

LISTA COMPLETA A LUCRARILOR PUBLICATE

Prof. dr. ing. fiz. ANTOANETA ENE

1. Teza de doctorat

“Studiul structurii de microelemente a minereurilor de fier, aglomeratelor și produselor siderurgice corelate prin metode atomice și nucleare”, Facultatea de Fizica, Universitatea Bucuresti, 1997; Conducător științific: Prof. dr. C. Ilin Be liu.

2. Cărți și capitole din cărți

2.1. Carti/indrumare si capitole din carti cu caracter didactic/profesional

1. Ene, A., Picu, M., 1993, Probleme de fizica, Vol. IA - Mecanica fizica si acustica. Mecanica analitica, Universitatea Dunarea de Jos, Galati, 155 pagini.
2. Moraru, L., Ene, A., 1993, Probleme de fizica, Vol. IB – Fizica moleculara si caldura, Universitatea Dunarea de Jos, Galati, 153 pagini.
3. Ene, A., Mitoseriu, L., 1997, Indrumar de lucrari practice de mecanica fizica si acustica, Universitatea Dunarea de Jos, Galati, 89 pagini.
4. Bostan, M., Dobrescu, D., Danila, E., Ene, A., Gheorghies, C., Mitoseriu, L., Nat, A., Sahlean, V., Scarlet, G., Toma, D., Toma, E., Tudose, C., Tigau, N., Velican, N., Vieriu, P., Voiculescu, M., 1997, Teste de fizica pentru admiterea in invatamantul superior, Universitatea Dunarea de Jos, Galati, 154 pagini.
5. Ene, A., Nat, A., 1999, Indrumar de laborator de fizica atomica si nucleara, Universitatea Dunarea de Jos, Galati, 154 pagini.
6. Ene, A., 2005-2006, Fizica (IFR), Centrul de multiplicare IDD/IFR al Universitatii Dunarea de Jos, Galati, 100 pagini. <http://www.mec.ugal.ro/Resurse/MENUS/Facultate/IFR/Fizica.pdf>

2.2. Carti/monografiile publicate in edituri recunoscute CNCIS

1. Ene, A., 2000, Fizica – volumul I, Editura Fundatiei Universitare Dunarea de Jos, Galati, 256 pagini, ISBN 973-99424-9-0.
2. Ene, A., 2001, Probleme de mecanica fizica si acustica, Editura Fundatiei Universitare Dunarea de Jos, Galati, 148 pagini, ISBN 973-8352-05-3.
3. Nat, A., Ene, A., 2001, Probleme de fizica atomica, Editura Fundatiei Universitare Dunarea de Jos, Galati, 159 pagini, ISBN 973-8139-65-1.
4. Ene, A., 2002, Fizica – volumul II, Editura Fundatiei Universitare Dunarea de Jos, Galati, 252 pagini, ISBN 973-8352-73-8.
5. Nat, A., Ene, A., 2002, Indrumar de laborator de fizica, Editura Cartea Universitara, Bucuresti, 116 pagini, ISBN 973-86042-0-6.
6. Nat, A., Ene, A., 2003, Fizica atomica si nucleara. Culegere de probleme, Editura Cartea Universitara, Bucuresti, 354 pagini, ISBN 973-7956-12-5.
7. Nat, A., Ene, A., Tudose, C., Velican, N., Gheorghies, C., Vieriu, P., Sahlean, V., Toma, E., Tigau, N., Murariu, G., Condurache-Bota, S., Enache, L., 2003, Fizica. Teste grila pentru bacalaureat si admitere in invatamantul superior, Editura Fundatiei Universitare Dunarea de Jos, Galati, 261 pagini, ISBN 973-627-024-6.
8. Nat, A., Ene, A., 2003-2006, Indrumar de laborator de fizica - editia II,III,IV,V revizuita si adaugita, Editura Cartea Universitara, Bucuresti, 131 pagini, ISBN 973-7956-42-7.
9. 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.
10. Ene, A., 2003, Elemente de fizica pentru ingineri, Editura Fundatiei Universitare Dunarea de Jos, Galati, 435 pagini, ISBN 973-627-074-2.
11. Ene, A., 2005, Metode radiometrice de analiza multielementala (E-book), Editura Cartea Universitara, Bucuresti, 300 pagini, ISBN 973-731-153-1.
12. Ene, A., 2006, Tehnici radiometrice de analiza si control (E-book), Editura Fundatiei Universitare Dunarea de Jos din Galati, 345 pagini, ISBN (10) 973-627-308-3 si ISBN (13) 978-973-627-308-7.
13. Ene, A., Pantelica, A., 2011, Tehnici analitice atomice și nucleare utilizate în monitorizarea mediului, Galati University Press, 100 pagini, ISBN 978-606-8348-17-9.
14. Ene, A., Tigau N., Murariu, G., Condurache-Bota, S., 2012, Teste gril de fizic pentru admitere în învățământul superior, Galati University Press, 33 pagini, ISBN 978-606-8348-49-0.

2.3. Carti/monografiile publicate in edituri din străinătate

1. Harry Harmens, Gina Mills, Felicity Hayes, David Norris (Eds.), and the participants of the ICP Vegetation (151 autori incluzând Antoaneta ENE), 2011, 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. (H. Harmens, G. Mills, F. Hayes, D. Norris, J. M. Abaigar, J.R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, N. Akinshina, Y. Aleksiyayenak, 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. Bükler, 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. Ma kovská, S. Manninen, A. de Marco, M. Mastroilli, 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) <http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2010-11.pdf>
2. Harry Harmens, Gina Mills, Felicity Hayes, David Norris (Eds.), and the participants of the ICP Vegetation (166 autori incluzând Antoaneta ENE), 2012, 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. (H. Harmens, G. Mills, F. Hayes, D. Norris, J. M. Aboal, J.R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, N. Akinshina, Y. Aleksiyayenak, 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. Ma kovská, S. Manninen, A. de Marco, R. Marzuoli, M. Mastroilli, 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. Walsler, H.-J. Weigel, W. Werner, S. Wilkinson, H. Zechmeister) http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2011-12_Final_000.pdf
 3. H. Harmens, D. Norris, G. Mills, and the participants of the moss survey (J. Aboal Viñas, R. Alber, Y. Aleksiyayenak, 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. Santamaria, M. Skudnik, Z. Spiric, T. Stafilov, E. Steinnes, C. Stihl, 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) (69 authors), HEAVY METALS AND NITROGEN IN MOSSES: SPATIAL PATTERNS IN 2010/2011 AND LONG-TERM TEMPORAL TRENDS IN EUROPE, 2013; 63 pp., 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. <http://icpvegetation.ceh.ac.uk/publications/documents/Finalmossreport2010-11forweb.pdf>
 4. Harmens, Harry; Mills, Gina; Hayes, Felicity; Norris, David (Eds.) and the participants of the ICP Vegetation. (J. R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, Y. Aleksiyayenak, 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. Ma kovská, J. Martínez-Abaigar, A. Maxhuni, S. Manninen, A. de Marco, R. Marzuoli, M. Mastroilli, 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. Santamaria, 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. Stihl, 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); 149 authors. 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. <http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2012-13Final.pdf>
 5. H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, J. R. Aboal, R. Alber, R. Alonso, Y. Aleksiyayenak, 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. Bükér, 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. Ma kovská, 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. Schaub, M. Schlabach, W. Schröder, P. L. Sicard, V. Simon, M. Skudnik, H.C. Sogo, G. Soja, Z. Spiric, T. Stafilov, E. Steinnes, C. Stihl, I. Suchara, J. Sucharová, G. Szarek-Łukaszewska, L. De Temmerman, D. le Thiec, L. Thöni, R. Todoran, B. Turk, N. Uggerud, J. Urbaniak, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N. Waegeneers, W. Werner, L. Yurukova, H. G. Zechmeister (136 autori): 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, ISBN: 978-1-906698-53-9, 38 pg. <http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2013-14.pdf>.

2.4. Volume editate:

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.
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 (10) 973-627-311-3 si ISBN (13) 973-627-311-7, 72 pag.
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.
4. Antoaneta Ene, Romana Dra ovan, Nicolae ig u, Emilian D nil , Constantin Gheorghie , Gabriel Murariu, Alexandrina Nat, Stelu a 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).
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.
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.
7. Antoaneta Ene, Eugen Rusu, Silviu M cuță, 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.
8. L. Moraru, A. Ene, M. Timofte, Proceedings of the Scientific Conference of Doctoral Schools from “Dun rea de Jos” University of Galati (CCSD-UDJG 2013) Section 4 - Advanced investigation methods in environment and biohealth, Galati, May 16-17, 2013.

3. Articole/studii in extenso, publicate în reviste din fluxul tiin ific interna ional principal

3.1. Articole publicate in reviste indexate ISI-Thomson (Web of Science)

1. Badica, T., Besliu, C., Ene, A., Olariu, A., Popescu, I., 1996, Coincidence method for the determination of minor elements in steel by proton- induced prompt gamma-ray spectrometry (PIGE), Nuclear Instruments and Methods in Physics Research B111, 321 – 324, ISSN 0168-583X.
2. 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, ISSN 0236-5731.
3. 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 g-ray spectrometry (d-PIGE), Nuclear Instruments and Methods in Physics Research, B179, 126 – 132, ISSN 0168-583X .
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 and Methods in Physics Research, B217, 123 – 135, ISSN 0168-583X;.
5. Ene, A., 2004, Improvement of sensitivity in PIGE analysis of steels by neutron-gamma coincidences measurement, Nuclear Instruments and Methods in Physics Research B222, 228 – 234, ISSN 0168-583X
6. 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, ISSN 0236-5731.
7. 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.
8. Popescu, I.V., Ene, A., Stihl, 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
9. 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

10. Ghi 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.
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