

INDICATORI DE PERFORMANTA PLANIFICATI

An	Numar de articole acceptate spre publicare în reviste indexate ISI	Numar de articole acceptate spre publicare în reviste indexate în baze de date internaționale	Numar cereri de brevete naționale depuse	Numar cereri de brevete internaționale depuse
2009	3	1	0	0
2010	2	1	1	0
2011	2	1	0	0
Total	7	3	1	0

Brevete de invenție/cerei de brevete de invenție

	Titlu	Autori	Stadiu
1	Procedeu de preparare a unor pigmenți fotoluminescenti de culoare galben-portocalie pentru dispozitive de iluminat	E.-J. Popovici, M. Morar, L.E. Muresan, E. Bica, I. Nemeth	CBI a 1099/ 12 nov. 2010
2	Procedeu de preparare a sulfurii de zinc nanocristaline	E.-J. Popovici, A.-I. Cadis, L. Silaghi-Dumitrescu, I.M. Perhaita	CBI 01350/ 08 12.2011

Lucrări publicate in reviste indexate BDI

	Revista	Titlu	Autori
1	Journal of Optoelectronics and Advanced Materials – Symposia (2009), 1(6), 1000 – 1003*	Study on the synthesis of cerium doped yttrium aluminate powders with luminescent properties	E.-J. Popovici, M. Morar, L.E. Mureșan, R. Grecu, L. Barbu-Tudoran, E. Indrea
2	IEEE Proceeding of “The 33rd International Semiconductor Conference” CAS 2010, 513 – 516*	Studies on the synthesis of manganese doped zinc sulfide nanocrystalline powders using methacrylic acid as additive	A.-I. Cadis, E.-J. Popovici, E. Bica, I. Perhaita, L. Barbu-Tudoran, E. Indrea

Lucrări publicate in reviste cotate ISI

	Revista	Titlu	Autori	F.I.
1	Studia Universitatis Babes Bolyai Chemia (2009), LIV(3), 23-29	Preparation and characterization of manganese doped zinc sulphide nanocrystalline powders with luminescent properties	A.-I. Cadiş, A.R. Tomşa, E. Bica, L. Barbu-Tudoran, L. Silaghi-Dumitrescu, E.-J. Popovici	0,086
2	Radiation Measurements (2010), 45(3-6) , 300-303	Studies on terbium activated yttrium based tantalate phosphors	E.-J. Popovici , M. Nazarov, L. Muresan, D.Y. Noh, M. Morar , E. Bica, E. Indrea	1,610
3	Journal of Alloys and Compounds (2010), 497(1-2), 201-209	Synthesis and characterisation of terbium activated yttrium tantalate phosphor	E.-J. Popovici, M. Nazarov, L. Muresan, D.Y. Noh, L. Barbu-Tudoran, E. Bica, E. Indrea	2,135
4	Studia Universitatis Babes-Bolyai Chemia (2010) LV(1), 265-271	Studies on the synthesis of manganese doped zinc sulphide nanocrystalline powders	A.-I. Cadiş, E.-J. Popovici, E. Bica, L. Barbu-Tudoran	0,086
5	Chalcogenide Letters (2010) 7, 631-640.	On the preparation of manganese-doped zinc sulphide nanocrystalline powders using the wet-chemical synthesis route	A.-I. Cadiş, E.-J. Popovici, E. Bica, I. Perhaita, L. Barbu-Tudoran, E. Indrea	0,688
6	Journal of Alloys and Compounds (submitted)	Studies on the synthesis of manganese doped zinc sulfide nanocrystalline powders using simultaneous addition of reagent route		2,135
7	Journal of Optoelectronics and Advanced Materials , 2011, 13 (6), 617 – 624	Synthesis and characterization of cerium doped yttrium-gadolinium aluminate phosphors by wet-chemical synthesis route,	E.-J. Popovici, M. Morar, E.Bica, I.M.Perhaita, A.-I. Cadis, E.Indrea, L.Barbu-Tudoran	0.412
8	Digest Journal of Nanomaterials and Biostructures , 2011, 6 (4) , 1479-1489	Synthesis of manganese doped zinc sulphide nanocrystalline powders by wet-chemical synthesis route,	A.-I. Cadiş, E.-J. Popovici, E. Bica, I. M.Perhaita, L. Barbu-Tudoran, E. Indrea, L. Silaghi-Dumitrescu	2.078
9	Journal of Optoelectronics and Advanced Materials, 2011, 13 (11-12) , 1458 – 1461;	On the preparation of photoluminescent zinc sulphide powders from single-source molecular precursors: Thermal decomposition of zinc diethyldithiocarbamate,	A.-I. Cadiş, E.-J. Popovici, E. Bica, I. M.Perhaita, L. Barbu-Tudoran, E. Indrea, L. Silaghi-Dumitrescu	0.412
10	Journal of Alloys and Compounds (submitted JALCOM-S-11-02892)	On the preparation of strontium aluminate–based phosphors by wet-chemical synthesis route	E.-J. Popovici, L.E.Muresan, M.Morar, E. Bica, I. M.Perhaita, E.Indrea, L. Barbu-Tudoran,	2,135
11	Chemical Papers (submitted MN 523-11).	Physical-chemical properties of precursors for yag:ce type phosphors obtained by wet-chemical synthesis	I. Perhaita , E.-J. Popovici, L. E. Muresan, M. Morar, A.-I. Cadis	0.762

Lucrari prezentate la manifestări stiintifice

	Manifestare	Titlu	Autori
1	“7th International Conference on Luminescent Detectors and Transformers of Ionizing Radiation” (LUMDETR 2009), 12-17 Julie 2009, Cracovia (Polonia)	Studies on terbium activated yttrium tantalate based phosphors	E.-J. Popovici, M. Nazarov, L. Muresan, D.Y. Noh, M. Morar, E. Bica, E. Indrea
2	A 9-a editie a Seminarului National de Nanostiinta si Nanotehnologie, 16 mar 2010, Bucuresti (Romania)	Studii privind sinteza si caracterizarea unui luminofor pe baza de aluminat de ytriu dopat cu ceriu, cu proprietati controlate	E.-J. Popovici, M. Morar, L.E. Muresan, E. Bica, L. Barbu-Tudoran, E. Indrea
3	“The 33rd International Semiconductor Conference” (CAS 2010), 11-13 Oct 2010, Sinaia (Romania)	Studies on the synthesis of manganese doped zinc sulfide nanocrystalline powders using methacrylic acid as additive	A.-I. Cadis, E.-J. Popovici, E. Bica, I. Perhaița, L. Barbu-Tudoran, E. Indrea
4	“5 th International Conference on Amorphous and Nanostructured Chalcogenides “(ANC-5), 2011, Magurele, Bucuresti (Romania)	On the preparation of photoluminescent zinc sulphide powders from single-source molecular precursors: Thermal decomposition of zinc diethyldithiocarbamate,	A.-I. Cadis, E.-J. Popovici, E. Bica, I. Perhaița, L. Barbu-Tudoran, E. Indrea
5	“18th International Symposium on Metastable, Amorphous and Nanostructured Materials “(ISMANAM 2011),Gijon, Spania”	On the preparation of strontium aluminate–based phosphors by wet-chemical synthesis route	E.-J. Popovici, L.E. Muresan, M. Morar E. Bica, I.Perhaita, E. Indrea, L. Barbu-Tudoran,
6	1st Central and Eastern European Conference on Thermal Analysis and Calorimetry “(CEEC-TAC), 2011 Craiova (Romania)	Preparation of strontium aluminate type phosphors by wet-chemical synthesis route: thermal caracterisation of precursors	E.-J. Popovici, I.Perhaita, M.Morar, L.E. Muresan, A.-I.Cadis
7	“5th Meeting on Chemistry and Life “(CHL2011), 2011, Brno (CzehRepublik)	Physical-chemical properties of precursors for YAG:ce type phosphors obtained by wet-chemical synthesis	I.Perhaita , E.-J. Popovici, L.E.Muresan, M.Morar, A.-I. Cadis