescu**

