

Şef lucr.dr.ing. IAGĂR ANGELA

Activitate ştiinţifică (perioada 2005-2010)

1. Articole publicate în reviste cotate ISI

Nr. crt.	An, luna	Autor(i)	Titlu articol	Revista ISI in care a fost publicat articolul	Nr. vol., pag., nr. pagini	ISSN	Site web revista	Factor de impact
1	2009, 1	IAGĂR A., ŞORA I., RADU D., PĂNOIU C., ABRUDEAN C.	TECHNOLOGICAL PRACTICABILITY OF THE NUMERICAL MODELING OF INDUCTION HEATING PROCESS IN STEEL PIECES	REVISTA DE METALURGIA, MADRID, SPANIA	Vol 45 No 1, pp. 20-31, 12 pg.	0034-8570	www.cenim.csic.es	0,47
2	2008, 9	IAGĂR A., ABRUDEAN C., DINIŞ C. M., PĂNOIU C.	RESEARCH UPON OPTIMISATION OF THE VOLUME INDUCTION HEATING PROCESS	METALURGIA INTERNATIONAL, ISSN 1582-2214	Vol. XIII, No 9, pp. 27-32	1582-2214	www.metalurgia.ro	-
3	2008, 9	DINIS C. M., POP E., IAGĂR A., POPA G. N.	RESEARCHES UPON THE HIERARCHIAL CONTROL OF A CONVEYOR BELT SYSTEM FROM THE SINTERING PLANTS	METALURGIA INTERNATIONAL, ISSN 1582-2214	Vol. XIII, No 9, pp. 54-61	1582-2214	www.metalurgia.ro	-

2. Lucrari stiintifice publicate in volume cotate ISI Proceedings

Nr. crt.	An, luna	Autor(i)	Titlu lucrare	Volumul ISI Proceedings in care a fost publicata lucrarea	Pag., nr. pagini	ISBN	Site web conferinta
1	2010, 7	IAGAR A., POPA G. N., DINIS C. M.	MODERN EQUIPMENT FOR RECORDING AND ANALYZING THE EVENTS IN ELECTRIC STATIONS	14TH WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS (14th WSEAS CSCC MULTICONFERENCE) LATEST TRENDS ON SYSTEMS, VOL. I, CORFU ISLAND, GREECE, JULY 22-24, 2010	pp. 222-227, 6 pag.	978-960-474-199-1	www.wseas.us/conferences/corfu/ics
2	2010, 7	POPA G. N., DEACONU S., DINIS C. M., IAGAR A.	AN ANALOGICAL DISTANCE RELAY FOR THE 110KV ELECTRIC LINES	14TH WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS (14th WSEAS CSCC MULTICONFERENCE) LATEST TRENDS ON SYSTEMS, VOL. I, CORFU ISLAND, GREECE, JULY 22-24, 2010	pp. 165-170, 6 pag.	978-960-474-199-1	www.wseas.us/conferences/corfu/ics
3	2010, 5	DINIS C. M., POPA G. N., IAGAR A.	SOFTWARE FOR HIERARCHICAL CONTROL OF MATERIALS TRANSPORTATION PROCESS	PROCEEDINGS OF THE 12TH WSEAS INTERNATIONAL CONFERENCE ON AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMOS '10), CATANIA, SICILY, ITALY, MAY 29-31, 2010	pp. 439-444, 6 pag.	978-954-92600-1-4	www.wseas.us/conferences/2010/catania/acmos
4	2010, 5	POPA G.N., POPA I., DINIS C.M., IAGAR A.	DETERMINING START TIME FOR THREE-PHASE CAGE INDUCTION MOTORS THAT DRIVE BELT TRANSPORT CONVEYERS	12TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, OPTIM 2010, BRASOV, ROMANIA, MAY 20-22, 2010	pp. 447-452, 6 pag.	978-1-4244-7020-4	www.info-optim.ro/
5	2010, 3	TOMA A.I., POPA G.N., IAGAR A., DEACONU S.I.	EXPERIMENTAL ANALYSIS OF ELECTRIC PARAMETERS OF A 100 T UHP ELECTRIC ARC FURNACE	2010 IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL TECHNOLOGY (ICIT 2010), VINA DEL MAR, CHILE, 14-17 MARCH 2010	pp. 919-924, 6 pag.	978-1-4244-5695-6	www.icit2010.usm.cl/
6	2009, 7	IAGĂR A., POPA G. N., DINIŞ C.M., MORARU G.	STUDY ABOUT NUMERICAL RELAY SEL-387 FOR OVERCURRENT AND DIFFERENTIAL PROTECTIONS OF	PROCEEDINGS OF THE 13TH WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS, WSEAS MULTICONFERENCE CSCC (CSCC 09, CIRCUITS, SYSTEMS, COMMUNICATIONS AND	pp. 265-270, 6 pag.	978-960-474-097-0	www.wseas.us/conferences/2009/ro/dos/ics/

			110/20 KV TRANSFORMERS	COMPUTERS), RODOS, GREECE, JULY 22-24, 2009			
7	2009, 7	DINIȘ C. M., CUNȚAN C. D., IAGĂR A., POPA G. N., RUSU ANGHEL S.	ASPECTS REGARDING THE FUZZY LOGIC IN THE PROCESS CONTROL FROM THE SINTERING PLANTS	PROCEEDINGS OF THE 13TH WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS, WSEAS MULTICONFERENCE CSCC (CSCC 09, CIRCUITS, SYSTEMS, COMMUNICATIONS AND COMPUTERS), RODOS, GREECE, JULY 22-24, 2009	pp. 277 - 282, 6 pag.	978- 960- 474- 097-0	www.wseas.us/co nferences/2009/ro dos/ics/
8	2009, 7	POPA G. N., DEACONU S. I., DINIȘ C. M., IAGĂR A.	IMPLEMENTATION OF A NUMERICAL DISTANCE RELAY FOR THE 110 KV ELECTRIC LINES	PROCEEDINGS OF THE 13TH WSEAS INTERNATIONAL CONFERENCE ON SYSTEMS, WSEAS MULTICONFERENCE CSCC (CSCC 09, CIRCUITS, SYSTEMS, COMMUNICATIONS AND COMPUTERS), RODOS, GREECE, JULY 22-24, 2009	pp.271- 276, 6 pag.	978- 960- 474- 097-0	www.wseas.us/co nferences/2009/ro dos/ics/
9	2008, 11	IAGĂR A., POPA G. N., DINIȘ C. M.	POWER QUALITY MEASUREMENT FOR LINE FREQUENCY CORELESS INDUCTION FURNACES IN MV NETWORK	PROCEEDINGS OF THE 8TH WSEAS INTERNATIONAL CONFERENCE ON ELECTRIC POWER SYSTEMS, HIGH VOLTAGES, ELECTRIC MACHINES (EPS '08), VENETIA, ITALIA, PUBLISHED BY WSEAS PRESS	pp. 153- 158, 6 pag.	ISBN 978- 960- 474- 026-0, ISSN 1790- 5117	www.wseas.org/co nferences/2008/ve nice/power/
10	2008, 11	DINIȘ C. M., POPA G. N., IAGĂR A.	MODELING AND SIMULATION OF PROCESSES FROM AN IRON ORE SINTERING PLANT	PROCEEDINGS OF THE 7TH WSEAS INTERNATIONAL CONFERENCE ON SYSTEM SCIENCE AND SIMULATION IN ENGINEERING (ICOSSSE '08), VENETIA, ITALIA, PUBLISHED BY WSEAS PRESS	pp. 119- 124, 6 pag.	ISBN 978- 960- 474- 027-7, ISSN 1790- 2769	www.wseas.org/co nferences/2008/ve nice/icosse/
11	2008, 10	POPA G. N., VAIDA V., IAGĂR A., DINIȘ C. M.	SIMULATIONS AND MEASUREMENTS OF SOME PARAMETERS FROM PLATE-TYPE ELECTROSTATIC PRECIPITATORS WITH THREE SECTIONS	PROCEEDINGS OF THE 2ND WSEAS/IASME INTERNATIONAL CONFERENCE ON ENERGY PLANNING, ENERGY SAVING, ENVIRONMENTAL EDUCATION (EPESE '08), CORFU, GREECE, PUBLISHED BY WSEAS PRESS	pp. 106- 112, 6 pag.	ISBN 978- 960- 474- 016-1, ISSN 1790- 5095	www.wseas.org/co nferences/2008/co rfu/epese/
12	2008, 9	IAGĂR A., POPA G. N., ȘORA I.	STUDY ABOUT ELECTROMAGNETIC COMPATIBILITY OF THE LINE FREQUENCY CORELESS INDUCTION FURNANCES	PROCEEDINGS OF THE 8TH WSEAS INTERNATIONAL CONFERENCE ON POWER SYSTEMS (PS'08), SANTANDER, CANTABRIA, SPANIA, PUBLISHED BY WSEAS PRESS	pp. 95- 100, 6 pag.	ISBN 978- 960- 474- 006-2, ISSN 1790- 5117	www.wseas.org/co nferences/2008/sp ain/ps/
13	2008, 11	POPA G. N., POPA I., DINIȘ C. M., IAGĂR A.	RESISTIVE STEPPED TRANSDUCER USED FOR WATER LEVEL MEASUREMENT	PROCEEDINGS OF THE 1ST WSEAS INTERNATIONAL CONFERENCE ON SENSORS AND SIGNALS (SENSIG '08), BUCUREȘTI, ROMÂNIA, PUBLISHED BY WSEAS PRESS	pp. 66- 71, 6 pag.	978- 960- 474- 021-5	www.wseas.org/co nferences/2008/bu charest/sensig/

3. Articole/lucrări științifice publicate in reviste/volume indexate

Nr. crt.	An, luna	Autor(i)	Titlu articol /lucrare	Revista /volumul in care a fost publicat articolul /lucrarea	Nr. vol., pag., nr. pagini	ISSN	Site web revista	Baza de date in care este indexata revista	Link-ul la Baza de date in care este indexata revista
1	2010, 10	POPA G. N., DEACONU S., DINIȘ C.M. IAGAR A.	A CASE STUDY OF AN ANALOGICAL DISTANCE RELAY FOR THE 110KV ELECTRIC POWER LINES	WSEAS TRANSACTIONS ON SYSTEMS	Vol. 9, pp. 1063- 1072, 10 pag.	1109- 2777	www.worldscs. org/journals/sys tems	ACM, INSPEC, SCOPUS, COMPEN DEX	http://portal.acm.o rg

2	2009, 1	IAGĂR A., POPA G. N., DINIȘ C. M.	ASSESSMENT OF POWER QUALITY FOR LINE FREQUENCY CORELESS INDUCTION FURNACES	WSEAS TRANSACTIONS ON CIRCUITS AND SYSTEMS	Vol. 8, pp. 115- 124, 10 pag.	1109- 2734	www.worldses.org/journals/circuits	ACM, INSPEC, SCOPUS, COMPEN DEX	http://portal.acm.org
3	2009, 1	IAGĂR A., POPA G. N., ȘORA I.	ANALYSIS OF ELECTROMAGNETIC POLLUTION PRODUCED BY LINE FREQUENCY CORELESS INDUCTION FURNACES	WSEAS TRANSACTIONS ON SYSTEMS	Vol. 8, pp. 1-11, 11 pag.	1109- 2777	www.worldses.org/journals/systems	ACM, INSPEC, SCOPUS, COMPEN DEX	http://portal.acm.org
4	2009, 1	DINIȘ C. M., POPA G. N., IAGĂR A.	MATHEMATICAL MODELING AND SIMULATION IN MATLAB/SIMULINK OF PROCESSES FROM IRON ORE SINTERING PLANTS	WSEAS TRANSACTIONS ON SYSTEMS	Vol. 8, pp. 34- 43, 10 pag.	1109- 2777	www.worldses.org/journals/systems	ACM, INSPEC, SCOPUS, COMPEN DEX	http://portal.acm.org
5	2008, 8	POPA G. N., VAIDA V., IAGĂR A., DINIȘ C. M.	IMPROVEMENT OF TECHNOLOGICAL AND ELECTRIC PERFORMANCES FOR PLATE-TYPE ELECTROSTATIC PRECIPITATORS WITH THREE- SECTIONS	WSEAS TRANSACTIONS ON POWER SYSTEMS	Vol. 8, pp. 557- 566, 10 pag.	1790- 5060	www.worldses.org/journals/systems	ACM, INSPEC, SCOPUS, COMPEN DEX	http://portal.acm.org
6	2006	ȘORA I., IAGĂR A., RUSU N., RADU D., PĂNOIU C.	THE NUMERICAL SIMULATION AND CONTROL OF THE INDUCTION HEATING OF STEEL PIECES	REVUE ROUMAINE DES SCIENCES TECHNIQUES - SERIE ELECTROTECH NIQUE ET ENERGETIQUE	Tome 51, nr. 2, pp. 169- 182, 14 pag.	0035- 4066	http://revue.elth.pub.ro/	INSPEC	http://www.engineeringvillage2.org/controller/servlet/Controller
7	2005	ȘORA I., IAGĂR A., RUSU N., PĂNOIU C.	RESEARCH UPON MODELLING AND CONTROL OF THE INDUCTION HEATING ELECTRO- TECHNOLOGY	JOURNAL OF ELECTRICAL ENGINEERING, POLITEHNICA PUBLISHING HOUSE	Vol. 5, pp. 16- 24, 9 pag.	1582- 4594	www.jee.ro	INSPEC	http://www.engineeringvillage2.org/controller/servlet/Controller

4. Articole publicate in reviste fara cotaie ISI / neindexate

Nr. crt.	An, luna	Autor(i)	Titlu articol	Revista in care a fost publicat articolul	Nr. vol., pag., nr. pagini	ISSN	Site web revista	Clasificare CNCIS
1.	2010, 10	IAGAR A., DINIS C.M., POPA G.N., BACIU I.	SIMULATION OF SOME FAULTS IN THREE-PHASE ELECTRIC SYSTEMS USING THE PSCAD- EMTDC PROGRAM	ANNALS OF THE FACULTY OF ENGINEERING HUNEDOARA	TOME III, Fascicule 3, pp. 48-54, 7 pag.	1584- 2673	http://www.upet.ro/annals/	B ⁺

5. Lucrari publicate la conferinte internationale

Nr. crt.	An, luna	Autor(i)	Titlu lucrare	Conferinta internationala (nume, loc, perioada de desfasurare, vol.)	Pag., nr. pagini	ISBN	Site web conferinta
1	2010, 11	IAGAR A., POPA G. N.,	STUDY UPON THE THERMAL FIELD FROM A	INTERNATIONAL SYMPOSIUM on ADVANCED	CD edition	ISSN 1584 –	www.fih.upt.ro

		DINIŞ C. M.	RESISTANCE OVEN	ENGINEERING & APPLIED MANAGEMENT – 40th ANNIVERSARY in HIGHER EDUCATION (1970-2010), HUNEDOARA, 4-5 NOVEMBER 2010	pp. 231-238, 8 pag.	2673	
2	2010, 11	BACIU I., CUNȚAN C.D., DEACONU S., IAGĂR A.	THE STUDY OF QUALITY INDICATORS OF ELECTRICAL ENERGY IN ELECTRICAL RAILWAY TRANSPORT	INTERNATIONAL SYMPOSIUM on ADVANCED ENGINEERING & APPLIED MANAGEMENT – 40th ANNIVERSARY in HIGHER EDUCATION (1970-2010), HUNEDOARA, 4-5 NOVEMBER 2010	CD edition pp. 177-182, 6 pag	ISSN 1584 – 2673	www.fih.upt.ro
3	2010, 11	C.M. DINIŞ, IAGĂR A., CUNȚAN C.D., POPA G.N.	STUDY OF THE VOLTAGE RESONANCE IN ELECTRIC CIRCUITS	INTERNATIONAL SYMPOSIUM on ADVANCED ENGINEERING & APPLIED MANAGEMENT – 40th ANNIVERSARY in HIGHER EDUCATION (1970-2010), HUNEDOARA, 4-5 NOVEMBER 2010	CD edition pp. 137-144, 8 pag.	ISSN 1584 – 2673	www.fih.upt.ro
4	2009, 4	IAGĂR A., DINIŞ C. M., POPA G. N., BACIU I.	SIMULATION OF SOME FAULTS IN THREE-PHASE ELECTRIC SYSTEMS USING THE PSCAD-EMTDC PROGRAM	ISSIR 2009 – 10TH INTERNATIONAL SYMPOSIUM “INTERDISCIPLINARY REGIONAL RESEARCH”- ROMANIA-HUNGARY-SERBIA, HUNEDOARA, 23-24, APRILIE 2009, PROCEEDINGS CONFERINTA	CD edition, 8 pag.	ISSN 1584 – 2673	www.fih.upt.ro/np/cercetare/cercetare.html
5	2009, 4	DINIŞ C. M., CUNȚAN C. D., POPA G. N., IAGĂR A.	STUDY OF LOW-SIGNAL AMPLIFIERS WITH FIELD-EFFECT TRANSISTORS	ISSIR 2009 – 10TH INTERNATIONAL SYMPOSIUM “INTERDISCIPLINARY REGIONAL RESEARCH”- ROMANIA-HUNGARY-SERBIA, HUNEDOARA, 23-24, APRILIE 2009, PROCEEDINGS CONFERINTA	CD edition, 8 pag.	ISSN 1584 – 2673	www.fih.upt.ro/np/cercetare/cercetare.html
6	2009, 4	BACIU I., CUNȚAN C. D., IAGĂR A.	DETERMINATION OF THE CURRENT HARMONICS INTRODUCED IN THE GRID BY THE D.C.-SUPPLIED CONSUMERS	ISSIR 2009 – 10TH INTERNATIONAL SYMPOSIUM “INTERDISCIPLINARY REGIONAL RESEARCH”- ROMANIA-HUNGARY-SERBIA, HUNEDOARA, 23-24, APRILIE 2009, PROCEEDINGS CONFERINTA	CD edition, 4 pag.	ISSN 1584 – 2673	www.fih.upt.ro/np/cercetare/cercetare.html
7	2007, 10	IAGĂR A., ABRUDEAN C.	NUMERICAL COMPUTATION OF THE RESISTANCE FURNACES MASONRY	SIELMEN 2007, 6 TH INTERNATIONAL CONFERENCE ON ELECTROMECHANICAL AND POWER SYSTEMS, CHISINAU, REP. MOLDOVA, OCT. 4-6 2007, PROCEEDINGS CONFERINTA	Vol. II, nr. 31, pp. 408-411	ISSN 1842-4805	www.em.ucv.ro/sielmen
8	2007, 5	IAGĂR A., PĂNOIU C., DINIŞ C. M.	SIMULATION OF THE POWER CONTROL SYSTEM'S OPERATION AT INDUCTION FURNACES	DEMI 2007, 8 TH INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS IN ELECTRICAL, MECHANICAL AND INFORMATICS ENGINEERING, 25-26 MAY 2007, PROCEEDINGS CONFERINTA	pp. 669-674	978-99938-39-15-6	www.demi.rs.ba
9	2007, 5	DINIŞ C. M., IAGĂR A.,	SIMULATION OF THE ALTERNATIVE CURRENT	DEMI 2007, 8 TH INTERNATIONAL	pp. 675-680	978-99938-	www.demi.rs.ba

		ABRUDEAN C.	OPERATION OF CIRCUITS WITH MAGNETIC COUPLED COILS	CONFERENCE ON ACCOMPLISHMENTS IN ELECTRICAL, MECHANICAL AND INFORMATICE ENGINEERING, 25-26 MAY 2007, PROCEEDINGS CONFERINTA		39-15-6	
10	2005, 10	IAGĂR A., ABRUDEAN C.	OPTIMIZATION OF VOLUME INDUCTION HEATING PROCESS OF STEEL INGOTS	SIELMEN 2005, 5 TH INTERNATIONAL CONFERENCE ON ELECTROMECHANICAL AND POWER SYSTEMS, CHISINAU, REP. MOLDOVA, 6-8 OCT. 2005, VOL. II	pp. 929-932	973-716-208-0	www.sielmen.ee.tuia.si.ro
11	2005, 10	POPA G.N., POPA I., DEACONU S., DINIȘ C., IAGĂR A.	ELECTROSTATIC CHARGED OF DUST PARTICLES IN INDUSTRIAL PLATE-TYPE ELECTROSTATIC PRECIPITATORS	SIELMEN 2005, 5 TH INTERNATIONAL CONFERENCE ON ELECTROMECHANICAL AND POWER SYSTEMS, CHISINAU, REP. MOLDOVA, 6-8 OCT., VOL. II	pp. 764-766	973-716-208-0	www.sielmen.ee.tuia.si.ro
12	2005, 5	IAGĂR A., PĂNOIU C., ABRUDEAN C.	THE INFLUENCE OF THE CRUCIBLE INDUCTION FURNACES UPON THE POWER SUPPLY NETWORK	DEMI 2005, 7 TH INTERNATIONAL CONFERENCE ON ACCOMPLISHMENTS OF ELECTRICAL AND MECHANICAL INDUSTRIES, BANJALUKA, YUGOSLAVIA, 27-28 MAY 2005, PROCEEDINGS CONFERINTA	pp. 451-458	ISSN 99938-39-08-6	www.demi.rs.ba
13	2005, 4	IAGĂR A., ȘORA I., PĂNOIU C., ABRUDEAN C.	ELECTRO-MAGNETIC POLLUTION PRODUCED BY THE INDUSTRIAL FREQUENCY CRUCIBLE INDUCTION FURNACES IN THE POWER SUPPLY NETWORK	ISIRR 8, 8 TH INTERNATIONAL SYMPOSIUM INTERDISCIPLINARY REGIONAL RESEARCH, HUNGARY-ROMANIA-SERBIA AND MONTENEGRO, SZEGED, HUNGARY, 19-21 APRIL 2005, PROCEEDINGS CONFERINTA	CD edition, 8 pag	-	-

6. Proiecte de cercetare științifică internațională

Nr. crt.	Denumire proiect, nr. contract, tip proiect, director, parteneri (cu precizarea coordonatorului)	Perioad a de derulare	Echipa	Modul de finanțare	Rezultate și modalități de valorificare a cercetării		
					Valoare realizată		Nr. lucrări publicate, cărți și alte produse ale cercetării
					An universitar	RON	
1	CERCETĂRI PRIVIND POLUAREA ELECTROMAGNETICĂ PRODUSĂ DE CUPTOARELE DE INDUCȚIE CU CREUZET, DE FRECVENȚĂ INDUSTRIALĂ, ÎN REȚEAUA ELECTRICĂ DE ALIMENTARE; NR. CONTRACT : 55/27.07.2008 PROIECT FINANȚAT DE CATRE B.EN.A. – COSMOTEC; DIRECTOR: IAGĂR ANGELA; PARTENER: S.C. CILINDRUL S.A. CĂLAN	01.05. 2008 - 30.11. 2008	IAGĂR A., ȘORA I., DĂNCESCU I. HEPUȚ T., RUSU N., PĂNOIU C., PĂNOIU M., POPA G., MIHUȚ G., MIHUȚ I., ABRUDEAN C., BACIU I., GHIORGHIONI E., POP S.	Finanțare B.EN.A – COSMOTEC	2008	2100	- 2 lucrări publicate la conferințe internaționale cotate ISI Proceedings; - 2 lucrări publicate în reviste de specialitate din străinătate indexate în BDI
2	MEASURE OF THE ELECTROMAGNETIC POLLUTION LEVEL CAUSED BY MOBILE AND WIRELESS ELECTRONIC EQUIPMENTS	01.05. 2008 - 30.11. 2008	PĂNOIU M., PĂNOIU C., MUSCALAGIU I., ABRUDEAN C., OSACI M., IAGĂR	Finanțare B.EN.A – COSMOTEC	2008	2.600	-

	NR. CONTRACT : 56/27.07.2008 PROIECT FINANTAT DE CATRE B.EN.A. – COSMOTE; DIRECTOR: PĂNOIU MANUELA; PARTENER: B.EN.A – COSMOTE		A., IORRDAN A.				
3	STUDY ABOUT HARMONIC POLLUTION MITIGATION IN THE ELECTRIC POWER SUPPLY NETWORK CAUSED BY ELECTRICAL LOCOMOTIVE, NR. CONTRACT : 63/2007 PROIECT FINANTAT DE CATRE B.EN.A. – COSMOTE; DIRECTOR: PĂNOIU MANUELA; PARTENER: B.EN.A – COSMOTE	2007	PĂNOIU M., PĂNOIU C., BACIU I., POPA G., MUSCALAGIU I., ABRUDEAN C., OSACI M., IAGĂR A., ERBAN S.	Finanțare B.EN.A – COSMOTE	2007	3.200	2 Lucrări
4	STUDY ABOUT HARMONIC POLLUTION MITIGATION IN THE ELECTRIC POWER SUPPLY NETWORK AT ULTRA HIGH POWER ELECTRIC ARC FURNACES, NR. CONTRACT : 62/2007 PROIECT FINANTAT DE CATRE B.EN.A. – COSMOTE; DIRECTOR: PĂNOIU MANUELA; PARTENER: B.EN.A – COSMOTE	2007	PĂNOIU M., PĂNOIU C., HEPUȚ T., MUSCALAGIU I., ABRUDEAN C., OSACI M., IAGĂR A.	Finanțare B.EN.A – COSMOTE	2007	2.600	6 Lucrări

7. Proiecte de cercetare științifică naționale

Nr. crt.	Denumire proiect, nr. contract, tip proiect, director, parteneri (cu precizarea coordonatorului)	Perioada de derulare	Echipa	Modul de finanțare	Rezultate și modalități de valorificare a cercetării		
					Valoare realizată		Nr. lucrări publicate, cărți și alte produse ale cercetării
					An universitar	RON	
1	PREVENIREA SI COMBATerea POLUARII IN ZONELE INDUSTRIALE SIDERURGICE, ENERGETICE SI MINIERE PRIN RECICLAREA DESEURILOR MARUNTE SI PULVERULENTE, NR. CONTRACT 31-098 PROGRAMUL 4 "PARTENERIATE IN DOMENII PRIORITARE" 2007-2013, DIRECTOR HEPUȚ TEODOR COORDONATOR: UPT	2007-2010	HEPUȚ TEODOR, SOCALICI ANA, ARDELEAN ERIKA, ARDELEAN MARIUS, VÎLCEANU LUCIA, PINCABRETOTTEAN CAMELIA, JOSAN ANA, PUȚAN VASILE, PĂNOIU MANUELA, OSACI MIHAELA, PĂNOIU CAIUS, MUSCALA2GIU IONEL, ABRUDEAN CRISTIAN, POPA ERIKA, GAVĂNESCU ADRIAN, IAGĂR ANGELA	buget	2008 2007	235000 70000	1 lucrare
2	TEHNOLOGII AVANSATE DE CONDUCERE A PROCESELOR INDUSTRIALE DE CALIRE SUPERFICIALA A PIESELOR INCALZITE INDUCTIV, NR. CONTRACT 71-044 DIRECTOR PARTENER UPT HEPUȚ TEODOR COORDONATOR UPB	2007-2010	HEPUȚ TEODOR, SOCALICI ANA, ARDELEAN ERIKA, ARDELEAN MARIUS, VÎLCEANU LUCIA, PINCABRETOTTEAN CAMELIA, JOSAN ANA, PUȚAN VASILE, PĂNOIU MANUELA, OSACI MIHAELA, PĂNOIU CAIUS, MUSCALAGIU IONEL, ABRUDEAN CRISTIAN, PETRE DOINA, GAVĂNESCU ADRIAN, IAGĂR ANGELA, MIHUȚ CORNELIA	buget	2008 2007	43131 17150	2 lucrări