Fişa de verificare a îndeplinirii standardelor pentru susținerea tezei de abilitare (profesor)– Prof. dr. ing. fiz. Antoaneta Ene

Domeniul fundamental: Științe inginerești;
Comisia de specialitate CNATDCU: *INGINERIE INDUSTRIALĂ ŞI MANAGEMENT*

A1. Activitatea didactică şi profesională

Nr.	Referinţa bibliografică	Nr. pag.	Nr.aut.	Punctaj
	1.1. Cărți şi capitole în cărți de specialitate – minim 2 prim autor (1.1.1.2)			
	1.1.1. Cărți/capitole ca autor			
	1.1.1.1.Internaționale		**nr. pagini/ (5*nr. autori)**	
1	Harry Harmens, Gina Mills, Felicity Hayes, David Norris (Eds.), and the participants of the ICP Vegetation (151 autori incluzând Antoaneta ENE) Air Pollution and Vegetation-ICP Vegetation Annual Report 2010/2011; Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, UK, Editors: H. Harmens, G. Mills, F. Hayes, D. Norris, ISBN 978-1-906698-26-3, 41 pag, 2011. http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2010-11.pdf (H. Harmens, G. Mills, F. Hayes, D. Norris, J. M. Abaigar, J.R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, N. Akinshina, Y. Aleksiayenak, M. Ashmore, A. Azizov, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, R. Bermejo-Orduna, O. Bethenod, V. Blanke, O. Blum, S. Boltersdorf, F. Booker, K. Borowiak, S. Braun, G. Brumelis, P. Büker, K. Burkey, A. Carballeira Ocaña, V. Calatayud, E. Calvo, H. Cambridge, J.-F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S.E. Cozar, M. Dam, H. Danielsson, B. Davies, K. Eler, L. Emberson, E. Ermakova, A.Ene, M. Fagnano, A. Fangmeier, Z. Feng, J. A. Fernández Escribano, I.G. Fernández, E. Fiscus, L. Foan, M. Frontasyeva, A. Francini-Ferrante, J. Franzaring, M. Frolova, J. Fuhrer, I. Fumagalli, L. Galsomiès, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, L. Gonzalez Miqueo, E. Goumenaki, E. Green, L. Grünhage, J. Hall, E. Heyneke, R. T. Las Heras, M. Holland, K. Hoydal, J. M. Infante Olarte, J. J. Irigoyen, Z. Jeran, Y. Jolivet, L. Jones, S. Jovanovic, P. Kapusta, J. Karhu, G. P. Karlsson, P.-E. Karlsson, A. Klumpp, Y. Kohno, M. Krmar, G. Krüger, E. Kubin, K. Kvietkus, P. Lazo, S. Leblond, S. Liiv, A. Lucaciu, S. Madkour, S. Magnússon, F. Manes, B. Maňkovská, S. Manninen, A. de Marco, M. Mastrorilli, S. Miranova, R. Mocanu, C. Nali, O. Nikodemus, E. Núñez Olivera, Y. Pankratova, R. Pesch, J. Piispanen, H. Pleijel, J. Poikolainen, L. Postiglione, S. Power, J. Ramirez, G. Rana, D. Radnovich, A. Riss, A. Rühling, A. Ruttens, C. Saitanis, E. Salvatori, J. Santamaria, D. Saxena, A. Screpanti, W. Schröder, V. Silli, G. Soja, Z. Spiric, T. Stafilov, E. Steinnes, A. Sterkenburg, I. Suchara, J. Sucharová, G. Szarek-Łukaszewska, G. Tabors, L. De Temmerman, D. le Thiec, L. Thöni, B. Turk, V. Urumov, D. Valiulis, K. Vandermeiren, D. Velissariou, K. Vergel, M. Vitale, M. Volk, L. Yurukova, N. Waegeneers, H.-J. Weigel, W. Werner, S. Wilkinson, H. Zechmeister)	41	151	0.054
2	Harry Harmens, Gina Mills, Felicity Hayes, David Norris (Eds.), and the participants of the ICP Vegetation (166 autori incluzând Antoaneta ENE), Air Pollution and Vegetation-ICP Vegetation Annual Report 2011/2012; Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, UK, Editors: H. Harmens, G. Mills, F. Hayes, D. Norris, ISBN 978-1-906698-35-5, 50 pag., 2012, http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2011-12_Final_000.pdf (H. Harmens, G. Mills, F. Hayes, D. Norris, J. M. Abaigar, J.R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, N. Akinshina, Y. Aleksiayenak, M. Ashmore, A. Azizov, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, R. Bermejo-Orduna, J. Berner, O. Bethenod, V. Blanke, O. Blum, S. Boltersdorf, F. Booker, K. Borowiak, S. Braun, G. Brumelis, P. Büker, K. Burkey, A. Carballeira Ocaña, V. Calatayud, E. Calvo, N. Callaghan, H. Cambridge, J.-F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S.E. Cozar, M. Dam, H. Danielsson, B. Davies, K. Eler, L. Emberson, E. Ermakova, A.Ene, M. Fagnano, A. Fangmeier, S. Fares, Z. Feng, J. A. Fernández Escribano, I.G. Fernández, A. Finco, E. Fiscus, L. Foan, M. Frontasyeva, A. Francini-Ferrante, J. Franzaring, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomiès, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, L. Gonzalez Miqueo, E. Goumenaki, E. Green, L. Grünhage, J. Hall, E. Heyneke, R. T. Las Heras, M. Holland, K. Hoydal, J. M. Infante Olarte, J. J. Irigoyen, S. Izquieta, Z. Jeran, Y. Jolivet, L. Jones, S. Jovanovic, P. Kapusta, J. Karhu, G. P. Karlsson, P.-E. Karlsson, A. Klumpp, Y. Kohno, M. Krmar, G. Krüger, E. Kubin, K. Kvietkus, P. Lazo, S. Leblond, S. Liiv, A. Lucaciu, S. Madkour, S. Magnússon, L. Mahdhi, F. Manes, B. Maňkovská, S. Manninen, A. de Marco, R.	50	166	0.060

Nr.	Referinţa bibliografică	Nr. pag.	Nr.aut.	Punctaj
	Marzuoli, M. Mastrorilli, I. Melece, S. Miranova, M. Mircea, R. Mocanu, C. Nali, O. Nikodemus, E. Núñez Olivera, Y. Pankratova, R. Pesch, J. Piispanen, H. Pleijel, J. Poikolainen, L. Postiglione, S. Power, J. Ramirez, G. Rana, D. Radnovich, A. Repellin, G. Righini, A. Rühling, A. Ruttens, C. Saitanis, E. Salvatori, J. Santamaria, D. Saxena, W. Schröder, V. Silli, V. Simon, H.C. Sogo, G. Soja, Z. Spiric, T. Stafilov, E. Steinnes, A. Sterkenburg, I. Suchara, J. Sucharová, G. Szarek-Łukaszewska, G. Tabors, L. De Temmerman, D. le Thiec, L. Thöni, B. Turk, H. Uggerud, V. Urumov, D. Valiulis, K. Vandermeiren, D. Velissariou, K. Vergel, M. Vitale, M. Volk, L. Yurukova, N. Waegeneers, T. Walser, H.-J. Weigel, W. Werner, S. Wilkinson, H. Zechmeister)			
3	H. Harmens, D. Norris, G. Mills, and the participants of the moss survey (69 autori incluzând Antoaneta ENE) , HEAVY METALS AND NITROGEN IN MOSSES: SPATIAL PATTERNS IN 2010/2011 AND LONG-TERM TEMPORAL TRENDS IN EUROPE, Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Bangor, UK, Editor: H. Harmens, D. Norris, G. Mills, ISBN: 978-1-906698-38-6, 2013; 63 pp. (J. Aboal Viñas, R. Alber, Y. Aleksiayenak, K. Baceva, L. Barandovski, T. Berg, O. Blum, A. Carballeira Ocaña, A. Chilian, S.-M. Cucu-Man, O. A. Culicov, M. Dam, H. Danielsson, A. M. Dunaev, D. Elustondo, A. Ene, J. Á. Fernández Escribano, M. V. Frontasyeva, A. Gheboianu, B. Godzik, Z. I. Goryainova, A. Hanus, K. Hoydal, M. Infante Olarte, S. Izquieta, Z. Jeran, P. Kapusta, J. Karhu, E. Kubin, X. Laffray, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magnússon, B. Mankovska, J. Martínez-Abaigar, A. Maxhuni, E. Núñez-Olivera, J. G. Pihl Karlsson, J. Piispanen, J. Poikolainen, I. V. Popescu, F. Qarri, C. Radulescu, A. Riss, A. Ruttens, J. M. Santamaría, M. Skudnik, Z. Spiric, T. Stafilov, E. Steinnes, C. Stihi, I. Suchara, J. Sucharová, L. De Temmerman, H. Thelle Uggerud, L. Thöni, R. Todoran, R. Tomás-LasHeras, K. N. Vergel, I. V. Vikhrova, N. Waegeneers, L. Yurukova, H. G. Zechmeister, I. Zinicovscaia) http://icpvegetation.ceh.ac.uk/publications/documents/Finalmossreport2010-11forweb.pdf	63	69	0.183
4	Harmens, Harry; Mills, Gina; Hayes, Felicity; Norris, David (Eds.) and the participants of the ICP Vegetation (149 autori incluzând Antoaneta ENE). Air pollution and vegetation: ICP Vegetation annual report 2012/2013,); ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, UK, Editors: H. Harmens, G. Mills, F. Hayes, D. Norris, 42pp. ISBN: 978-1-906698-43-0. (J. R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, Y. Aleksiayenak, H.I. Amadou, L. Barandovski, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, J. Berner, O. Bethenod, O. Blum, S. Boltersdorf, K. Borowiak, S. Braun, P. Büker, K. Burkey, V. Calatayud, E. Calvo, H. Cambridge, A. Carballeira Ocaña, J. F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S.E. Cozar, S. M. Cucu-Man, O. A. Culicov, M. Dam, H. Danielsson, B. Davies, K. Eler, L. Emberson, A. M. Dunaev, A. Ene, S. Fares, Z. Feng, I.G. Fernández, J. Á. Fernández Escribano, A. Finco, L. Foan, M. V. Frontasyeva, M. Frolova, J. Fuhrer, I. Fumagalli, L. Galsomiès, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, E. Goumenaki, L. Grünhage, J. Hall, E. Hiltbrunner, K. Hoydal, M. Infante Olarte, S. Izquieta, Z. Jeran, L. Jones, P. Kapusta, J. Karhu, G. P. Karlsson, P. E. Karlsson, Y. Kohno, M. Krmar, G. Krüger, K. Kvietkus, E. Kubin, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Madkour, S. Magnússon, F. Manes, B. Maňkovská, J. Martínez-Abaigar, A. Maxhuni, S. Manninen, A. de Marco, R. Marzuoli, M. Mastrorilli, I. Melece, L.G. Miqueo, S. Miranova, E. Núñez-Olivera, E. Paoletti, R. Pesch, J. Piispanen, H. Pleijel, J. Poikolainen, I. V. Popescu, S. Power, F. Qarri, J. Ramirez, G. Rana, D. Radnovich, D.M. Reboucas, A. Repellin, A. Ruttens, C. Saitanis, E. Salvatori, J. Santamaría, D. Saxena, M. Schaub, M. Schlabach, S. Schönrock, W. Schröder, P. L. Sicard, V. Silli, V. Simon, M. Skudnik, H.C. Sogo, G. Soja, Z. Spiric, T. Stafilov, E. Steinnes, C. Stihi, I. Suchara, J. Sucharová, G. Szarek-Łukaszewska, L. De Temmerman, D. le Thiec, L. Thöni, R. Todoran, B. Turk, H. Uggerud, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N. Waegeneers, S. Wagg, W. Werner, S. Wilkinson, L. Yurukova, H. G. Zechmeister. http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2012-13Final.pdf	42	149	0.056
5	H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, J. R. Aboal, R. Alber, R. Alonso, Y. Aleksiayenak, L. Barandovski, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, O. Bethenod, O. Blum, S. Boltersdorf, K. Borowiak, S. Braun, A. Briolat, P. Büker, V. Calatayud, H. Cambridge, A. Carballeira Ocaña, J. F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S. M. Cucu-Man, O. A. Culicov, M. Dam, H. Danielsson, B. Davies, A.M. Dunaev, K. Eler, L. Emberson, A. Ene, S. Fares, I.G. Fernández, J. Á. Fernández Escribano, A. Finco, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomiès, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, L. Grünhage, J. Hall, K. Hoydal, M. Infante Olarte, S. Izquieta, Z. Jeran, L. Jones, P. Kapusta, J. Karhu, G. P. Karlsson, P. E. Karlsson, Y. Koroleva, M. Krmar, G. Krüger, K. Kvietkus, E. Kubin, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magnússon, F. Manes, S. Manninen, B. Maňkovská, J. Martínez-Abaigar, A. Maxhuni, A. de Marco, R. Marzuoli, M. Mastrorilli, I. Melece, M. Meyer, S. Miranova, C. Nali, S. Nickel, D. Norris, E. Núñez-Olivera, E. Paoletti, J. Piispanen, G. Pihl Karlson, H. Pleijel, J. Poikolainen, I. V. Popescu, F. Qarri, G. Rana, D. Radnovich, A. Repellin, A. Ruttens, C. Saitanis, E. Salvatori, J. Santamaría, M. Schaab, M. Schaub, M. Schlabach, W. Schröder, P. L. Sicard, V. Simon, M. Skudnik, H.C. Sogo, G. Soja, Z. Spiric, T. Stafilov, E. Steinnes, C. Stihi, I. Suchara, J. Sucharová, G. Szarek-Łukaszewska, L. De Temmerman, D. le Thiec, L. Thöni, R. Todoran, B. Turk, H. Uggerud, J. Urbaniak, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N. Waegeneers, W.	38	136	0.056

Nr.	Referinţa bibliografică	Nr. pag.	Nr.aut.	Punctaj
	Werner, L. Yurukova, H. G. Zechmeister: AIR POLLUTION AND VEGETATION: ICP VEGETATION ANNUAL REPORT 2013/2014. Edited by H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, 09/2014; ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK, Moss Survey Coordination Centre, Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Moscow, Russia. http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2013-14.pdf			
6	I.V.Popescu, Claudia Stihi, Antoaneta Ene, Simona Cucu-Man, Radu Todoran, Marina V. Frontasyeva, Otilia Culicov, Annex 1: Country reports-Romania; in: Harry Harmens and Gina Mills (Eds.), Air pollution: deposition to and impacts on vegetation in (South-)East Europe, Caucasus, Central Asia (EECCA/SEE) and South-East Asia, 2014, pp.63-64 http://icpvegetation.ceh.ac.uk/publications/documents/CEHOzoneReport2014_webhighres.pdf	2	7	0.057
			TOTAL 1.1.1.1	**0.467**
	1.1.1.2 Naţionale (Edituri recunoscute CNCSIS)		**nr. pagini/ (10*nr. autori)**	
1	Ene, A., 2005, Metode radiometrice de analiza multielementala, Editura Cartea Universitara, Bucuresti, 300 pagini, ISBN 973-731-153-1.	300	1	30
2	Ene, A., 2006, Tehnici radiometrice de analiza si control, Editura Fundatiei Universitare Dunarea de Jos, Galati, 345 pagini, ISBN (10) 973-627-308-3 si ISBN (13) 978-973-627-308-7.	345	1	34.5
3	Ene, A., Pantelica, A., 2011, Tehnici analitice atomice şi nucleare utilizate în monitorizarea mediului, Galati University Press, 100 pagini, ISBN 978-606-8348-17-9.	100	2	5
			TOTAL 1.1.1.2	**64.5**
	Criteriu minim 1.1.1.2: 2 cărți/**capitole ca prim autor** in Edituri recunoscute CNCSIS; Realizat: 3 cărți de specialitate, ca prim autor			
	1.1.2 Cărți ca editor			
	1.1.2.2. nationale editori		**nr. pagini/ (20*nr. Autori)**	
1	Mirela Praisler, Antoaneta Ene, Nicolae Tigau, Book of Abstracts - National Conference on Applied Physics, Galati, June 3-4, 2005, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 973-627-228-1, 38 pag.	38	3	0.633
2	Mirela Praisler, Antoaneta Ene, Nicolae Tigau, Mirela Voiculescu, Book of Abstracts - 2nd National Conference on Applied Physics, June 9-10th, 2006, Galati, Romania, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 973-627-311-3 si 973-627-311-7, 72 pag.	72	4	0.9
3	Antoaneta Ene, Nicolae Tigau, Emilian Danila, Gabriel Murariu, Book of Abstracts - Third National Conference on Applied Physics, June 15-16, 2007, Galati, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 978-973-627-376-6, 80 pag.,	80	4	1
4	Antoaneta Ene, Romana Drașovean, Nicolae Ţigău, Emilian Dănilă, Constantin Gheorghieş, Gabriel Murariu, Alexandrina Nat, Steluţa Gosav, Proceedings Supplement of the Third National Conference on Applied Physics, Annals of the „Dunarea de Jos" University of Galati, Fascicle II, Mathematics, Physics, Chemistry, Informatics, Year XXV (XXX) 2007, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 978-973-627-378-0, 300 pag. (WorldCat - OCLC Number:255024890).	300	8	1.875
5	Antoaneta Ene, Nicolae Tigau, Book of Abstracts - Fourth National Conference on Applied Physics – Galati, September 25-26, 2008, Galati University Press, ISBN 978-973-88847-5-2, 88 pag.	88	2	2.2
6	Antoaneta Ene, Lorena Deleanu, Carmen Gasparotti, Eugen Rusu, Book of Abstracts - International Conference Danube Black Sea 3E – Energy, Environment & Efficiency, Galati, September 18-21, 2013, Galati University Press, ISBN 978-973-88847-5-2, 102 pag.	102	4	1.275
7	Antoaneta Ene, Eugen Rusu, Silviu Măcuță, Carmen Gasparotti, Proceedings of the International Conference Danube Black Sea 3E – Energy, Environment & Efficiency, Galati, 18-21 Septembrie 2013, Analele Universitatii Dunarea de Jos Galati, Matematica, Fizica, Mecanica Teoretica, FASC. II, AN V(XXXVI)2013, vol.2, 346 pag	346	4	4.325
			TOTAL 1.1.2.2	**12.208**

Nr.	Referinţa bibliografică	Nr. pag.	Nr.aut.	Punctaj
	1.2. Manuale didactice/Lucrări didactice			
	1.2.1 Manuale didactice/monografii		**nr. pagini/ (20*nr. autori**	
1	Ene, A., 2003, Elemente de fizica pentru ingineri, Editura Fundatiei Universitare Dunarea de Jos, Galati, 435 pagini, ISBN 973-627-074-2.	435	1	21.75
2	Ene, A., 2000, Fizica – volumul I, Editura Fundatiei Universitare Dunarea de Jos, Galati, 256 pagini, ISBN 973-99424-9-0	256	1	12.8
3	Ene, A., 2002, Fizica – volumul II, Editura Fundatiei Universitare Dunarea de Jos, Galati, 252 pagini, ISBN 973-8352-73-8.	252	1	12.6
	Criteriu minim 1.2.1: 1 manual didactic ca prim autor Realizat: 3 manuale didactice, ca prim autor		**TOTAL 1.2.1.**	**47.15**
	1.2.2 Indrumare de laborator/aplicatii;		**nr. pagini/ (25*nr. autori)**	
1	Ene, A., 2003, Fizica pentru ingineri. Lucrari practice si probleme rezolvate, Editura Fundatiei Universitare Dunarea de Jos, Galati, 304 pagini, ISBN 973-627-060-2	304	**1**	12.16
2	Ene, A., Nat, A., 1999, Indrumar de laborator de fizica atomica si nucleara, Universitatea Dunarea de Jos, Galati, 154 pagini.	154	**2**	3.08
3	Ene, A., Picu, M., 1993, Probleme de fizica, Vol. IA - Mecanica fizica si acustica. Mecanica analitica, Universitatea Dunarea de Jos, Galati, 155 pagini.	155	**2**	3.10
4	Moraru, L., Ene, A., 1993, Probleme de fizica, Vol. IB – Fizica moleculara si caldura, Universitatea Dunarea de Jos, Galati, 152 pagini (pp.156-307)	152	**2**	3.04
5	Ene, A., Mitoseriu, L., 1997, Indrumar de lucrari practice de mecanica fizica si acustica, Universitatea Dunarea de Jos, Galati, 89 pagini.	89	**2**	1.78
6	Ene, A., 2001, Probleme de mecanica fizica si acustica, Editura Fundatiei Universitare Dunarea de Jos, Galati, 148 pagini, ISBN 973-8352-05-3.	148	**1**	5.92
7	Nat, A., Ene, A., 2001, Probleme de fizica atomica, Editura Fundatiei Universitare Dunarea de Jos, Galati, 159 pagini, ISBN 973-8139-65-1	159	**2**	3.18
8	Nat, A., Ene, A., 2005, Fizica atomica si nucleara. Culegere de probleme, Editura Cartea Universitara, Bucuresti, 354 pagini, ISBN 973-7956-12-5	354	**2**	7.08
9	Nat, A., Ene, A., 2002, Indrumar de laborator de fizica, Editura Cartea Universitara, Bucuresti, 116 pagini, ISBN 973-86042-0-6.	116	**2**	2.32
10	Nat, A., Ene, A., 2003/2004/2005/2006, Indrumar de laborator de fizica, Ediția II, II, IV, V revizuită și adăugită, Editura Cartea Universitara, Bucuresti, 131 pagini, ISBN 973-7956-42-7. Nr. pagini suplimentare 14: 117-131	14	**2**	0.28
			TOTAL 1.2.2.	**29.78**
	Criteriu minim 1.2.2: 2 indrumare ca prim autor Realizat: 5 indrumare ca prim autor			
	1.4 Dezvoltare de noi discipline (titular)			**10/disc.**
1	Metode radiometrice de analiză (licenta Chimie-Fizică şi Matematică-Fizică, an V);			**10**
2	Aparate şi metode de măsură, control şi analiză cu radiaţii; (Studii aprofundate)			**10**
3	Biofizică (licenta Ecologie şi protecţia mediului-FSIA);			**10**
4	Tehnici radiometrice de analiză si control (Master „Metode fizico-chimice de analiză şi control”);			**10**
5	Transportul şi difuzia poluanţilor (secţia Master „Monitorizarea şi managementul mediului”);			**10**
6	Poluare radioactivă (Master „Monitorizarea şi managementul mediului”);			**10**
7	Monitoring integrat de mediu (Ştiinţa Mediului).			**10**
8	Radioactivitatea mediului (Ştiinţa Mediului).			**10**
9	Tehnici de monitorizare a mediului (Master „Monitorizarea şi managementul mediului”);			**10**
			Total 1.4	**90**

Nr.	Referinţa bibliografică	Nr. pag.	Nr.aut.	Punctaj
	1.5 Proiecte educationale (Erasmus)		ani	10*ani desfasu-rare
	TECHNOLOGICAL EDUCATIONAL INSTITUTE (TEI) of KAVALA, GRECIA, bilateral agreement Erasmus 2010-2015		5	**50**
	Kahramanmaras Sutcu Imam Universitesi TR KAHRAMA01 2010-2014		4	**40**
			Total 1.4	**90**
	TOTAL criteriul A1: 3 cărți de specialitate, 3 manuale didactice si 5 indrumare ca prim autor; 334.105 p. (minim 130 puncte)		**Total A1**	**334.105**

A2. Activitatea de cercetare

2.1. Articole in Reviste cotate ISI Thomson Reuters si in volume indexate ISI Proceedings

(de la ultima promovare , februarie 2004)

Nr. publ. ISI (n)	Referinţa bibliografică a articolului în extenso în reviste cotate ISI Thomson Reuters	An	FI	Nr. autori	Punctaj
	Articole in reviste cotate ISI				**(30 + 10 * fact.impact) / (nr.autori)**
1.	Ene, A.*, Popescu, I.V., Badica, T., 2006, Determination of carbon in steels using particle-induced prompt gamma ray spectrometry, Journal of Optoelectronics and Advanced Materials 8(1), 222-224, ISSN 1454-4164.	2006	1.106	3	13.687
2.	Ghişă V., Popescu I. V., Belc M., Ene A., 2008, Study of some Roman brooches discovered at Tomis - Constanta by X-Ray Fluorescence technique, Rom. Journ. Phys. 53 (3-4), 557-562, ISSN 1221-146x.	2008	0	4	7.500
3.	G.Murariu, Antoaneta Ene, 2008, Discussions on a Non-Linear Fields' Equations System, Rom. Journ. Phys. 53 (5-6), 651-658, ISSN 1221-146x.	2008	0	2	15.000
4.	Ene, A.*, Popescu I. V., Ghisa V., 2009, Study of transfer efficiencies of minor elements during steelmaking by neutron activation technique, Romanian Reports in Physics 61(1), 165-171, ISSN 1221-1451.	2009	0.458	3	11.527
5.	Moraru L., Ene A., Murariu G., 2009, High-accuracy structure identification of the aluminium eutectic alloys using the colour metallography, Romanian Reports in Physics 61(4), 700-708, ISSN 1221-1451.	2009	0.458	3	11.527
6.	Ene, A.*, Pantelica, A, 2010, Study of transfer of minor elements during ironmaking by neutron activation analysis, Radiochimica Acta, 98 (1) , 53-57, ISSN 0033-8230	2010	1.128	2	20.640
7.	Ene, A.*, Popescu, I.V., Stihi C., Gheboianu A., Pantelica A., Petre C., 2010, PIXE analysis of multielemental samples, Rom. Journ. Phys., 55 (7-8), 806-814, ISSN 1221-146x	2010	0.34	6	5.567
8.	Ene, A.*, Bosneaga A., Georgescu L., 2010, Determination of heavy metals in soils using XRF technique, Rom. Journ. Phys., 55 (7-8), 815-820, ISSN 1221-146x	2010	0.34	3	11.133
9.	Stihi C., Radulescu C., Busuioc G., Popescu I. V., Gheboianu A., Ene A., 2011, Studies on accumulation of heavy metals from substrate to edible wild mushrooms, Rom. Journ. Phys. 56(1-2), 257–264, ISSN 1221-146x.	2011	0.414	6	5.690
10.	Ene, A.*, Pantelica A., Freitas M.C., Bosneaga A., 2011, EDXRF and INAA analysis of soils in the vicinity of a metallurgical plant, Rom. Journ. Phys. 56 (7-8), 993-1000, ISSN 1221-146x	2011	0.414	4	8.535
11.	Ene, A.*, Pantelica A., 2011, Characterization of metallurgical slags using low-level gamma-ray spectrometry and neutron activation analysis, Rom. Journ. Phys. 56 (7-8), 1011-1018.	2011	0.414	2	17.070
12.	Pantelica A., Ene A., Gugiu M., Ciortea C., Constantinescu O., 2011, PIXE analysis of some vegetal species, Rom. Rep. Phys. 63(4), 997-1008, ISSN 1221-1451.	2011	0.500	5	7.000

Nr. publ. ISI (n)	Referinţa bibliografică a articolului în extenso în reviste cotate ISI Thomson Reuters	An	FI	Nr. autori	Punctaj
13.	Bosneaga A., Georgescu L., Ene, A.*, 2011, Evaluation of soils pollution with heavy metals using xrf technique, Journal of Environmental Protection and Ecology 12(3A), 1247-1254; erată (ordine corectă autori): Ene, A.*, Bosneaga A., Georgescu L., Journal of Environmental Protection and Ecology 12(4A) (2011), 2393.	2011	0.102	3	10.340
14.	Ene, A.*, Bogdevich O., Sion A., Spanos T., 2012, Determination of polycyclic aromatic hydrocarbons by gas chromatography-mass spectrometry in soils from Southeastern Romania, Microchemical Journal, 100, 36-41, doi:10.1016/j.microc.2011.08.006.	2012	2.879	4	14.698
15.	Zubcov E., Zubcov N., Ene A., Biletchi L., 2012, Assessment of copper and zinc levels in fish from freshwater ecosystems of Moldova, Environmental Science and Pollution Research, 19(6), 2238-2247, doi: 10.1007/s11356-011-0728-5.	2012	2.618	4	14.045
16.	Pantelica A., Ene A., Georgescu I.I., 2012, Instrumental neutron activation analysis of some fish species from Danube River in Romania, Microchemical Journal, 103, 142-147, doi:10.1016/j.microc.2012.02.005.	2012	2.879	3	19.597
17.	Ene, A.*, Bogdevich O., Sion A., 2012, Levels of organochlorine pesticides (OCPs) and polycyclic aromatic hydrocarbons (PAHs) in topsoils from SE Romania, Science of the Total Environment, 439 (2012) 76–86, doi:10.1016/j.scitotenv.2012.09.004.	2012	3.258	3	20.860
18.	Pantelica A., Freitas M.C., Ene, A., Steinnes, E., 2013, Soil pollution with toxic trace elements in selected Romanian sites studied by instrumental neutron activation analysis, Radiochimica Acta, 101, 45-50, DOI DOI: 10.1524/ract.2013.1989	2013	1.411	4	11.028
19.	O.V. Ignatenko, V.A. Komar, S.V. Leonchik, N.A. Shempel, A. Ene, A. Cantaragiu, M.V. Frontasyeva, V.N. Shvetsov, 2013, Changes of nitrides characteristics in Li-N system synthesized at different pressures, Journal of Alloys and Compounds, 581, 23-27, DOI: 10.1016/j.jallcom.2013.06.173.	2013	2.726	8	7.158
20.	Thomas Spanos, Antoaneta Ene*, Irina B. Karadjova, Assessment of Toxic Elements Cu, Cr, Ni, Pb, Cd, Hg, Zn, As and Hexavalent Chromium in Sewage Sludge from Municipal Wastewater Treatment Plants by Combined Spectroscopic Techniques, Rom. Journ. Phys.60(1-2) (2015), 237-245, ISSN 1221-146x	2015	0.745	3	12.483
21.	Harry Harmens; David Norris; Katrina Sharps; Gina Mills; Renate Alber; Yulia Aleksiayenak; Oleg Blum; Simona Cucu-Man; Maria Dam; Ludwig De Temmerman; Antoaneta Ene; José Fernández; Javier Martinez-Abaigar; Marina Frontasyeva; Barbara Godzik; Zvonka Jeran; Pranvera Lazo; Sebastien Leblond; Siiri Liiv; Sigurdur Magnússon; Blanka Maňkovská; Gunilla Pihl Karlsson; Juha Piispanen; Jarmo Poikolainen; Jesus M. Santamaria; Mitja Skudnik; Zdravko Spiric; Trajce Stafilov; Eiliv Steinnes; Claudia Stihi; Ivan Suchara; Lotti Thöni; Radu Todoran; Lilyana Yurukova; Harald Zechmeister, Heavy metal and nitrogen concentrations in mosses are declining across Europe whilst some "hotspots" remain in 2010, Environmental Pollution 200(2015)93-104, DOI: 10.1016/j.envpol.2015.01.036	2015	3.910	35	1.974
22.	Spanos, T., Ene, A*, Simeonova, P., Chemometric expertise of the quality of groundwater sources for domestic use, Journal of Environmental Science and Health Part A, 50(11) (2015) pp.1099 - 1107. DOI:10.1080/10934529.2015.1047646	2015	1.140	3	13.800
23.	Thomas Spanos, Antoaneta Ene*, Christina Xatzixristou, Agelos Papaioannou: Assessment of Groundwater Quality and Hydrogeological Profile of Kavala Area, Northern Greece. Romanian Journal of Physics, 60(7-8)(2015), acceptata pentru publicare pe 2.02.2015 http://www.nipne.ro/rjp/2015_60_7-8.html	2015	0.745	4	9.363
	Total criteriu 2.1 Reviste				**270.219**
	Articole in volume indexate ISI Proceedings				**25/nr.de autori (Proceedings)**
24.	Ene, A., Popescu, I.V., Badica, T., 2007, Multi-elemental analysis of steel by combined nuclear techniques, BPU-6, AIP Conference Proceedings 899, p. 539, ISBN 978-0-7354-0404-5, Journal ISSN:0094243X	2007		3	8.333

Nr. publ. ISI (n)	Referinţa bibliografică a articolului în extenso în reviste cotate ISI Thomson Reuters	An	FI	Nr. autori	Punctaj
25.	Popescu, I.V., Ene, A., Stihi, C., Bancuta, A., Dima, G., Badica, T., Ghisa, V., 2007, Analytical applications of particle-induced X-ray emission (PIXE), BPU-6, AIP Conference Proceedings 899, p. 538, ISBN 978-0-7354-0404-5, Journal ISSN:0094243X	2007		7	3.571
	Total criteriu 2.1 Procedings				**11.905**
	Criteriu minim 2.1: Minim 8 articole din care 2 in reviste ISI Realizat 25 articole din care 23 in reviste ISI			**Total 2.1.**	**282.124**

	2.2.Articole în reviste ***şi volumele unor manifestări ştiinţifice indexate în baze de date*** internaţionale (de la ultima promovare) **15 p /nr.de autori**	Nr. aut	Punctaj
1.	Ene, A., Popescu, I.V., Badica, T., 2005, Determination of manganese in steels using proton-induced nuclear reactions, Romanian Journal of Physics, 50 (7-8), 679-684, ISSN 1221-146x. http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	3	5
2.	Ene, A., Popescu, I.V., Badica, T., 2005, Multielemental analysis of steels via atomic and nuclear methods, Romanian Journal of Physics, 50 (9-10), 963-969, ISSN 1221-146x. http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	3	5
3.	Ivanescu, L., Ivanescu, Al., Ene, A., 2006, Fuel economy at the heat treatment furnaces of steel cast pieces, Analele Universitatii Dunarea de Jos din Galati, Fascicula IX, Metalurgie si Stiinta materialelor, anul XXIV(XXIX), nr. 1,74-80, ISSN 1453-083x. http://scholar.google.ro/scholar?start=40&q=Ene+Ivanescu&hl=ro&as_sdt=0,5	3	5
4.	Ene, A., Popescu, I.V., Badica, T., 2006, Determination of light elements in steel using particle-induced prompt gamma ray emission, Romanian Journal of Physics, 51 (5-6), 589-594, ISSN 1221-146x. http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	3	5
5.	Ene, A., Popescu, I.V., Badica, T., Besliu, C., 2006, Comparative study of PIGE, PIXE and NAA analytical techniques for the determination of minor elements in steels, Romanian Journal of Physics, 51 (5-6), 595-602, ISSN 1221-146x http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	4	3.75
6.	Claudia Stihi, Ion V. Popescu, Anca Gheboianu, Marina Frontasyeva, Antoaneta Ene, Gabriel Dima, Oana Bute, Valerica Cimpoca, Valentin Stihi, Calin Oros, Sergiu Dinu, Marilena Voicu, Mineral content of native vegetables obtained by energy dispersive X- ray fluorescence spectrometry, Journal of Science and Arts, year 8 No. 2(9) – 2008, ISSN 1844 – 9581, p. 331-334. http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	12	1.25
7.	Antoaneta Ene, Ion V. Popescu, Mariana Bahrim, Claudia Stihi, Anca Gheboianu, Neutron activation method applied in the study of transfer efficiencies of minor elements during steelmaking, Journal of Science and Arts, Anul 8 Nr. 1(8), 2008, p. 179-182, ISSN 1844-9581. http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	5	3
8.	Antoaneta Ene, Ion V. Popescu, Claudia Stihi, Applications of proton-induced X-ray emission technique in materials and environmental science, Ovidius University Annals of Chemistry, Volume 20, Number 1, pp. 35-39, 2009, http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	3	5
9.	Antoaneta Ene, Ana Pantelica, Neutron activation analysis of deoxidized steels, Ovidius University Annals of Chemistry, Volume 20, Number 1, pp. 31-35, 2009 http://scholar.google.ro/scholar?start=10&q=Ene+Pantelica&hl=ro&as_sdt=0,5	2	7.5
10.	Elena Zubcov, Laurentia Ungureanu, Antoaneta Ene, Natalia Zubcov, Nina Bagrin, Natalia Borodin, Liubovi Lebedenco, Lucia Biletchi, Assessment of chemical compositions of water and ecological situation in Dniester river, Journal of Sciences and Arts, Year 10, No. 1 (12), pp. 47-52, 2010. http://scholar.google.ro/scholar?start=0&q=Ene+Zubcov+fish&hl=ro&as_sdt=0,5	8	1.875
11.	Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Nina Bagrin, Lucia Biletchi, The dynamics of trace elements in Dniester river ecosystems, Journal of Sciences and Arts, Year 10, No. 2 (13), pp. 281-286, 2010. http://scholar.google.ro/scholar?start=0&q=Ene+Zubcov+fish&hl=ro&as_sdt=0,5	5	3
12.	Antoaneta Ene, Ion V. Popescu, Claudia Stihi, Anca Gheboianu, Cristiana Radulescu, Nicolae Tigau, Steluta Gosav, Assessment of river water quality in Central and Eastern parts of Romania using atomic and optical methods, Journal of Sciences and Arts, Year 10, No. 1 (12), pp. 113-118, 2010. http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	7	2.143
13.	Antoaneta Ene, Alina Bosneaga, Inter-element relationships for soils around a ferrous metallurgical plant, Journal of Sciences and Arts, Year 10, No. 2 (13), pp. 293-298, 2010 http://scholar.google.ro/scholar?q=Ene+Bosneaga&btnG=Submit&hl=ro&as_sdt=0%2C5	2	7.5

14.	Sion (Bosneaga) A., Ene A., Georgescu L., Heavy Metals in Soils Near an Industrial Plant in Galati, Romania: Implications for the Population Health Risk, Journal of Sciences and Arts, 2011, Year 11, 3(16), p. 299-302. http://scholar.google.ro/scholar?q=Ene+Bosneaga+Sion+Georgescu&btnG=Submit&hl=ro&as_sdt=0%2C5	3	5
15.	I.V. Popescu, A. Ene, C. Stihi, A. Gheboianu, T. Badica, PIXE applications in elemental analysis of biological and metallurgical samples, The Annals of Valahia University - Science section, VOL 17. 2007, P. 7-12, ISSN 1584-5567. http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	5	3
16.	Nat, A., Ene, A., Analiza aurului din nisipuri aluvionare prin activare cu neutroni rapizi, Buletinul AGIR Anul III(3) 2008, ISSN 1224-7928, p. 37-40. http://scholar.google.ro/scholar?q=Ene+Buletinul+AGIR&btnG=Submit&hl=ro&as_sdt=0%2C5	2	7.5
17.	Ene, A., Analiza elementelor minore in oteluri prin metode atomice si nucleare, Buletinul AGIR Anul III(3) 2008, ISSN 1224-7928, p. 31-36. http://scholar.google.ro/scholar?q=Ene+Buletinul+AGIR&btnG=Submit&hl=ro&as_sdt=0%2C5	1	15
18.	Antoaneta Ene, Claudia Stihi, I.V. Popescu, Anca Gheboianu, Alina Bosneaga, I. Bancuta, 2009, Comparative studies on heavy metal content of soils using AAS and EDXRF atomic spectrometric techniques, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 51-54. http://scholar.google.ro/scholar?q=Ene+Stihi+Popescu&btnG=Submit&hl=ro&as_sdt=0%2C5	6	2.5
19.	Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Lucia Biletchi, Copper and zinc in fish from Prut River, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p.63-67. http://scholar.google.ro/scholar?start=0&q=Ene+Zubcov+fish&hl=ro&as_sdt=0,5	4	3.75
20.	Ene A., Stihi C., Popescu I.V., Bosneaga A., Radulescu, C., Gheboianu A., XRF-AAS analysis of heavy metals in soils around of a ferrous metallurgical plant in Eastern part of Romania, 18th INTERNATIONAL SEMINAR on Interaction of Neutrons with Nuclei: "Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics" ISINN-18, Dubna, Russia, May 26-29, 2010, Poster presentation, 28.05., Abstracts of the Seminar, ISBN 978-5-9530-0247-9, p. 23; Proceedings of the seminar, p. 360-366, JINR 2011, ISBN 978-5-9530-0277-6. http://scholar.google.ro/scholar?q=Ene+Stihi+XRF-AAS&btnG=Submit&hl=ro&as_sdt=0%2C5	6	2.5
21.	Antoaneta Ene, Thomas Spanos, Study of distribution and sources of polycyclic aromatic hydrocarbons (PAHs) in topsoils from SE Romania using multivariate statistical analysis, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR IV (XXXV) 2012, Nos. 1-2, p.15-21. http://scholar.google.ro/scholar?q=Ene+Spanos&btnG=Submit&hl=ro&as_sdt=0%2C5	2	7.5
22.	Zubcov Natalia, Elena Zubcov, Lucia Biletchi, Antoaneta Ene, The accumulation and the influence of trace elements on growth an development of fish during early ontogenesis, International Conference of Zoologists „Actual problems of protection and sustainable use of animal world diversity", (dedicated to the 50th anniversary from the foundation of Institute of Zoology of ASM), Institute of Zoology of the Academy of Sciences of Moldova, Chisinau, 12-14 October 2011, Proceedings of the Conference, ISBN 978-9975-4248-2-0, p. 200-201. http://scholar.google.ro/scholar?q=Zubcov+Ene+The+accumulation+and+the+influence+of+trace+elements+on+growth+and+development+of+fish+&btnG=Submit&hl=ro&as_sdt=0%2C5 http://www.eco-tiras.org/books/Zool-conf-2011-Proc-Chisinau.pdf	4	3.75
23.	Antoaneta Ene, Constantin Gheorghies, Marina V. Frontasyeva, X-ray based techniques used in materials analysis and control, The 17th International conference NEW TECHNOLOGIES AND PRODUCTS IN MACHINE MANUFACTURING TECHNOLOGIES - Tehnomus XVII, 17-18 mai 2013, Suceava, Romania, Tehnomus Journal, p. 193-196. http://scholar.google.ro/scholar?start=10&q=Ene+Frontasyeva&hl=ro&as_sdt=0,5	3	5
24.	Antoaneta Ene, Marina V. Frontasyeva, Applications of neutron activation analysis technique in element determination at trace level, The 17th International conference NEW TECHNOLOGIES AND PRODUCTS IN MACHINE MANUFACTURING TECHNOLOGIES - Tehnomus XVII, 17-18 mai 2013, Suceava, Romania, Tehnomus Journal, p. 165-171. http://scholar.google.ro/scholar?start=10&q=Ene+Frontasyeva&hl=ro&as_sdt=0,5	2	7.5
25.	Ene A., (Bosneaga) Sion A., Georgescu L., Bogdevich O., Monitoring Techniques for Inorganic and Organic Pollutants in Soils Around an Integrated Iron and Steel Plant, The Annals of Dunarea de Jos University of Galati, Metallurgy and Materials Science, Year XXIX (XXXIV), 4 (2011),p. 21-24 ISSN 1453-083X http://scholar.google.ro/scholar?q=Ene+Bosneaga+Sion+Georgescu&btnG=Submit&hl=ro&as_sdt=0%2C5	4	3.75
26.	L Nistor, A Ene, R Drasovean – 2006, On the possibility of using the slags from iron and steel industry in road construction from the point of view of their physical-mechanical properties, The Annals of the University Dunarea de Jos of Galati, Fascicle II, Supplement A, year XXIV (XXIX), 92-97, ISSN 1221-4531 https://scholar.google.ro/scholar?start=30&q=Antoaneta+Ene&hl=en&as_sdt=0,5	3	5

	Total 2.2.	126.768
Criteriu minim 2.2: Minim 8 articole BDI Realizat 26 articole		

	2.5 Granturi/proiecte castigate prin competitie **2.5.1 Director/ Responsabil - Minim 2D sau 4R*** pentru Profesor**		**20* val/ (10 mii euro *nr ani)**		
	2.5.1.1 internationale				
	Director	Nr. ani	Val. UDJG (Valuta)	Valoare UDJG (euro)	Pct.
1	Grant EU MIS ETC code 1676 "Cross-border interdisciplinary cooperation for the prevention of natural disasters and mitigation of environmental pollution in Lower Danube Euroregion" , Grant Contract 92370/11.12.2013, Romania-Ukraine-Republic of Moldova Joint Operational Programme, Priority 2 – Environment and emergency preparedness (perioada 22 luni, 19.12.2013-18.10.2015) Project Manager: Ene Antoaneta valoare totală contractată 1.695.782,80 EUR (UDJG – 572546,83 EURO).	1,83	572546.83 EURO	572546.83	625.73
2	RESEARCH PROJECT 2010 JINR-Romania no. 22, Nuclear and related analytical techniques for environmental and life sciences, JINR Theme No. 03-4-1036-2001/2010, Order IUCN no. 57/08.02.2010/Project No.10, Nuclear Physics with Neutrons-Fundamental and Applied Investigations, Protocol No.3869-4-08/10, Leaders from Romania: Popescu Ion V., Ene Antoaneta, Cucu-Man Simona, Todoran Radu ; valoare totală contractată 20000 USD (7500+12500 USD-RO). UDJG 2000 USD	1	2000 USD	1509.727	3.02
3	RESEARCH PROJECT 2012 JINR-Romania no. 51, Crystallization processes and characteristics of cubic boron nitride studied by nuclear and related analytical and imaging techniques, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4113-4-11/13, Order IUCN no. 82/06.02.2012, Director from Romania: Ene Antoaneta. valoare totală contractată 4000 USD (3000+1000 USD).	1	1000 USD	778.3214	1.56
4	RESEARCH PROJECT 2013 JINR-Romania no. 61, Nitrides characteristics in B-N and Li-N systems studied by nuclear and related analytical and imaging techniques, Order IUCN 82/18.02.2013 & Order IUCN 81/18.02.2013, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4113-4-11/13, Director from Romania: Ene Antoaneta. Val. Tot. 6000 USD (3000+3000 USD).	1	3000 USD	2259.267	4.52
5	RESEARCH PROJECT 2014 JINR-Romania no. 78, Characterization of crystalline diamonds, boron and lithium nitrides using nuclear and related analytical techniques and imaging microscopy, JINR Theme no. 03-4-1104-2011/2016, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4321-4-14/16, Director from Romania: Ene Antoaneta. valoare totală contractată 5000 USD (3000+2000 USD)	1	2000 USD	1507.087	3.01
6	RESEARCH PROJECT 2015 JINR-Romania no. 84, Investigation of crystalline materials (diamonds, boron and lithium nitrides) using atomic and nuclear analytical techniques and imaging microscopy JINR Theme no. 03-4-1104-2011/2016, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4321-4-14/16, Director from Romania: Ene Antoaneta. valoare totală contractată 4000 USD (3000+1000 USD).	1	1000 USD	897.7349	1.80
	Total 2.5.1.1.				**639.64**
	2.5.1.1 nationale – Responsabil partener in consortiu				
1	Proiect complex nr. 72-172/2008, PNCDI-2 – parteneriate, 2008-2011; directia de cercetare 7, Tehnici de inalta precizie si sensibilitate aplicate in retele de biomonitorizare a poluarii mediului cu factori poluanti din zonele de dezvoltare de sud, sud-est si centrala ale Romaniei (TIPSARMER); responsabil Partener 1 (UDJG) : Ene Antoaneta. valoare totală contractată 2.000.000 RON (UDJG - 300.000 RON); val. finala UDJG:138359,11 RON.	3	138359.11 RON	37570.02	12.52
	Total 2.5.1.2.				**12.52**

	2.5.1 Realizat: Director / Responsabil - 6D și 1R + 4D Co-director proiecte internationale cu contabilitatea in alte institutii (minim 2D sau 4R)				
	2.5.2.1. Membru proiecte Internationale (co-director)- proiecte cu contabilitatea in alte institutii	ani			**punctaj**
1	RESEARCH PROJECT 2011 JINR-Romania no. 43, Nuclear and related analytical techniques for environmental and life sciences, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Leaders from Romania: Popescu Ion (Project Director, Valahia University of Targoviste), Ene Antoaneta (Co-director, UDJ Galati), Cucu-Man Simona (Co-director, UAIC Iasi), Todoran Radu (Co-director, Univ. Baia Mare), valoare totală contractată 4000 USD (2000+2000 USD).	1			**4**
2	RESEARCH PROJECT 2012 JINR-Romania no. 66, Nuclear and related techniques for environmental and life sciences, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4080-4-2011-2013, Leaders from Romania: Popescu Ion (Project Director, Valahia University of Targoviste), Ene Antoaneta (Co-director, UDJ Galati), Cucu-Man Simona (Co-director, UAIC Iasi), Todoran Radu (Co-director, Univ. Baia Mare). valoare totală contractată 10500 USD (7500+3000 USD).	1			**4**
3	RESEARCH PROJECT 2013 JINR-Romania no. 72, Nuclear and related analytical techniques for the environmental and life sciences, Order IUCN 82/18.02.2013 & Order IUCN 81/18.02.2013, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4080-4-2011-2013, Leaders from Romania: Popescu Ion (Project Director, Valahia University of Targoviste), Stihi Claudia (Co-director, Valahia University of Targoviste), Cristiana Radulescu (Co-director, Valahia University of Targoviste), Ene Antoaneta (Co-director, UDJ Galati), Cucu-Man Simona (Co-director, UAIC Iasi). valoare totală contractată 6000 USD (4000+2000 USD).	1			**4**
4	RESEARCH PROJECT 2015 JINR-Romania no. 87, Nuclear and related analytical techniques applied for air pollution and vegetation with heavy metals, nitrogen, and radionuclides,, **Leaders from Romania**:I.V.Popescu, C. Stihi, **Ene A,** S. Cucu-Man, R. Todoran) valoare totală contractată 6000 USD (3000+3000 USD).	1			**4**
	Total 2.5.2.1.				**16**
	2.5.2.2. Membru proiecte nationale				
1	Contract de cercetare-dezvoltare nr. 165/1993, Beneficiar Combinatul Siderurgic SIDEX S.A. Galati, Studiu privind posibilitatile de determinare a continutului de elemente prin metode nucleare la carbuni, cocs metalurgic, minereuri de fier, pelete, feroaliaje, prafuri de turnare si mase refractare utilizate in procesele metalurgice, Director: Prof. dr. Călin Beşliu, Facultatea de Fizică, Universitatea Bucureşti; membru în echipa de cercetare.	2			**4**
2	Contract de cercetare-dezvoltare nr. 0810.60/1995, Beneficiar Combinatul Siderurgic SIDEX S.A. Galati, Corelarea rezultatelor obtinute cu metode nucleare asupra structurii de microelemente in fluxul tehnologic minereu-aglomerat-fonta-oteluri cu proprietatile mecanice si de fiabilitate a produselor finite, Beneficiar Combinatul Siderurgic SIDEX S.A. Galati, Director: Prof. dr. Călin Beşliu, Facultatea de Fizică, Universitatea Bucureşti membru în echipa de cercetare.	2			**4**
3	Contract de cercetare stiintifica nr. 141/1997, Beneficiar Combinatul Siderurgic SIDEX S.A. Galati, Cercetari privind influenta potentialului chimic si termic al fontei lichide asupra desfasurarii procesului de elaborare in convertizor LD si a calitatii otelului elaborat, Director: Prof.dr. Ivănescu Alexandru, Facultatea de Metalurgie UDJG; membru în echipa de cercetare	1			**2**

4	Proiect complex nr. 81-009/2007, PNCDI-2 – parteneriate 2007-2010; directia de cercetare 8 - Spaţiu şi securitate, Straturi frontieră şi structuri de sarcină în plasmele circumplanetare (SAFIR); http://iss30.nipne.ro/SAFIR/listaSAFIR.html; membru Partener 1 (UDJG).	3			**6**
5	Contract de cercetare-dezvoltare cu agenţi economici - Contract de cercetare nr.529/2008, beneficiar MENAROM PEC SA Galati, Modernizarea cuptoarelor de încălzire (forjă) în vederea reducerii consumului de gaz metan şi a optimizării procesului tehnologic la acest sector, Director: Prof.dr. Ivănescu Alexandru, Facultatea de Metalurgie UDJG; membru în echipa de cercetare.	1			**2**
6	PROJECT TERSID (517361-TEMPUS-1-2011-1-IT-TEMPUS-JPHES) 2011-2014„Technical Education on Resource Savings for Industrial Development / Educatie tehnica privind economisirea resurselor pentru dezvoltare industriala", Director UDJG : Prof.dr. Mirela Praisler, membru în echipa de cercetare - Ene Antoaneta	3			**6**
	Total 2.5.2.2.				**24**
	2.6 Coordonare/ dezvoltare laborator/ centru cercetare (daca este si didactic, punctajul se cuantifica o singura data)				
1	Sef de laborator Spectroscopie atomica si nucleara din cadrul Centrului de cercetare institutionalizat: „ANALIZE FIZICO-CHIMICE, MORFO-FUNCŢIONALE ŞI CHEMOMETRIE", UDJG				40
2	Director retea interdisciplinara INPOLDE create in cadrul proiectului RO-UA-MD MIS ETC 1676 Cross-border interdisciplinary cooperation for the prevention of natural disasters and mitigation of environmental pollution in Lower Danube Euroregion				40
	Total 2.6.				**80**
	Total Activitatea de cercetare (A2): 1181.052 p. **Minim cerut A2: 230 puncte**			**TOTAL A2**	**1181.052**

A3. Recunoasterea si impactul activitatii

3.1 Citări in reviste ISI si BDI (10/nr. autori articol citat in reviste ISI, 5/nr. autori articol citat in reviste BDI)

Notaţie: ISI - Web of Science : WoS

Nr. publ. k	Referinţa bibliografică a publicaţiei k care citează lucrarea i a candidatului		Pct.
Nat, A., Ene, A.*, Lupu, R., 2004, Rapid determination of gold in Romanian auriferous alluvial sands, concentrates and rocks by 14 MeV NAA, Journal of Radioanalytical and Nuclear Chemistry 261(1), 179 – 188			
1	Volkan N. Bulut, Celal Duran, Zekeriya Biyiklioglu, Mehmet Tufekci and Mustafa Soylak, Spectrophotometric Determination of Gold (III) after Liquid–Liquid Extraction and Selective Pre-concentration with a Novel Dibenzo-18-Crown-6 Derivative, Geostandards and Geoanalytical Research Volume 35, Issue 4, pages 471–483, 2011	WoS	10/3
2	Krystyna Pyrzynska, Recent developments in the determination of gold by atomic spectrometry techniques, Spectrochimica Acta Part B 60 (2005) 1316 – 1322.	WoS	10/3
3	Mohammadi SZ, Seifollahi N, Afzali D., Separation and preconcentration trace amounts of gold by using modified organo nanoclay closite 15A, QUIMICA NOVA, Volume: 33 Issue: 7 Pages: 1496-1499, 2010	WoS	10/3
4	Dobrowolski, R., Kuryło, M., Otto, M., Mróz, A., Determination of gold in geological materials by carbon slurry sampling graphite furnace atomic absorption spectrometry, Talanta, volume 99,2012, pp. 750 - 757	WoS	10/3
5	Ion V. Popescu, Marina Frontasyeva, Claudia Stihi, Gh. V. Cimpoca, Cristiana Radulescu, Anca Gheboianu, Calin Oros, Gh.Vlaicu, Marian Petre, Iulian Bancuta, Ioana Dulama, Nuclear And Nuclear Related Analytical Methods Applied In Environmental Research, Rom. Journ. Phys., Vol. 55, Nos. 7–8, P. 821–829, 2010	WoS	10/3
6	R Soomro, MJ Ahmed, N Memon, H. Khan , A simple and selective spectrophotometric method for the determination of trace gold in real, environmental, biological, geological and soil samples using bis (Salicylaldehyde) Orthophenylenediamine, Anal Chem Insights. 2008; 3: 75–90.	Scopus Google Scholar	5/3
		total	18.33

Nr. publ. k	Referinţa bibliografică a publicaţiei k care citează lucrarea i a candidatului		Pct.
Popescu, I., Badica, T., Olariu, A., Besliu, C., Ene, A., Ivanescu, Al., 1996, Multielemental analysis of metallurgical samples by thermal neutron activation, Journal of Radioanalytical and Nuclear Chemistry, Letters 213(5), 369–376			
1	Tomura K, Tomuro H., Determination of trace manganese in high-purity iron by instrumental neutron activation analysis using a thermal column, Journal of Radioanalytical and Nuclear Chemistry 242 (1): 147-153, 1999	WoS	10/6
2	E. G. Moreira, M. B. A. Vasconcellos, M. Saiki, Instrumental neutron activation analysis applied to the determination of the chemical composition of metallic materials with study of interferences, Journal of Radioanalytical and Nuclear Chemistry, Vol. 264, No. 1 (2005) 45–50	WoS	10/6
3	Campanella L, Crescentini G, Avino P, Moauro A., Determination of macrominerals and trace elements in the alga Spirulina platensis, Analusis 26 (5): 210-214, 1998	WoS	10/6
4	Determination of trace elements in metallic materials by neutron activation analysis B Grassi, GM La Vecchia, S Manera, A Salvini and A Zenoni - Journal of Physics: Conference Series 41 (2006) 288–295, doi:10.1088/1742-6596/41/1/031, EPS Euroconference XIX Nuclear Physics Divisional Conference	Scopus	5/6
5	NF Soliman, Investigation of an Egyptian Alabaster ore by Measuring its Natural Radioactivity and by NAA using K0 Standardization and comparator Methods, Journal of Nuclear and Radiation Physics, Vol. 1, No. 1, 2006, pp. 31-40	Google Scholar	5/6
		total	6.66
Ene, A.*, Badica, T., Olariu, A., Popescu, I.V., Besliu, C., 2001, Coincidence method for the analysis of minor elements in steel by deuteron-induced prompt γ-ray spectrometry (d-PIGE), Nuclear Instruments & Methods in Physics Research, Section B-Beam interactions with materials and atoms, B 179, 126 – 132			
1	Sziki GA, Simon A, Szikszai Z, Kertesz Zs., Dobos E., Gamma ray production cross-sections of deuteron induced nuclear reactions for light element analysis, Nuclear Instruments & Methods in Physics Research, Section B-Beam interactions with materials and atoms B 251 (2): 343-351, OCT 2006	WoS	10/5
2	Yasuda, K., Ishigami, R., Sasase, M., Ito, Y., Depth profiling of carbon in silicon using the 12C(p,p'γ) reaction, Nuclear Instruments & Methods in Physics Research, Section B-Beam interactions with materials and atoms, B266 (8), p.1416-1420, Apr 2008	WoS	10/5
		total	4
Lupu, R., Nat, A., Ene, A.*, 2004, Determination of gold in Romanian auriferous alluvial sands and rocks by 14 MeV neutron activation analysis, Nuclear Instruments & Methods in Physics Research, Section B-Beam interactions with materials and atoms,B217,123–135			
1	Rey-Ronco MA, Alonso-Sanchez T, Castro-Garcia MP, Production of N-16 and obtaining of its gamma spectrum in order to calibrate detectors or determination of fluorine in geological specimens, Nuclear Instruments & Methods in Physics Research, Section B-Beam interactions with materials and atoms, B 268 (17-18),2010,Pages: 2766-2772	WoS	10/3
2	Mahpishanian S, Shemirani F., Ionic liquid-based modified cold-induced aggregation microextraction (M-CIAME) as a novel solvent extraction method for determination of gold in saline solutions, MINERALS ENGINEERING Vol. 23 Issue: 10 Pages: 823-825, Published: SEP 2010	WoS	10/3
3	Dana Pop, Corina Ionescu, Ferenc Forray, Călin Gabriel Tămaş and Marcel Benea, "Transylvanian gold" of hydrothermal origin: an EMPA study in an archaeological provenancing perspective, European Journal of Mineralogy , 2011, vol. 23 no. 6, p. 911-923, doi: 10.1127/0935-1221/2011/0023-2156	WoS	10/3
4	Halim Ayranci, Ali Sadi Basak, Hakan Karabulut, Interference effect of Fe on the spectroscopic (FAAS) determination of Au and Ag in the ore of Izmit region in Turkey, Fen Bilimleri Enstitüsü Dergisi, 21 (2009) 63-71 - Marmara Üniversitesi	Google Scholar	5/3
5	Taher, M.A., Mazaheri, L., Ashkenani, H., Mohadesi, A., Afzali, D., Determination of nickel in water, food, and biological samples by electrothermal atomic absorption spectrometry after preconcentration on modified carbon nanotubes, Journal of AOAC International Volume 97, Issue 1, 2014, Pages 225-231	WoS	10/3
		total	15
Ene, A. *, Popescu, I.V., Badica, T., 2006, Determination of carbon in steels using particle-induced prompt gamma ray spectrometry, Journal of Optoelectronics and Advanced Materials 8(1), 222-224, ISSN 1454-4164.			
1	Zamfir, Nicolae Victor, The Bucharest tandem accelerator - part of the European infrastructure , AIP CONFERENCE PROCEEDINGS Volume: 899 Pages: 23-25 Published: 2007	WoS	10/3
2	M Nirkko, S Braccini, A Ereditato, I Kreslo, P Scampoli, M Weber, An adjustable focusing system for a 2 MeV H^- ion beam line based on permanent magnet quadrupoles, Journal of Instrumentation 8 (2013) P02001 doi:10.1088/1748-0221/8/02/P02001	WoS	10/3
3	D. K. Avasthi and G. K. Mehta, Swift Heavy Ions for Materials Engineering and	WoS	10/3

Nr. publ. k	Referinţa bibliografică a publicaţiei k care citează lucrarea i a candidatului		Pct.
	Nanostructuring, Springer Series in Materials Science, 2011, Volume 145, 67-85, DOI: 10.1007/978-94-007-1229-4_3		
4	D Bucurescu, G Cata-Danil, NV Zamfir , Laboratory Portraits: Bucharest Tandem Van de Graaff Accelerator,- Nuclear Physics News , Volume 17, Issue 1, 2007, pages 5-10	Google Scholar	5/3
5	I. Burducea, L. S. Craciun, C. Ionescu, M. Straticiuc, A.T. Serban, P. M. Racolta, (2011). Nanomaterials Characterization Using Nuclear Methods at IFIN-HH. Sensors & Transducers, 12(2011)33–45 http://www.sensorsportal.com/HTML/DIGEST/october_2011/P_SI_157.pdf	Google Scholar	5/3
6	Csedreki, L., Uzonyi, I., Szíki, G.Á., Szikszai, Z, Gyürky, G., Kiss, Á.Z. , Measurements and assessment of 12C(d,py)13C reaction cross sections in the deuteron energy range 740-2000 keV for analytical applications,Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms 2014, 328, pp. 59-64	WoS	10/3
		total	16.66
Ene A. *, Popescu I. V., Ghisa V., 2009, Study of transfer efficiencies of minor elements during steelmaking by neutron activation technique, Romanian Reports in Physics 61(1), 165-171, ISSN 1221-1451.			
1	C Wang, M Brämming, M Larsson , Numerical Model of Scrap Blending in BOF with Simultaneous Consideration of Steel Quality, Production Cost, and Energy Use, Steel research international, 2013, 84(4), pages 387–394	WoS	10/3
2	Ion V. Popescu, Marina Frontasyeva, Claudia Stihi, Gh. V. Cimpoca, Cristiana Radulescu, Anca Gheboianu, Calin Oros, Gh.Vlaicu, Marian Petre, Iulian Bancuta, Ioana Dulama, Nuclear And Nuclear Related Analytical Methods Applied In Environmental Research, Rom. Journ. Phys., Vol. 55, Nos. 7–8, P. 821–829, 2010	WoS	10/3
3	Gabriel State, Ion V. Popescu, Anca Gheboianu, Cristiana Radulescu, Ioana Dulama, Iulian Bancuta, Raluca Stirbescu, Identification of air pollution elements in lichens used as bioindicators, by the XRF and AAS methods, Rom. J. Phys., Vol. 56, 1–2, 2011	WoS	10/3
		total	10
Ene, A.*, Bosneaga A., Georgescu L., 2010, Determination of heavy metals in soils using XRF technique, Rom. Journ. Phys. ISSN 1221-146x, 55 (7-8), 815-820.			
1	Margaret West, Andrew T. Ellis, Philip J. Potts, Christina Streli, Christine Vanhoof, Dariusz Wegrzynek and Peter Wobrauschek, Atomic spectrometry update-X-ray fluorescence spectrometry, Journal of Analytical Atomic Spectrometry Volume: 26 Issue: 10 Pages: 1919-1963 DOI: 10.1039/c1ja90038b Published: 2011	WoS	10/3
2	Samia M. El-Bahi, Amany T. Sroor, Najat F. Arhoma, Saher M. Darwish, XRF Analysis of Heavy Metals for Surface Soil of Qarun Lake and Wadi El Rayan in Faiyum, Egypt, Open Journal of Metal, 2013, 3, 21-25 doi:10.4236/ojmetal.2013.32A1003	Google Scholar	5/3
3	Garba, N. N., Yamusa, Y. A., Isma'ila, A., Habiba, S. A., Garba, Z. N., Musa, Y., & Kasim, S. A. "Heavy metal concentration in soil of some mechanic workshops of Zaria-Nigeria." International Journal of Physical Sciences 8.44 (2013): 2029-2034	Google Scholar	5/3
4	Chik, Z., Murad, O. F., & Islam, T. (2014). Geo-Environmental Characterizations in Heavy Metal and Oil Contaminated Soil Using Soil Electrical Resistivity.Advances in Environmental Biology, 8(22), 138-146	Google Scholar (Scopus)	5/3
5	Ali, I. H., & Ateeg, A. A. (2015). Study of Soil Pollutants in Omdurman Industrial Area, Sudan, Using X-ray Fluorescence Technique. Int. J. Environ. Res, 9(1), 291-294	WoS	10/3
6	Paulette, L., Man, T., Weindorf, D. C., & Person, T. (2015). Rapid assessment of soil and contaminant variability via portable x-ray fluorescence spectroscopy: Copşa Mică, Romania. Geoderma, 243, 130-140	WoS	10/3
7	Mtunzi, F. M., Dikio, E. D., & Moja, S. J. Evaluation of Heavy Metal Pollution on Soil in Vaderbijlpark, South Africa, International Journal of Environmental Monitoring and Analysis 2015; 3(2): 44-49	Google Scholar	5/3
		total	16.66
Ene A.*, Popescu I.V., Stihi C., Gheboianu A., Pantelica A., Petre C. , PIXE analysis of multielemental samples, (2010) Romanian Journal in Physics, 55 (7-8) , pp. 806-814			
1	S. S. Swain, D. K. Ray and P. K. Chand, ED-XRF spectrometry-based trace element composition of genetically engineered rhizoclones vis-à-vis natural roots of a multi-medicinal plant, butterfly pea (Clitoria ternatea L.), Journal of Radioanalytical and Nuclear Chemistry Volume 293(2), 2012, 443-453, DOI: 10.1007/s10967-012-1796-9	WoS	10/6
2	Constantin, L. V.; Iconaru, S.; Ciobanu, C. S.,.EUROPIUM DOPED HYDROXYAPATITE FOR APPLICATIONS IN ENVIRONMENTAL FIELD Romanian Reports in Physics, Vol. 64, No. 3, P. 788–794, 2012	WoS	10/6
3	Voica, C., Dehelean, A., Iordache, A., Geana, I, Method validation for determination of metals in soils by ICP-MS, 2012, Romanian Reports on Physics 64 (1) , pp. 221-231	WoS	10/6
4	Olaru, E.A., Stepa, R., Stefan, S., Udrea, I. , Estimations of total carbon (TC) and several metals in the composition of particulate matter in Bucharest area, 2012, Romanian Reports on Physics 64 (1) , pp. 187-197	WoS	10/6

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5	Bancuta I.; Popescu I. V.; Chilian A.; et al., PIXE and EDXRF methods applied in Bi-Te-Se thermoelements study, Rom. Journ. Phys., Volume: 56 Issue: 9-10 Pages: 1116-1123, 2011	WoS	10/6
6	M Bashir, YI Zakari, IGE Ibeanu, U Sadiq, Assessment of heavy metal pollution in flooded soil of kudenda, Kaduna state. Nigeria, American Journal of Engineering Research (AJER) Volume-03, Issue-03, pp-197-204, 2014.	Google Scholar	5/6
7	Akter, S., Ahasan, M. M., Abedin, M. J., Khatun, R., & Monika, A. N. Elemental Profile Studies of some Soil Samples using Particle Induced X-Ray Emission (PIXE) Technique, International Journal of Reciprocal Symmetry and Theoretical Physics, Volume 1, No 2 (2014) 106-110.	Google Scholar	5/6
		total	10
Popescu, I.V., Ene, A., Stihi, C., Bancuta, A., Dima, G., Badica, T., Ghisa, V., 2007, Analytical applications of particle-induced X-ray emission (PIXE), Six International Conference of the Balkan Physical Union BPU-6, AIP Conference Proceedings 899, p. 538			
1	Radulescu Cristiana, Stihi Claudia. Biological activity of new heterocyclic systems containing thiazolic ring. Revista de Chimie, 60(11), pp. 1164-1168, 2009	WoS	10/7
2	Ion V. Popescu, Marina Frontasyeva, Claudia Stihi, Gh. V. Cimpoca, Cristiana Radulescu, Anca Gheboianu, Calin Oros, Gh.Vlaicu, Marian Petre, Iulian Bancuta, Ioana Dulama, Nuclear And Nuclear Related Analytical Methods Applied In Environmental Research, Rom. Journ. Phys., Vol. 55, Nos. 7–8, P. 821–829, 2010	WoS	10/7
3	Gabriel State, Ion V. Popescu, Anca Gheboianu, Cristiana Radulescu, Ioana Dulama, Iulian Bancuta, Raluca Stirbescu, Identification of air pollution elements in lichens used as bioindicators, by the XRF and AAS methods, Rom. J. Phys., Vol. 56, 1–2, 2011	WoS	10/7
4	GE Zambrano-Rengel, DR Acosta ,Microstructure and Characterization of API 5L X-52 Pipeline Steel Samples, Acta Microscopica Vol. 19, No. 1, 2010, pp. 60 - 68	WoS	10/7
		total	5.71
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1	GE Zambrano-Rengel, DR Acosta ,Microstructure and Characterization of API 5L X-52 Pipeline Steel Samples, Acta Microscopica Vol. 19, No. 1, 2010, pp. 60 - 68	WoS	10/3
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Ghişă V., Popescu I. V., Belc M., Ene A., 2008, Study of some Roman brooches discovered at Tomis - Constanta by X-Ray Fluorescence technique, Rom. Journ. Phys. 53 (3-4), 557-562			
1	Gabriel State, Ion V. Popescu, Anca Gheboianu, Cristiana Radulescu, Ioana Dulama, Iulian Bancuta, Raluca Stirbescu, Identification of air pollution elements in lichens used as bioindicators, by the XRF and AAS methods, Rom. J. Phys., Vol. 56, 1–2, 2011	WoS	10/3
2	Boldea, D.-A., Praisler, M., Quaranta, M., Minguzzi, V., Multi-Technique Characterisation of Painted Eneolithic Ceramics Originating from Cucuteni (Romania), EUROPEAN JOURNAL OF SCIENCE AND THEOLOGY 9(4)(2013) 253-262	WoS	10/3
		total	6.66
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2	M WASIM, N KHALID, M ARIF, NA LODHI, Characterisation of Various Types of Alloy by K0-Neutron Activation Analysis, International Conference on Research Reactors: Safe Management and Effective Utilization, 14-18 November 2011, Rabat, Morocco, paper A27, pp 1-7, International Atomic Energy Agency (IAEA) Proceedings Papers	Google Scholar	5/3
		total	5
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1	Cristiana Radulescu, Claudia Stihi , Gabriela Busuioc, Anca Irina Gheboianu and Ion V. Popescu, Studies Concerning Heavy Metals Bioaccumulation of Wild Edible Mushrooms from Industrial Area by Using Spectrometric Techniques, Bulletin of Environmental Contamination and Toxicology Volume 84, 2010, Number 5, 641-646.	WoS	10/3
2	Gabriela Busuioc, Carmen Cristina Elekes, Claudia Stihi, Stefania Iordache and Sorin Constantin Ciulei, The bioaccumulation and translocation of Fe, Zn, and Cu in species of mushrooms from Russula genus, Environmental Science and Pollution Research	WoS	10/3

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	Volume 18, 2011, Number 6, 890-896, DOI: 10.1007/s11356-011-0446-z		
3	Xianming Zhou, Yongtao Zhao, Rui Cheng, Yuyu Wang, Yu Lei, Xing Wang, Yuanbo Sun K and L-shell X-ray production cross sections for 50–250 keV proton impact on elements with Z = 26–30, Nuclear Instruments and Methods in Physics Research B 299 (2013) 61–67	WoS	10/3
4	G BUSUIOC, CC ELEKES, C STIHI, LG TOMA, Copper bioabsorption in some macromycetes species grew in laboratory conditions, Annals. Food Science and Technology, 2011 - afst.valahia.ro Vol. 12, Issue 2, 2011, pp.204-210	Google Scholar	5/3
5	M Bashir, YI Zakari, IGE Ibeanu, U Sadiq, Assessment of heavy metal pollution in flooded soil of Kudenda, Kaduna state. Nigeria, American Journal of Engineering Research (AJER), 2014, Volume-03, Issue-03, pp-197-204	Google Scholar	5/3
6	CC Elekes, G Busuioc, INFLUENCE OF CHEMICAL COMPOSITION OF SOIL ON METAL ACCUMULATION IN EDIBLE MUSHROOM SPECIES OF RUSSULA GENUS Revue Roumaine de Chimie 2013, 58 (7-8), pp. 629-637	WoS	10/3
7	Czedli, H., Sziki, A.G., Nagy, S.A., Herta Czedli, Aron Gusztav Sziki and Sandor Alex Nagy, 2014. Examination of Heavy Metal Accumulation in Fish Scale Samples of Aspius aspius L. By Micro-PIXE Analytical Method. Journal of Animal and Veterinary Advances, 13(6): 372-376	Wos	10/3
8	RUQIA NAZIR et al, Accumulation of Heavy Metals (Ni, Cu, Cd, Cr, Pb, Zn, Fe) in the soil, water and plants and analysis of physico-chemical parameters of soil and water Collected from Tanda Dam kohat, Journal of Pharmaceutical Sciences and Research, Vol. 7(3), 2015, 89-97	Scopus	5/3
		total	21.66
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3	Constantin, L. V.; Iconaru, S.; Ciobanu, C. S., EUROPIUM DOPED HYDROXYAPATITE FOR APPLICATIONS IN ENVIRONMENTAL FIELD Romanian Reports in Physics, Vol. 64, No. 3, P. 788–794, 2012	WoS	10/6
4	Voica, C., Kovacs, M.H., Dehelean, A., Ristoiu, D., Iordache, A., ICP-MS determinations of heavy metals in surface waters from Transylvania, 2012 Romanian Journal of Physics 57 (7-8) , pp. 1184-1193	WoS	10/6
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7	Voica, C., Dehelean, A., Iordache, A., Geana, I., Method validation for determination of metals in soils by ICP-MS, 2012 Romanian Reports on Physics 64 (1) , pp. 221-231	WoS	10/6
8	Mehmet Musa Özcan, Nesim Dursun, Fahad Y. AL Juhaimi, Heavy metals intake by cultured mushrooms growing in model system, ENVIRONMENTAL MONITORING AND ASSESSMENT, 185 (10) (2013) 8393-8397	WoS	10/6
9	Valentin Ghişa, Ion V. Popescu, Marius Belc, An Observation of Geological Arheological Samples by AAS Method, Journal of Science and Arts Year 11, No. 2(15), pp. 237-240,2011	Google Scholar	5/6
10	C RADULESCU, C STIHI, Ion. V. POPESCU, Gabriela BUSUIOC, Anca Irina GHEBOIANU, Valerica Gh. CIMPOCA, Ioana Daniela DULAMA and Mihaela DIACONESCU, Determination of heavy metals content in wild mushrooms and soil by EDXRF and FAAS techniques, Ovidius University Annals of Chemistry Volume 21, Number 1, pp. 9-14, 2010	Google Scholar	5/6
11	Radulescu, C., Stihi, C., Cimpoca, V.G., Popescu, I.V., Busuioc, G., Gheboianu, A.I. , Evaluation of heavy metals content in edible mushrooms by microwave digestion and Flame Atomic Absorption Spectrometry | [Détermination des metaux lourds dans les champignons par digestion assistée par micro-ondes et spectrométrie d'absorption atomique avec atomisation par flamme] ,2011, Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry 12 (2), pp. 155-164	Scopus Google Scholar	5/6
12	Patricia Martinez-Nieto, Laura Mora-Ortiz,Gustavo Garcia-Gomez, George Robles-Camargo, Polluting macrophytes Colombian lake Fuquene used as substrate by edible fungus Pleurotus ostreatus, World J Microbiol Biotechnol (2014) 30(1):225–236 DOI 10.1007/s11274-013-1443-9	WoS	10/6
13	Claudia Stihi, Cristiana Radulescu, Elena Daniela Chelarescu, Andrei Chilian, Lucica Grigora Toma, Characterisation of nectar honeys according to their physicochemical parameters and mineral content, Revista de Chimie, 2013, 64(9):1000-1003	WoS	10/6
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15	B Kumari, As Atri, NUTRITIONAL AND NUTRACEUTICAL POTENTIAL OF WILD EDIBLE MACROLEPIOTOID MUSHROOMS OF NORTH INDIA, International Journal of Pharmacy and Pharmaceutical Sciences, 2014, Vol 6 Issue 2, 2014, p.200-204	Scopus Google Scholar	5/6
16	L Barbeş, A Bărbulescu, C Rădulescu, C Stihi, E.D. CHELARESCU, DETERMINATION OF HEAVY METALS IN LEAVES AND BARK OF POPULUS NIGRA L BY ATOMIC ABSORPTION SPECTROMETRY, Romanian Reports in Physics, Vol. 66, No. 3, P. 877–886, 2014	WoS	10/6
17	H. Gökbel, M. Harmankaya, M.M. Özcan, Determination of metal, non-metal and heavy metal contents of some tropical fruits growing in Indonesia, Quality Assurance and Safety of Crops & Foods, DOI: 10.3920/QAS2014.0397	WoS	10/6
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19	Sarikurkcu, C., Tepe, B., Kocak, M. S., & Uren, M. C. (2015). Metal concentration and antioxidant activity of edible mushrooms from Turkey, Food chemistry, 175, 549-555	WoS	10/6
20	Papić, M., Vuković, M., Multivariate analysis of contamination of alluvial soils with heavy metals in Čačak, Serbia, Romanian Journal of Physics 60 (7-8) (2015) in press	WoS	10/6
		total	29.16
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2	VALENTIN GHIŞA, ION V. POPESCU, MARIUS BELC, AN OBSERVATION OF GEOLOGICAL ARHEOLOGICAL SAMPLES BY AAS METHOD, Journal of Science and Arts, Year 11, No. 2 (15), pp. 237-240, 2011	Google Scholar	5/7
3	C Radulescu, C Stihi, I Popescu, Vo Nitescu, Ioana Daniela Dulama, Anca Irina Gheboianu, Andrei Chilian, Alin Bucurica, Oana Roxana Bancuta , ANALYSIS OF WASTE WATER FROM ECOLOGICAL CAR WASH–A CASE STUDY, Journal of Science and Arts ,Year 11, No. 2(15), pp. 193-200, 2011	Google Scholar	5/7
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2	NAA for Life sciences at Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research in Dubna, Frontasyeva, M.V. , 2011 Ecological Chemistry and Engineering S 18 (3), pp. 281-304 (ECOLOGICAL CHEMISTRY AND ENGINEERING S-CHEMIA I INZYNIERIA EKOLOGICZNA S) ISSN 1898-6196	WoS	10/12
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1	Ion V. Popescu, Marina Frontasyeva, Claudia Stihi, Gh. V. Cimpoca, Cristiana Radulescu, Anca Gheboianu, Calin Oros, Gh.Vlaicu, Marian Petre, Iulian Bancuta, Ioana Dulama, Nuclear And Nuclear Related Analytical Methods Applied In Environmental Research, Rom. Journ. Phys., Vol. 55, Nos. 7–8, P. 821–829, 2010	WoS	10/5
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		total	2.5
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1	E. Zubcov, L. Biletchi, E. Philipenko,L. Ungureanu , Study on metal accumulation in aquatic plants of Cuciurgan cooling reservoir, E3S Web of Conferences Vol. 1, 2013, Article 29008, Proceedings of the 16th International Conference on Heavy Metals in the Environment, September 2012, Rome, Italy. DOI:http://dx.doi.org/10.1051/e3sconf/20130129008	Google Scholar	5/5
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1	I. Dulama, I. Popescu, C. Stihi C. Radulescu, Gh. V. Cimpoca, L.G. Toma, R. Stirbescu, O. Nitescu, STUDIES ON ACCUMULATION OF HEAVY METALS IN ACACIA LEAF BY EDXRF, Romanian Reports in Physics, Vol. 64, No. 4, P. 1063–1071, 2012	WoS	10/3
		total	3.33
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		total	5
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1	Geta Szabo, Octavian G. Duliu,, Janet Gradinaru, WDXRF AND Spark - OES ANALYSIS OF FOUNDRY IRON AND FURNACE SLAGS, Romanian Reports in Physics, Vol. 65, No. 2, P. 478–486, 2013 - Citarea nr. 6 (A.Ene, Radiometric techniques of analysis and control ("Lower Danube University" Academic Foundation Publishing House of Galati, 2006)	WoS	10
		total	10
	Total 3.1:		**324.94**

* Autor corespondent

3.3 Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice / Recenzent pentru reviste si manifestari stiintifice nationale si internationale indexate ISI

3.3.1. Recenzent pentru reviste ISI		
1	Ref: EES-14-1201; Title: Levels and distribution of organochlorine pesticides and hexachlorobutadiene in soils and terrestrial organisms from a former pesticide-producing area in Southwest China, Ecotoxicology and Environmental Safety	10
2	„A study on road traffic emissions of heavy metals in a tunnel experiment in Tirana, Albania by using dust samples" (F-2014-1035 Fresenius Environmental Bulletin	10
3	"Source identification and health risk assessment of Persistent organic pollutants (POPs) in the topsoil of typical petrochemical industrial area in Beijing, China" (Prof. Guo-Li Yuan) GEXPLO3782Journal of Geochemical Exploration	10
4	"Spectral investigation of phosphorus compounds in Spinacia Oleracea using Fourier Transform Infrared method", Spectroscopy Letters. MS_SL_385_14	10
5	"Multivariate analysis of contamination of alluvial soils with heavy metals in municipallity of Cacak, Serbia" autori M.Paic, M.Vukovic; "Romanian Journal of Physics"	10
6	Ms. No. ESPR-D-14-01252R1; The effect of sampling scheme in the survey of atmospheric deposition of heavy metals in Albania by using moss biomonitoring; Environmental Science and Pollution Research	10
7	"Multi-criteria analysis of soil radioactivity in Cacak basin, Serbia", M.Papic, M.Vukovic,I.Bikit, D.Mrda, S.Forkapic, K.Bikit, D.Nikolic, "Romanian Journal of Physics"	10
8	Spatial distribution and influence factors of organchlorine pesticides (OCPs) in agricultural soil:a case study in the hilly area of Ningde, China Ms. Ref. No, STOTEN-D-13-02063	10
9	Title: Investigation of selected heavy metals level in top soils around Ajaokuta Steel Company North Central Nigeria Authors: Olatunde S. Stephen Olatunji, Ph.D; Oladele Osibanjo, Ph.D Ref: CHEM28865	10
10	"Color Metallography and Electron Microscopy Techniques Applied to the Characterization of 413.0 Aluminum Alloys" Microscopy and Microanalysis # MAM-12-156.R2	10
11	HEAVY METAL COCENTRATION IN SOIL OF SOME MECHANIC WORKSHOPS OF ZARIA-NIGERIA Author(s): Nuraddeen Garba, Polish Journal of Environmental Studies Ms 337 2012 PJOES	**10**
	Total 3.3.1	***110***
3.3.2. Prezentari invitate in plenul unor manifestari stiitifice nationale si international 3.3.2.1 internationale		
	Ene A., Analytical applications of thermal and 14 MeV neutron activation analysis in metallurgical industry, Invited Paper L8, The 3rd Joint Seminar JINR-Romania on Neutron Physics for Investigations of Nuclei, Condensed Matter and Life Sciences, Targoviste, Romania, 24-30 July 2011, Book of Abstracts p. 34-35, ISBN 978-973-712-612-2, http://www.icstm.ro/sites/default/files/JSJR3_Book_of_abstracts.pdf.	20
	Antoaneta Ene, Analytical applications of neutron activation analysis in industrial engineering, 13th International Balkan Workshop on Applied Physics (IBWAP 2013), Constanta, Romania, 4-6 July 2013, Invited lecture S5_L11, Section 5-Engineering and Industrial Physics, Book of Abstracts, p. 121. http://www.ibwap.ro/2013/uploads/letter/program_IBWAP-2013-07-03.pdf	20
	Total 3.3.2	***40***

3.3.2 BDI	**Membru in colectivele de redactie sau comitete stiintifice al revistelor**	
1	Editor sef - The Annals of University Dunarea de Jos Galati, Fascicle II Mathematics, Physics, Theoretical Mechanics	8
	Total 3.3.2.	***8***
3.3.3	**membru comitete stiintifice / organizator manifestari nationale si Internationale neindexate**	
1	Preşedinte al: National Conferences of Applied Physics, 3rd Edition, Galati, 2007;	5
2	Preşedinte al: National Conferences of Applied Physics, 4th Edition, Galati, 2008;	5
3	Preşedinte al 1st International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1), Galati, November 28th-29th, 2009;	5
4	Vice-Presedinte al: National Conference on Applied Physics, First Edition, Galati 2005	5
5	Vice-Presedinte al: National Conference on Applied Physics, 2nd Edition, Galati 2006	5
6	Membru al comitetului organizatoric al conferintelor: National Conference of Physics CNF2008, Bucharest, September 10-13, 2008; „Applied Sciences in the Study of Environment and Materials", Targoviste, June 5-6, 2008 and April 28-30, 2010; European Dimensions of the Doctoral Programmes (Posdru 19524) International Workshop, July 21th - July 22th, 2010, Galati; International Workshop Research Quality in Doctoral School, Increased Industrial and International Visibility, 13-14 July 2011, Galati;	5
7	Membru al comitetului stiintific al Scolii de vara: „The 3rd Joint Seminar JINR-Romania on Neutron Physics for Investigations of Nuclei, Condensed Matter and Life Sciences", Targoviste, Romania, 24-30 July 2011.	5
8	Scientific Conference of Doctorals Schools from „Dunarea de Jos" University of Galati, 16-17 May 2013,Galati	5
	Total 3.3.3	***40***
3.4 Experienta de management, analiza si evaluare in cercetare si/sau invatamant - Management academic		
	3.4.1. conducere	4*ani desfasurare
	Sef catedra fizica - 3,5 ani	**14**
	3.4.2. membru	2*ani desfasurare
	Adjunct Sef catedra fizica / adjunct director department- 4,5 ani	**9**
	Total 3.4.	***23***
3.6 Membru in academii, organizatii, asociatii international si nationale de prestigiu 3.6.4 – Asociatii profesionale ; 3.6.4.2 nationale		
	Membru al Asociaţiei Generale a Inginerilor din Romania (AGIR);	3
	Membru al Societăţii Române de Fizică	3
	Total 3.6.	***6***
	Total Recunoasterea si impactul activitatii (A3) 543.94 puncte **Minim cerut: 70 puncte**	**543.94**

Indicatorul de merit (A=A1+A2+A3)

A= 334,105 +1181,052 + 543,94 = 2059,1 puncte
(minimul impus: 430 puncte)