

UNIVERSITATEA PETROL-GAZE DIN PLOIEȘTI  
FACULTATEA TEHNOLOGIA PETROLULUI SI PETROCHIMIE  
Departamentul: CHIMIE  
Domeniul: INGINERIA MEDIULUI  
Examen promovare: Conferentiar, Pozitia 9  
Candidat: Șef lucrari Dr. ing. BONDAREV ANDREEA

## LISTA DE LUCRĂRI

### (A) Lista celor 10 lucrări reprezentative

1. **A. BONDAREV**, D.R. POPOVICI, C. CĂLIN, S. MIHAI, E.E. SÎRBU, R.DOUKEH, *Black Tea Waste as Green Adsorbent for Nitrate Removal from Aqueous Solutions*, Materials, 2023, 16 (12), 4285. <https://doi.org/10.3390/ma16124285>
2. S. MIHAI, **A. BONDAREV**, C. CĂLIN, E.E. SÎRBU, *Adsorbent Biomaterials Based on Natural Clays and Orange Peel Waste for the Removal of Anionic Dyes from Water*, Processes 2024, 12 (5), 1032; ISSN 2227-9717. <https://doi.org/10.3390/pr12051032>
3. E.E. SIRBU, A. DINITA, M. TĂNASE, A.I. PORTOACĂ, **A. BONDAREV**, C.E. ENASCUTA, C. CALIN, *Influence of plasticizers concentration on thermal, mechanical and physicochemical properties on starch films*, Processes 2024, 12, 2021; ISSN 2227-9717. <https://doi.org/10.3390/pr12092021>
4. **A. BONDAREV**, S. MIHAI, K.A. USMAN, D. CURSARU, D. MATEI, V. SATULU, C.G. GHEORGHE, R. SOMOGHI, G. BRANOIU, *A Facile Microwave-Promoted Formation of Highly Photoresponsive Au-decorated TiO<sub>2</sub> Nanorods for Enhanced Photo-degradation of Methylene Blue*, Nanomaterials, 2024, 14(22), 1780. <https://doi.org/10.3390/nano14221780>
5. S. MIHAI, **A. BONDAREV**, M. NECULA, *The Potential of Biogenic Materials as Sustainable and Environmentally Benign Alternatives to Conventional Adsorbents for Dyes Removal: A Review*, Processes 2025, 13, 589. <https://doi.org/10.3390/pr13020589>
6. V. GHEORGHE, C. G. GHEORGHE, **A. BONDAREV**, R. SOMOGHI, *Ecotoxicity of o-Chlorobenzylidene Malononitrile (CBM) and Toxicological Risk Assessment for SCLP Biological Cultures (Saccharomyces sp., Chlorella sp., Lactobacillus sp., Paramecium sp.)*, Toxics, 2023, 11, 285. <https://doi.org/10.3390/toxics11030285>
7. **A. BONDAREV**, C. G. GHEORGHE, *Adsorptive removal of Crystal Violet dye from aqueous solutions using natural resource systems*, Desalination and Water Treatment, 2022, 264:215–223, DOI:10.5004/dwt.2022.28560
8. **A. BONDAREV**, S. CUC, D. BOMBOȘ, I. PERHAIȚĂ, D. BOMBOȘ, *PLA plasticized with esters for packaging applications*, STUDIA UBB CHEMIA, LXVIII, 2, 2023, p. 73-84, DOI:10.24193/subbchem.2023.2.05
9. **A. BONDAREV**, S.MIHAI, O.PÂNTEA, S. NEAGOE, *Use of biopolymers for the removal of metal ion contaminants from water*, Macromolecular Symposia, 2011, 303 (1), p. 78-84, <https://doi.org/10.1002/masy.201150511>
10. **A. BONDAREV**, C. G. GHEORGHE, V. GHEORGHE, M. BOMBOS, *Removal of dyes from textile wastewater using sawdust as low-cost biosorbent*, Revista de Chimie, 71 (3), 2020, p. 387-396, <https://doi.org/10.37358/Rev. Chim.1949>

## **(B) Teza de doctorat**

*Derivați ai acidului 4-azasebacic cu proprietăți tensioactive*, Conducător științific:  
Prof. dr. ing. Flavian Cuiban, Universitatea Petrol-Gaze din Ploiești, 200 pag., Octombrie 2009

## **C) Brevete de invenție și alte titluri de proprietate industrială**

1. BOMBOS D., BOLOCAN I., POPOVICI D., PANTEA O., DUSESCU C., JUGANARU T., **BONDAREV A.**, MIHAI S., BOZGA G., BOMBOS M., VASILIEVICI G., BOLMA I., ZAHARIA E., *Procedeu de obținere a unui combustibil lichid de focare*, Brevet nr. 126668-B1/29.06.2012

## **D) Cărți și capitole în cărți**

1. C.GHEORGHE, **A. BONDAREV**, *Microbiologie și ecotoxicologie, Lucrări de laborator*, Ediția a II-a, Editura Universității Petrol – Gaze din Ploiești, 2019, ISBN 978-973-719-773-3, 237 pag.

## **(E) Articole publicate în reviste din fluxul științific internațional:**

### **Articole publicate în reviste cotate ISI/BDI**

1. **A. BONDAREV**, F.CUIBAN, S.MIHAI, *Synthesis and characterization of N-acylation and N-alkylation derivatives of 4-azasebacic acid and diethyl-4-azasebacate*, Revista de Chimie, 60 (11), 2009, p. 1155-1159, ISSN 0034 -7752, WOS:000273802400010

2. S. MIHAI, M. NEGOIU, **A.BONDAREV**, *Activity of Some Novel Metal Complexes of Schiff Base Derived from p-phenyldiamine and 2-thiophene Carboxaldehyde*, Revista de Chimie, 60 (8), 2009, p. 778-782, ISSN: 0034-7752, WOS:000269163700010

3. **A. BONDAREV**, *Synthesis and surfactant properties of N-acylation compounds derived from hydrolysis degradation products of N-( $\beta$ -cianoethyl)- $\epsilon$ -caprolactam*, Turkish Journal of Chemistry, 34, 2010, p.1-13, ISSN 1300-0527, <https://doi.org/10.3906/kim-0902-2>

4. I.V.BRÂNZOI, I.CAMENIȚĂ, F.BRÂNZOI, **A.BONDAREV**, *Aspects of corrosion and its inhibition in cooling waters*, UPB Sci.Bull.,seria B, 69 (3), 2007, p.1-11, ISSN 1454 – 2331 <http://www.scientificbulletin.upb.ro>

5. **A. BONDAREV**, S.MIHAI, O.PÂNTEA, S. NEAGOE, *Use of biopolymers for the removal of metal ion contaminants from water*, Macromolecular Symposia, 2011, 303 (1), p. 78-84, <https://doi.org/10.1002/masy.201150511>

6. S. MIHAI, **A. BONDAREV**, M. NEGOIU, *Complexes of Pt(II) and Pd(II) with Symmetrical Bipodal N,N-bis-antipyrine-N'pyridinethioureas*, Revista de Chimie, 64 (2), 2013, p.191-194, WOS:000315756400016, FI = 0.677

7. D. BOMBOS, R. GANEA, V. MATEI, C. MARINESCU, **A. BONDAREV**, S. MIHAI, T. NATU, I.TAMAS, *Modified Bentonite for Purification of Dyeing Wastewater*, Revista de Chimie, 65 (8), 2014, p.976-982, FI = 0.81

8. C. CĂLIN, G. SCĂETEANU (VASILE), O. PANTEA, L. ILIE, **A. BONDAREV**, S. MIHAI, *Influence of Dithiocarbamates used for Phytosanitary Treatments on the Microelement Contents from Vineyard Soil in Tohani Region of Romania*, Revista de Chimie, 65 (4), 2014, p.497-501, WOS:000338605100023, FI = 0.81

9. E. GRIGORE, O. PANTEA, D. BOMBOS, C. CALIN, **A. BONDAREV**, C. GHEORGHE, *Effect of Inhibitors based Amine Derivates on Some Carbon Steel Corrosion*, Revista de Chimie, 66 (5), 2015, p.685-690, WOS:000355126000018, FI = 0.956
10. F. NICOLESCU, F. LUPU, O. PANTEA, C. GHEORGHE, **A. BONDAREV**, C. CALIN, *Toxicity Study of Benzene, Toluene and Xylene (BTX) at Exposure on Some Experimental Groups*, Revista de Chimie, 66 (8), 2015, p.1181-1183, WOS:000361124600022, FI = 0.956
11. **A. BONDAREV**, O. PANTEA, S. MIHAI, C. CALIN, C. G. GHEORGHE, *Removal of Cadmium from Aqueous Solutions Using Low Cost Sorbents*, Revista de Chimie, 67 (4), 2016, p. 728-733, WOS:000376549200029, FI = 1.232
12. C. ARGESANU, D. MATEI, S. IL KONG, **A. BONDAREV**, V. MATEI, *The Effects of Modifying the Catalytically Active Phase Through Ni Impregnation of the Cu-Ru Catalyst on Carbon Support in Nitrobenzene Hydrogenation*, Revista de Chimie, 69 (6), 2018, p. 1451-1454, WOS:000438397400032, FI = 1.605
13. C. G. GHEORGHE, **A. BONDAREV**, I. ONUTU, *Assesment of Water Quality Parameters in Some Potential Pollutant Areas from Romania*, Revista de Chimie, 69 (8), 2018, p. 2045-2049, WOS:000444602300024, FI = 1.605
14. V. GHEORGHE, C. G. GHEORGHE, **A. BONDAREV**, V. MATEI, M. BOMBOS, *The Malachite Green Biodegradation in Bioreactors on Various pH Domains*, Revista de Chimie, 70 (8), 2019, p. 2996-2999, WOS:000489685600061, FI = 1.755
15. **A. BONDAREV**, C. G. GHEORGHE, V. GHEORGHE, M. BOMBOS, *Removal of dyes from textile wastewater using sawdust as low-cost biosorbent*, Revista de Chimie, 71 (3), 2020, p. 387-396
16. V. GHEORGHE, C.G. GHEORGHE, **A. BONDAREV**, C. NICOLAE TOADER, M. BOMBOS, V. MATEI, *The Contamination Effects and Toxicological Characterization of o-Chlorobenzylidene Manolonitrile*, Revista de Chimie, 71 (12), 2020, p. 67-75
17. **A. BONDAREV**, C. G. GHEORGHE, *Adsorptive removal of Crystal Violet dye from aqueous solutions using natural resource systems*, Desalination and Water Treatment, 2022, 264: 215–223, DOI 10.5004/dwt.2022.28560
18. **A. BONDAREV**, S. CUC, D. BOMBOȘ, I. PERHAIȚĂ, D. BOMBOȘ, *PLA plasticized with esters for packaging applications*, STUDIA UBB CHEMIA, LXVIII, 2, 2023, p. 73-84, DOI:10.24193/subbchem.2023.2.05
19. **A. BONDAREV**, D.R. POPOVICI, C. CĂLIN, S. MIHAI, E.E. SÎRBU, R.DOUCHEH, *Black Tea Waste as Green Adsorbent for Nitrate Removal from Aqueous Solutions*, Materials, 2023, 16 (12), 4285. <https://doi.org/10.3390/ma16124285>
20. V. GHEORGHE, C. G. GHEORGHE, **A. BONDAREV**, R. SOMOGHI, *Ecotoxicity of o-Chlorobenzylidene Malononitrile (CBM) and Toxicological Risk Assessment for SCLP Biological Cultures (Saccharomyces sp., Chlorella sp., Lactobacillus sp., Paramecium sp.)*, Toxics, 2023, 11, 285. <https://doi.org/10.3390/toxics11030285>
21. S. MIHAI, **A. BONDAREV**, C. CĂLIN, E.E. SÎRBU, *Adsorbent Biomaterials Based on Natural Clays and Orange Peel Waste for the Removal of Anionic Dyes from Water*, Processes 2024, 12 (5), 1032; ISSN 2227-9717, <https://doi.org/10.3390/pr12051032>
22. E.E. SIRBU, A. DINITA, M. TĂNASE, A.I. PORTOACĂ, **A. BONDAREV**, C.E. ENASCUTA, C. CALIN, *Influence of plasticizers concentration on thermal, mechanical and physicochemical properties on starch films*, Processes 2024, 12, 2021; ISSN 2227-9717; <https://doi.org/10.3390/pr12092021>

23. **A. BONDAREV**, S. MIHAI, K.A. USMAN, D. CURSARU, D. MATEI, V. SATULU, C.G. GHEORGHE, R. SOMOGHI, G. BRANOIU, *A Facile Microwave-Promoted Formation of Highly Photoresponsive Au-decorated TiO<sub>2</sub> Nanorods for Enhanced Photo-degradation of Methylene Blue*, *Nanomaterials*, 2024, 14(22), 1780, <https://doi.org/10.3390/nano14221780>

24. S. MIHAI, **A. BONDAREV**, M. NECULA, *The Potential of Biogenic Materials as Sustainable and Environmentally Benign Alternatives to Conventional Adsorbents for Dyes Removal: A Review*, *Processes* 2025, 13, 589, <https://doi.org/10.3390/pr13020589>

**D) Articole publicate în reviste de specialitate cu circulație internațională (cu ISSN sau ISBN)**

**D.1 Articole publicate în reviste de categoriile B+ și B, în cotarea CNCIS**

1. E. TRÎMBIȚAȘU, **A. BONDAREV**, S. MIHAI, R. A. TĂNASE, F. LUPU, *Wastewater quality monitoring in a biological treatment plant*, *Buletinul UPG, Seria Tehnică*, LXII, 3A/2010, p.137-143, ISSN 1224-8495, <http://www.bulletin.upg-ploiesti.ro>

2. S.MIHAI, **A.BONDAREV**, O. PÂNTEA, *Microencapsulation of essential oils by using biocompatible polymers*, *Buletinul UPG, Seria Tehnică*, LXI (1), 2009, p.7-12, ISSN 1224-8495

3. E. TRÎMBIȚAȘU, O. PÂNTEA, **A.BONDAREV**, S. MIHAI, D.POPOVICI, S. NEAGOE, D.MATEI, *Aspects regarding pollution with heavy metals of soils from Ploiești City*, *Buletinul UPG, Seria Tehnică*, LX (4B), 2008, p.209-214, ISSN 1224-8495

4. S.MIHAI, S.RADU, **A. BONDAREV**, V.DUMITRESCU, I.BOLOCAN, *Analysis of some volatile organic compounds by GC-MS*, *Buletinul UPG, Seria Tehnică*, LIX (2), 2007, p.17-24, ISSN 1224-8495

5. **A. BONDAREV**, *Wastewater treatment for heavy metals and dyes using low-cost biosorbents: a review*, *THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE IX. METALLURGY AND MATERIALS SCIENCE*, No. 2 - 2021, p.47-56, ISSN 2668-4748

6. **A. BONDAREV**, *Application of the natural cellulosic supports for the treatment of the industrial effluents*, *THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE IX. METALLURGY AND MATERIALS SCIENCE*, No. 3 - 2021, p.48-55, ISSN 2668-4748

7. **A. BONDAREV**, C. GHEORGHE, *The use of lignin for environmental protection: an overview of recent literature*, *THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE IX. METALLURGY AND MATERIALS SCIENCE*, No. 1 - 2022, p.5-8, ISSN 2668-4748

**D.2 Articole publicate în reviste de specialitate recunoscute, altele decât B+ și B**

1. E. TRÎMBIȚAȘU, O. PÂNTEA, S. NEAGOE, **A.BONDAREV**, S. MIHAI, *Aspects regarding metals corrosion in different electrolytes solutions*, *Revista de Corozivare și Protecție Anticorozivă*, IV (3), 2009, p. 39-44, ISSN 1842-0346

2. E. TRÎMBIȚAȘU, O. PÂNTEA, **A.BONDAREV**, S. MIHAI, S. NEAGOE, *The urban traffic, a pollution reason in Ploiesti City*, *Revista de Corozivare și Protecție Anticorozivă*, IV (3), 2009, p. 44-50, ISSN 1842-0346

3. **A. BONDAREV**, C.G. GHEORGHE, *Waste biomass as biosorbent for lead removal from aqueous solutions*, *International Journal of Sciences & Applied Research*, 4(8), 2017; p.83-92

**E) Lucrări publicate în volumele unor manifestări științifice naționale/internaționale cu referenți (cu sau fără ISSN/ISBN)**

1. **A. BONDAREV**, S. MIHAI, C. CĂLIN, E. SÎRBU, *Natural clay and modified orange peel waste for Alizarin Yellow R dye removal from wastewater*, 5<sup>st</sup> International Colloquium Energy and Environmental Protection, 9-10 November, Petroleum-Gas University of Ploiești, Romania, 2023
2. S. MIHAI, D. CURSARU, **A. BONDAREV**, A. USMAN, D. MATEI, *Facile synthesis of TiO<sub>2</sub> nanowires decorated with gold nanoparticles in microwave field for photocatalytic degradation of methylene blue*, 5<sup>st</sup> International Colloquium Energy and Environmental Protection, 9-10 November, Petroleum-Gas University of Ploiești, Romania, 2023
3. R. DOUKEH, C. CALIN, M. OSEACA, E. SIRBU, **A. BONDAREV**, *Food waste valorization using thermal treatment*, Chemical Reactions in Foods IX (CRF 2023), September 13-15, 2023, Prague, Czech Republic
4. **A. BONDAREV**, C.G. GHEORGHE, S. MIHAI, *Adsorptive Bioremediation of Petroleum Refinery Wastewater Effluent*, 9<sup>th</sup> International Conference and Expo on Oil and Gas, Rome, Italy, 2018
5. S. MIHAI, D. CURSARU, D. GHIȚĂ, **A. BONDAREV**, A. MANTA, *Low Temperature Oxidation of Methane on Gold Nanoparticles*, 9<sup>th</sup> International Conference and Expo on Oil and Gas, Rome, Italy, 2018
6. V. GHEORGHE, C. G. GHEORGHE, **A. BONDAREV**, M. VASILE, M. BOMBOS, *Environmental Bioremediation-the malachite green adsorption in bioreactors on various pH domains*, 9<sup>th</sup> International Conference and Expo on Oil and Gas, Rome, Italy, 2018
7. **A. BONDAREV**, C.G. GHEORGHE, S. MIHAI, C. CĂLIN, *Biosorption - a green approach for heavy metal removal from water*, 3rd International Colloquium Energy and Environmental Protection, Ploiesti, Romania, 2018
8. S. MIHAI, D. CURSARU, A. MANTA, **A. BONDAREV**, *Doping TiO<sub>2</sub> Rutile with RuO<sub>2</sub> Nanocrystals to Enhance Visible Light Activated Photocatalytic Activity*, 3rd International Colloquium Energy and Environmental Protection, Ploiesti, Romania, 2018
9. S. MIHAI, O.PANTEA, S. NEAGOE, D. GHITA, **A. BONDAREV**, *Synthesis of Gold Nanoparticles with Catalytic Applications*, International Conference on Nanoscience + Technology (ICN+T2012) Paris, France, 23-27 July 2012, <http://www.icnt2012.fr>
10. **A. BONDAREV**, S. MIHAI, D. POPOVICI, S. NEAGOE, O. PANTEA, *Electrochemical Study of the Effect of Radioactive Waste on the Corrosion Behavior of Some Alloys*, ElecNano - 7<sup>th</sup> ECHEMS, 23-26 May 2011, Paris, France, [www.elecnano.univ-paris-diderot.fr](http://www.elecnano.univ-paris-diderot.fr)
11. C. DUSESCU, D. POPOVICI, **A. BONDAREV**, S. MIHAI, *Correlations between the Biodiesel Properties and Oxidation Degree*, 16. Tagung Festkörperanalytik, Viena, 4 -6 July 2011, [www.cta.tuwien.ac.at/fka16](http://www.cta.tuwien.ac.at/fka16)
12. **A. BONDAREV**, S. MIHAI, D. POPOVICI, S. NEAGOE, O. PANTEA, *Heavy Metals Adsorption using Biopolymer Microspheres*, 16. Tagung Festkörperanalytik, Viena, 4 -6 July 2011, [www.cta.tuwien.ac.at/fka16](http://www.cta.tuwien.ac.at/fka16)
13. **A. BONDAREV**, S. MIHAI, D. POPOVICI, O. PÂNTEA, *Biomaterials for Heavy Metals Adsorption*, 15<sup>th</sup> International Biodeterioration and Biodegradation Symposium, Viena, 19-24 Sept. 2011, [www.biotec.boku.ac.at](http://www.biotec.boku.ac.at)

14. C. CALIN, G. VASILE, O. PÂNTEA, **A. BONDAREV**, S. MIHAI, *The influence of dithiocarbamates used for phytosanitary treatments of vineyard on the microelements contents from soil*, 15<sup>th</sup> International Biodeterioration and Biodegradation Symposium, Viena, 19-24 Sept. 2011, [www.biotec.boku.ac.at](http://www.biotec.boku.ac.at)
15. S. MIHAI, O. PÂNTEA, **A. BONDAREV**, D. CIUPARU, *Gold Shell Architectures and optoelectronic properties*, 15<sup>th</sup> International Biodeterioration and Biodegradation Symposium, Viena, 19-24 Sept. 2011, [www.biotec.boku.ac.at](http://www.biotec.boku.ac.at)
16. D. POPOVICI, **A. BONDAREV**, S. MIHAI, C. DUSESCU, *Removal of Co(II) and Cu (II) from wastewaters by adsorption on clays*, 7<sup>th</sup> International Conference of the Chemical Societies of the South-Eastern European Countries on Chemistry-Beauty and Application, 15-17 September 2010, Bucharest, Romania, ISBN 978-973-748-512-0, [www.icosecs7.upb.ro](http://www.icosecs7.upb.ro)
17. C. DUSESCU, D. POPOVICI, **A. BONDAREV**, S. MIHAI, *The influence of biodegradation degree over the biodiesel qualities*, 7<sup>th</sup> International Conference of the Chemical Societies of the South-Eastern European Countries on Chemistry-Beauty and Application, 15-17 September 2010, Bucharest, Romania, ISBN 978-973-748-512-0, [www.icosecs7.upb.ro](http://www.icosecs7.upb.ro)
18. S. MIHAI, **A. BONDAREV**, S. NEAGOE, O. PÂNTEA, *Preparation, Characterization and Adsorption Properties of Chitosan Microspheres Crosslinked by o-Vanilin for Heavy Metals from Aqueous Solution*, POLYSOLVAT-8, 8<sup>th</sup> International IUPAC Conference Polymer-Solvent Complexes & Intercalates, 5-8 July 2010, Strasbourg, France, [www.ics.u-strasbg.fr](http://www.ics.u-strasbg.fr)
19. S. MIHAI, S. NEAGOE, O. PÂNTEA, **A. BONDAREV**, M. NEGoiu, *Metallamacrocyclic complexes of Pt(II), Pd(II) and Rh (III) with symmetrical bipodal N,N-bis-antipyrine-N'pyridinethioureas*, FIGIPAS-10th Meeting in Inorganic Chemistry, Palermo, Italia, 1-4 July 2009, [www.figipas.org](http://www.figipas.org)
20. O. PÂNTEA, S. MIHAI, **A. BONDAREV**, S. NEAGOE, D. POPOVICI, *Clinoptillolite peats as adsorbants for heavy metals ions*, FIGIPAS-10th Meeting in Inorganic Chemistry, Palermo, Italia, 1-4 July 2009, [www.figipas.org](http://www.figipas.org)
21. **A. BONDAREV**, F. CUIBAN, S. MIHAI, *N-alkylation of some N-β-cyanoethyl-ε-caprolactam derivatives and their surfactant properties*, THE 13<sup>th</sup> BMOS - BRAZILIAN MEETING ON ORGANIC SYNTHESIS, 31 AUGUST-4 SEPTEMBER, 2009, Sao Pedro, Brazilia- <http://www.bmos13.ufscar.br>
22. S. MIHAI, M. NEGoiu, **A. BONDAREV**, O. PÂNTEA, E. TRÎMBIȚAȘU, *Synthesis and characterization of Pt (II), Rh(III), Pd (II), Cu(II) complexes with Schiff bases derived from 2-thiophenecarboxaldehyde and p-phenyldiamine*, Sixth National Conference on Chemistry 16th National Symposium 'Polymers 2008', Sofia, Bulgaria, 10-14 September 2008, <http://conference.unionchem.org>
23. **A. BONDAREV**, F. CUIBAN, S. MIHAI, O. PÂNTEA, E. TRÎMBIȚAȘU, *N-acylation of some hydrolisis degradation products of N-(β-cianoethyl)-ε-caprolactam*, Sixth International Conference of the Chemical Societies of the South Eastern European Countries, Sofia, Bulgaria, 10-14 September 2008, p. 69, <http://conference.unionchem.org>
24. E. TRÎMBIȚAȘU, C. MATEESCU, R. COCÂRJAN, **A. BONDAREV**, *"Poluarea cu plumb a solurilor și vegetației în zonele intens circulate din Municipiul Ploiești"*, Simpozionul Internațional "Mediul și Industria", București, 19-21 Octombrie, 2005
25. **A. BONDAREV**, F. CUIBAN, *N-acylation in different conditions of 4-azasebacic acid and diethyl-4-azasebacate*, THE 33<sup>rd</sup> INTERNATIONAL ARA CONGRESS, Sibiu,



Romania, 2-7 June 2009, <http://www.uamsibiu.ro>, Proceedings, Vol.II, p.369-371, Polytechnic International Press, Montréal, Canada, ISBN 978-2-553-01433-8

The American Romanian Academy of Arts and Sciences (ARA) is an internationally recognized academic research and educational institution, founded in 1975 California, <http://www.meca.polymtl.ca/ion/ARA-AS>, double-blind review process.

**26. E. TRÎMBIȚAȘU, A. ȘCHIOPEȘCU, O. PÂNTEA, S. NEAGOE, A. BONDAREV, C. MATEESCU, L. BRAZU,** *Studies regarding heavy metals content for intense circulated areas*, International Symposium „The Environment and Industry”, Bucharest, 25-27 Oct. 2007, Vol.II, p. 347-352, ISSN 1843-5831

**27. A. BONDAREV, F. CUIBAN,** *Bio surfactants derived from 4-azasebacic acid*, International Scientific Conference *EUROPEAN DIMENSIONS OF THE EDUCATION AND SCIENCE*, 11 May 2009, Technical College – Yambol, Bulgaria, Trakia Journal of Sciences, 7, Suppl.2, 2009, p.186-189, ISSN 1312-1723, <http://tk.uni-sz.bg/tk-web-en/conf2009.htm>

## **F) Contracte de cercetare**

**Proiecte de cercetare-dezvoltare-inovare obținute prin competiție pe bază de grant, în calitate membru în colectiv**

**Contracte de cercetare-dezvoltare-inovare pe bază de contract cu societăți comerciale sau alți parteneri sociali, în calitate de membru în colectivul de cercetare**

1.2023-2024: membru la Contract GISC TPP-NMOP, Nr. 11095, UPG Ploiesti, *Fabricarea de noi fotocatalizatori de heterojonctiune pe baza de oxizi metalici pe support de O-g-C<sub>3</sub>N<sub>4</sub> pentru mineralizarea fotocatalitica a contaminantilor organici*, Director proiect Conf.dr.chim. S.Mihai

2. 2023-2024: membru la Contract GICS—TPP—EDA, Nr. 9249/15.05.2023, *Energie din deseuri regenerabile*

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**Șef lucr.dr.ing. Andreea BONDAREV**