

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Procese de depoluare pe bază de oxizi micști a gazelor reziduale”

“Residual Gas Purification Processes on Mixed Oxides”

B. Cărți si capitole în cărți publicate în ultimii 10 ani

1. I Untea, M Plesca, A.M. Dancila- Controlul calitatii mediului, Lucrari practice de laborator, ed Cartea Universitara 2003
2. C.Onose, C.S.Onose, A.M.Dancila – Inorganic Pigments, Printech Publishing, Bucharest, 2004, ISBN 973-718-038-0
3. C. Onose, C Orbeci, A. M Dăncilă – Tehnologii chimice și protecția mediului, Ed.Politehnica Press 2012, ISBN..978-606-515-414-8
4. Cristina Costache, Claudia Maria Simonescu, Annette Madelene Dăncilă- Suport de curs pentru programele Privim către viitor-e-Chimie, Chimie Anorganică, Chimie Analitică Vol I ,2012, Ed.Politehnica Press, ISBN 978-606-515-404-9 cap 5p124-153
5. S. Caprarescu, A.M Dancila, C Modrogan, O. Orbulet-„Tratare si epurare ape-Îndrumar de laborator” Ed.Politehnica Press 2020, ISBN. 978-606-515-903-7
6. *Simona Căprărescu, Violeta Purcar, Cristina Modrogan, Annette Madelene Dăncilă, Oanamari Daniela Orbuleț* **Advanced Materials Based on Nanoparticles for Water and Wastewater Treatment: From Synthesis to Applications, Advances in Water and Wastewater Treatment Theoretical and Experimental Approaches**
Hard ISBN: 9781774917039

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. C Orbeci, C Modrogan, **Annette Madelene Dancila-Degradation of Pharmaceutical Effluents by Photo-assisted Techniques**, Rev de Chimie, 12, (2016), ISSN, 0034-775 (FI=0,956) WOS 000369524300037
2. Cristina Orbeci, Mircea Stefan*, **Annette Madelene Dancila**, Mihai Silviu Tudosie – **“Removal of Antibiotics from Wastewater Using Photocatalytic Membranes”** Rev de Chimie 67, No 9 ,2016, pag 1666-1668 (FI =1.755) ISSN 0034-7752
3. **Annette Madelene Dancila**, Eugeniu Vasile – **Influence of the oxalic acid addition upon properties of desulfurization sorbents based on zinc oxide**, Rev de Chimie, 12, (2015), ISSN, 0034-775 (FI=1.775)
4. M. Belcu, D.S.Stefan, M. Stefan, I. Untea, **Annette Madelene Dancila** -**Climate change: some insights from mean surface temperature statistics**, International Journal of Sustainable Development & World Ecology (2015) ISSN 1350-4509 (FI =2.772) WOS:000361463600007
5. D.S. Stefan, Jacobus Frederick van Staden, E Vasile, O-R Vasile, **Madelene Dancila-****Influence of sulfate and nitrate uptake from aqueous solutions on surface exchange in**

Purolite A-520E resin, C. R. Chimie 17 (2014) 738–745, ISSN: 1631-0748,(IF =2.223) WOS:000342037400019; <https://doi.org/10.1016/j.crci.2014.01.005>

6. **Madelene Dancila**, G. Voicu, E. Vasile-**Influence of Added Graphite on ZnO Sorbents for Gas Desulfurization**, Rev. Chim. 65, No. 12, (2014), 1521-1524, ISSN 0034-7752 (IF =1.775)
7. Tomoki Yabutani*, Yumi Nakamoto*, Ryoji Yamanouchi*, Le Thi Xuan Thuy*, Kei-ichiro Murai*, Junko Motonaka*, Mitsuharu Ogaki*, **Madelene Annette Dancila****, Rodica Stanescu**, Marinela Plesca*** -**“Multielemental characterization of airborne particulate matter collected in Bucharest and Tokushima by inductively coupled plasma mass spectrometry and inductively coupled plasma atomic emission spectrometry “**- Analytical Sciences. vol 26(3), (martie 2010) pag 395-400 (IF =1.255) ISSN 2164-2745
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8. Ion Untea^a, **Madelene Dancila^a**, Eugeniu Vasile^b, Mihai Belcu^a-,**Structural, morphological and textural modifications of ZnO-TiO₂ HTGD based sorbents induced by Al₂O₃ addition, thermal treatment and sulfurizing process”**-Powder Technology 191 (1-2), (2009), 27-33 (IF=4.140) ISSN 0032-5910 <https://doi.org/10.1016/j.powtec.2008.09.002>
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9. **Madelene Dăncilă**, Ion Untea, Viorel Bădiliță – **„Influența adaosului de Al₂O₃ asupra regenerării prin oxidare cu aer la temperatură înaltă a sorbenților de desulfurare de tip ZnO-TiO₂”** – Revista de Chimie, 58, 7, (2007) 640-645, (IF =0,677) ISSN 0034-7752
WOS:000249456100011
10. Orbuleț, O.D., Modrogan, C., Orbeci, C., Dancila A M, Bobirică, L., Vasile, E. **Influence of Sulfonation of Inert Macroporous and Macronet Resins on the SO₂ Adsorption Capacity** *Water Air And Soil Pollution* **229(12)**,394 (2018). FI= 1.9, <https://doi.org/10.1007/s11270-018-4041-5> ; WOS: 000451653000001
11. Diminescu, M.; Dumitran, G.; Vuta, L.; Popa, B.; Dancila, M.-**Experimental researches of a clay lentil influence on the groundwater flow**, 18th International Multidisciplinary Scientific GeoConference SGEM 2018, vol 3.1, 18, In Proceedings, p- 283-290 ISBN: 978-619-7408-42-3 ISSN: 1314-2704 DOI: 10.5593/sgem2018/3.1/S12.037
12. Modrogan, C., Orbuleț, O.D., Orbeci, C., Bobirică, C., Dăncilă, M.A. **Removal of manganese from groundwater by adsorption on gellan gum/Fe₃O₄ composite** ,International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2018, 18(5.1), pp. 705–712 ISSN 1314-2704
13. A M Dancila, O D Orbuleț, C Modrogan, S Caprarescu, **Soybean waste material as potential adsorbent for heavy metal ions from aqueous solutions**, 19th International Multidisciplinary Scientific Geoconference SGEM 2019, Ecology, Economics, Education and Legislation, Vol 19, Issue: 5.2, pag. 823-830, ISSN 1314-2704, <https://doi.org/10.5593/sgem2019/5.2/S20.103>
14. L Bobirica, C Modrogan, C Bobirica, O D Orbuleț, M A Dancila, C Orbeci, **New materials for removing nitrate, manganese and iron from groundwater**, 22nd International Symposium “The Environment and The Industry”, SIMI 2019, Proceedings Book, Bucharest, Romania, pag 84, ISSN-L: 1843-5831, <http://doi.org/10.21698/simi.2019>
15. Caprarescu, S.; Modrogan, C.; Purcar, V.; Dancila, A.M.; Fierascu, R.C. **Study of Corrosion Efficiency of Mild Steel Using Commercial Liquid Additives for Fish in Natural Water**, *Rev.Chim.*(Bucharest) 2019, 70(4),1140-1143, FI 1.755,WOS:000469387200007
16. Caprarescu, S., Ion-Ebrasu, D., Soare, A., Purcar, V., Radu, A.-L., Sarbu, A., Pascu, M., Modrogan, C., Dancila, A.M., Deleanu, C., **Removal of nickel ions from synthetic**

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17. A M Dancila, S Caprarescu, C Bobirica, V Purcar, G Gârleanu, E Vasile, C Modrojan, C Borda, D Dobrotă- **“Optimization of the Technological Parameters for Obtaining Zn-Ti Based Composites to Increase the Performance of H₂S Removal from Syngas”**, Processes J. **2020**, 8(5), 562; <https://doi.org/10.3390/pr8050562>; WOS: 000541752600004; ISSN 2227-9717 (IF=2.753)
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 19. Modrojan, C., Căprărescu, S., Dăncilă, A. M., Orbuleț, O. D., Vasile, E., & Purcar, V. (2020). **Mixed Oxide Layered Double Hydroxide Materials: Synthesis, Characterization and Efficient Application for Mn²⁺ Removal from Synthetic Wastewater**. *Materials*, 13(18), 4089. doi:10.3390/ma13184089; WOS 000581705000001; ISSN print 1996-1944 (FI =3.92)
 20. S Caprarescu, C Modrojan, V Purcar AM Dancila, O D Orbulet-**Study of Polyvinyl Alcohol-SiO₂ Nanoparticles Polymeric Membrane in Wastewater Treatment Containing Zinc Ions**, *Polymers* **2021**, 13(11), 1875; <https://doi.org/10.3390/polym13111875>; WOS:000660545900001; eISSN 2073-4360;
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 23. O D Orbulet, A M Dancila, S Caprarescu, C Modrojan, V Purcar **Nitrates Removal from Simulated Groundwater Using Nano Zerovalent Iron Supported by Polystyrenic Gel** *Polymers* **2023**, 15, 61. <https://doi.org/10.3390/polym15010061>; WOS:000909882000001; eISSN 2073-4360
 24. A. M. Pahontu (Dura), D S Stefan, F L Chiriac, I Calinescu, A M Dancila and M Stefan, **Enhanced Degradation of Bisphenol A via Ultrasound, Assisted by Chemical Treatment**, *Sustainability* **2023**, 15, 14058. <https://doi.org/10.3390/su151914058>; WOS:001159286900001; eISSN 2071-1050; FI 3,3
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[<https://www.scirp.org/journal/paperinformation?paperid=134109>]
 26. Annette Madelene Dancila and Magdalena Boșomoiu* **Exploring the Possibilities of Using Recovered Collagen for Contaminants Removal—A Sustainable Approach for Wastewater Treatment**, *Polymers* **2024**, 16, 2923. <https://doi.org/10.3390/polym16202923>; WOS:001341664900001 FI 4,7

27. Denisa Nicoleta Airinei, Cristina Modrojan, Oanamari Daniela Orbulet, Annette Madelene Dăncilă*, Magdalena Boşomoiu and Cristian Matei, **Biodegradable Thermoplastic Materials with Application in the Manufacture of Bags Without Synthetic Polymers**, *Polymers* **2025**, *17*, 356. <https://doi.org/10.3390/polym17030356>, WOS:001418374000001, FI 4,7; eISSN 2073-4360

D. Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți (neindexate)

- Reviste

1. C.Onose, C.S.Onose, A.M.Dancila, M.Elisa – “**The obtaining of electrophosphors with high energetic efficiency**”, Proceedings of the 14th Romanian International Conference of Chemistry and Chemical Engineering (RICCCE 14), vol. 4, Printech Publishing, Bucharest, 2005, p. 205-212, ISBN 973-718-284-7, ISBN 973-718-284-X 6.
2. C.Onose, C.S.Onose, M.Dancila – “**The Mechanism of the Synthesis of Zinc Sulphide’s from Zinc Sulphate and Natrium Tiosulphate**”, Proceedings of the 13th Romanian International Conference of Chemistry and Chemical Engineering (RICCCE 13), vol. 1, Bucharest, 2003, p. 138-146, ISBN 973-652-823-5.
3. A M Dancila, C Modrojan, C Orbeci, O D Orbulet, **Cadmium And Copper Sorption in a Clayey Chernozem Soil**, Lucrarile Simpozionului international MEDIUL SI INDUSTRIA SIMI 2016 13-14 octombrie 2016 Bucuresti, Romania, pag 301-309 ISSN 1843-5831
4. D S Stefan, C Iesan, I Untea, C Orbeci, M Dancila – “**The selectivity study of NO₃⁻ ions retention from aqueous solutions by ion exchange using A 520E type resin**”, Lucrarile Simpozionului international MEDIUL SI INDUSTRIA, SIMI 2009, 28 – 30 octombrie 2009, București, Romania vol.1 pag.275-281, ISSN 1843-5831

E. Selecție cu maximum 20 lucrări în volume de conferințe

1. C.Onose, C.S.Onose, **A.M.Dancila** – “*Life cycle assessment an oportunity in contact alloy industry*”, Proceedings of the 14th Romanian International Conference of Chemistry and Chemical Engineering (RICCCE 14), vol. 4, Printech Publishing, Bucharest, 2005, pag. 180-189, ISBN 973-718-284-7, ISBN 973-718-284-X 24.
2. C.Onose, C.S.Onose, **A.M.Dancila** – “*Kinetic of acid attack for silver retrieve from solid waste*”, Proceedings of the 14th Romanian International Conference of Chemistry and Chemical Engineering (RICCCE 14), vol. 4, Printech Publishing, Bucharest, 2005, pag. 220-228, ISBN 973-718-284-7, ISBN 973-718-284-X 25.
3. C. Onose, C.S.Onose, **M.Dancila** – “*Waste Film Recycling Procedure*”, Proceedings of the 13th Romanian International Conference of Chemistry and Chemical Engineering (RICCCE 13), vol. 1, Bucharest, 2003, pag. 60-66, ISBN 973-652-823-5
4. **Madelene Dăncilă**, Daniela Simina Stefan, Carmen Iesan, Ion Untea, Cristina Orbeci,– “*The selectivity study of NO₃⁻ ions retention from aqueous solutions by ion exchange using A 520E type resin*”, Simpozionul international MEDIUL SI INDUSTRIA, SIMI 2009, 28 – 30 octombrie 2009, București, Romania
5. **Annette Madelene Dăncilă**, Ion Untea, Cristina Orbeci, Daniela Simina Stefan – “*High temperature regeneration of ZnO-TiO₂ desulphurization type sorbents*” - ZnO/TiO₂ molar ratio and the sorbent particles size influence - The 16th Romanian International Conference on Chemistry and Chemical Engineering, RICCCE XVI, 9-12 september 2009, Sinaia, Romania
6. **Madelene Dăncilă**, Cristian Onose Carmen Suzana Onose “*Absorption of sulphur dioxide from waste residual gases in diluted solutions of NaOH regeneration as fine tuning*” The 17th Romanian

International Conference on Chemistry and Chemical Engineering, RICCCE 17, 7-11 september 2011, Sinaia

7. Cristina Orbeci, **Annette-Madelene Dăncilă**, Dumitru Turtoi, Alina Melinescu, Izabela Stancu “*Innovative materials used in medical equipment*” The 17th Romanian International Conference on Chemistry and Chemical Engineering, RICCCE XVII 7-10 septembrie 2011, Sinaia, Romania (poster)
8. Rodica Stănescu, Claudia Maria SIMONESCU, **Madelene Dăncilă**, Cristina Costache “*Science is Fun – Science Fairs in Calarasi and Oltenita, Romania*” 5th Living Knowledge Conference mai 2012 Bonn Germania(poster)
9. **Madelene Dăncilă**, C. Bobirică, Liliana BOBIRICĂ, Carolina Constantin „*Leaching behavior of cement/fly ash solidified materials containing heavy metals,*” A XXXII-a CONFERINȚA NAȚIONALĂ DE CHIMIE Caciulata 3-5 octombrie 2012
10. **Madelene Dăncilă**, Cristian ONOSE, Georgeta VOICU, Eugeniu VASILE – „*The influence of the oxalic acid addition on the structure, texture, and morphology desulfuration sorbents of type ZnO-TiO₂-Al₂O₃*” The 18th Romanian International Conference on Chemistry and Chemical Engineering, RICCCE XVIII 4-7 septembrie 2013, Sinaia, Romania
11. **Annette Madelene Dăncilă**, Cristina Orbeci , Amalia Mihaela Diminescu „*Regeneration of titanium zinc sorbents with graphite addition used in H₂S-containing gas desulphurization*” The 19th Romanian International Conference on Chemistry and Chemical Engineering, RICCCE 19, 2-5 september 2015, Sibiu, Romania
12. Cristina Orbeci, Simina Daniela Stefan, **Madelene Dăncilă** – “*Removal of antibiotics from wastewater using photocatalytic membranes*” Advances on Photocatalysis AdvPhotoCat2015 International Workshop 1st Edition 2015 July 6-8 , Iași
13. Cristina Orbeci, Cristina Modrojan, **Annette Madelene Dancilă**, Daniela Simina Stefan- “*Degradation of Organic Compounds from Industrial Pharmaceutical Effluent Through Advanced Oxidation Processes*” Advances on Photocatalysis AdvPhotoCat2015 International Workshop 1st Edition 2015 July 6-8, Iași
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16. Cristina Orbeci, Cristina Modrojan, **Annette Madelene Dancilă**, Daniela Simina Stefan- “*Degradation of Organic Compounds from Industrial Pharmaceutical Effluent Through Advanced Oxidation Processes*” Advances on Photocatalysis AdvPhotoCat2015 International Workshop 1st Edition 2015 July 6-8, Iași
17. **Dancila A.M.**, Caprarescu S., Purcaru V., Vasile E. Modrojan C., Melinescu “*A, synthesis and characterization of Zn₂TiO₄ used in desulphurisation processes of waste gases with H₂S content*”, ICEEM09 6-9 septembrie 2017 Bologna, Italia, Section Novel materials for environmental and energy applications
18. Cristina Modrojan, Madalina Pandelescu, **Madelene Dancila**, Oanamari Orbulet, Cristina Orbeci, Constantin Bobirica “*Isotherm models and kinetics of zinc adsorption by using gellan-gum/graphene oxides beads*”, ICEEM09 6-9 septembrie 2017 Bologna, Italia, Oral presentation vineri/pag 23, section: Water and wastewater cycles: technologies, recycling, and valorization
19. Oanamari Orbulet, Cristina Modrojan, Madalina Pandelescu, Cristina Orbeci, **Madelene Dancila**, Constantin Bobirica: SO₂ removal from residual gases by solid adsorbents, ICEEM 09 6-9 septembrie 2017 Bologna, Italia Section Monitoring and modelling of environmental pollution

20. Mihai Eftimie, **Annette Madelene Dancila**, Cristina Modrogan, Cristina Orbeci, Alina Melinescu, “*COD Reduction Of Wastewater Containing Ampicillin Using CRT Glass Waste as Photocatalytic Substrate for TiO₂*”, 20th INTERNATIONAL SYMPOSIUM – SIMI 2017 “THE ENVIRONMENT AND THE INDUSTRY” pag 47
21. Oanamari Daniela ORBULET, Cristina MODROGANI, **Madelene DANCILA**, Constantin BOBIRICA, Cristina ORBECI, Cristina COSTACHE, *Adsorption competence study of soy bean wastes regarding removal of Cr (VI) from waste waters*, International Congress of Health and Environment October 23-25, 2017 Adana-TURKEY, pag. 433-434
22. Mihai EFTIMIE, **Madelene DĂNCILĂ**, Cristina MODROGAN, Cristina ORBECI, Alina MELINESCU, *COD Reduction of wastewater containing Ampicillin Using CRT Glass Waste as Photocatalytic Substrate for TIO₂*, International Congress Of Health And Environment October 23-25, 2017 Adana-TURKEY, pag. 435
23. Mihai Eftimie, **Madelene Dăncilă**, Cristina Modrogan, Cristina Orbeci, Alina Melinescu *Recovery of CRT glass waste as photocatalytic substrate*, 20th Romanian International Conference on Chemistry and Chemical Engineering, Poiana Brasov, ROMANIA - September 6-9, 2017, S5 - 107
24. Cristina Modrogan, Oanamari Daniela Orbulet, **Madelene Dăncilă**, Constantin Bobirica, Cristina Orbeci, Cristina Costache *Removal of some heavy metals from industrial wastewaters by ion exchange method*, 20th Romanian International Conference on Chemistry and Chemical Engineering, Poiana Brasov, ROMANIA - September 6-9, 2017, S5-156
25. Cristina Orbeci, **Annette Madelene Dăncilă**, Cristina Modrogan, Daniela Simina Ștefan, *Removal of low biodegradable organic compounds from wastewater*, 20th Romanian International Conference on Chemistry and Chemical Engineering, Poiana Brasov, ROMANIA - September 6-9, 2017, S5-100
26. C. Bobirică, C. Orbeci, L. Bobirică, O.D. Orbuleț, C. Modrogan, **Dancila Madelene**, *Examination of Pb immobilization pathways in cementitious systems*, 11th International Conference on Materials Science & Engineering-BraMat 2019, Transilvania University of Brasov – Romania, III.PO.01 pag 121
27. O.D. Orbuleț, C. Bobirică, C. Modrogan, C. Orbeci, **Dancila Madelene**, L. Bobirică, A.I. Pitic, *LDHs-type materials for phosphates retention from wastewater*, 11th International Conference on Materials Science & Engineering-BraMat 2019, Transilvania University of Brasov – Romania, V.PO.11 pag 207
28. S. Căprărescu, V. Purcar, **A. M. Dăncila**, C. Modrogan, O. D. Orbuleț, *Corrosion protection of mild carbon steel using seaweed*, 19th International Balkan Workshop on Applied Physics and Materials Science, 16-19 July 2019, Constanta, Romania 81. A. A.
29. Scarlat, S. Căprărescu, V. Purcar, C. Modrogan, **A. M. Dăncilă**, O. D. Orbuleț, *Treatment of paint wastewater using natural plant, crushed granite and anion exchange resin*, 6th International Conference Geography, Environment and GIS for students and young researchers, 23-25 May 2019, Targoviste, Romania
30. Oanamari Daniela Orbuleț, Cristina Modrogan, Constantin Bobirică, Dăncilă Madelene, Cristina Orbeci, Liliana Bobirică, *Nitrates removal from groundwater using nano zerovalent iron supported on anion exchange resin*, 10th International Conference on Environmental Engineering and Management - ICEEM10, pag. 285-286, ISSN 2457-7049, ISSN-L 2457-7049, 2019 Iasi, Romania
31. Oanamari Daniela Orbuleț, Cristina Orbeci, Constantin Bobirică, Cristina Modrogan, **Dăncilă Madelene**, Liliana Bobirică, *Phosphate Removal from Aqueous Solution using Nanosized Zerovalent Iron Supported by Anionic Exchange Resin*, 21st Romanian International Conference on Chemistry and Chemical Engineering, S5_193, Constanta - Romania, 2019
32. Cristina Modrogan, Oanamari Daniela Orbuleț, Liliana Bobirică, **Annette Madelene Dăncilă**, Constantin Bobirică, Cristina Orbeci, *Nitrates removal from aqueous solutions using magnetite nanoparticles functionalized with EDTA*, 21st Romanian International Conference on Chemistry and Chemical Engineering, S5_154, Constanta - Romania, 2019
33. R Fotie Lele, I Ouedraogo, M Lompo, Mihaela Diminescu, **Annette Madelene Dancila**, Alphonse Emadak, *Water extend monitoring in dams using Sentinel_2 remote sensing: the*

case of Burkina Faso, 11th International Conference on Energy and Environment, 26-27 oct.2023 CIEM 2023: 979-8-3503-4078-5/23/\$31.00 c2023 IEEE

34. Cristian Constantin, Cristina Modrogan, **Annette Madelene Dăncilă**, Simona Călinescu, Georgeta Olguța Popa, Valeriu Dănciulescu, Elena Dicu *Mathematical modeling of air quality for biofiltration systems of waste treatment facilities*, 23st Romanian International Conference on Chemistry and Chemical Engineering, Constanta - Romania, RICCE 23st, 4-6 september 2024
35. Raluca Elena Cârjilă (Mihalache), Cristina Modrogan, **Annette Madelene Dăncilă**, Oanamari Daniela Orbuleț, Simona Căprărescu, *Preparation and characterization of nanoparticles doped with the plant extract for the wastewater treatment*, 23st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 23st, Constanta - Romania, 4-6 september 2024
36. Cristina Modrogan, Oanamari Daniela Orbuleț, Simona Căprărescu, Raluca Elena Carjila, **Annette Madelene Dăncilă**, *Preparation and Characterization of Adsorbents from Solid Waste*, 23st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 23st, Constanta - Romania, 4-6 september 2024, (**S6 – P– ID004**)
37. Aliona Olari, **Annette Madelene Dăncilă**, Oanamari Daniela Orbuleț, Cristina Modrogan, Simona Căprărescu *Comparative Analysis of the Efficiency of Potential Materials Used in the Adsorption Process of Sulfur Dioxide*, 23st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 23st, Constanta - Romania, 4-6 september 2024 (**S6 – P– ID004**)
38. Cristina Orbeci, Giovanina - Iuliana Ionică, Constantin Bobirică, Liliana Bobirică, **Annette Madelene Dăncilă**, *Photocatalytic Degradation of Ivermectin from Wastewater*, 23st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 23st, Constanta - Romania, 4-6 september 2024, (**S6 – P– ID016**)
39. Oanamari Daniela Orbuleț, Cristina Modrogan, Constantin Bobirică, **Annette Madelene Dăncilă**, Liliana Bobirică *Dynamics of Nitrate Ion Migration Processes in Soil Columns Using Permeable Reactive Barriers*, 23st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 23st, Constanta - Romania, 4-6 september 2024 (**S6 – P– ID022**)
40. Simona Căprărescu, Grațiela Teodora Tihan, Roxana Gabriela Zgârian, Alexandru Mihai Grumezescu, Cristina Modrogan, **Annette Madelene Dăncilă**, *Performance of Polymeric Membrane Containing Nanoparticles for the Removal of Heavy Metal Ions from a Simulated Wastewater*, 23st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 23st, Constanta - Romania, 4-6 september 2024 (**S6 – P– ID025**)
- 41.

F. Proiecte nationale / international

Proiectul	Funcția	Perioada
Proiectul EELISA "European Engineering Learning Innovation and Science Alliance (Erasmus+)"	membru în echipă	2021-2024
Proiect ERASMUS + "CD WASTE – ManageVET"	membru în echipă	2019-2022
SciShops.eu finantat de Programul de cercetare si inovare H2020 al Uniunii Europene prin contractul de finantare nr. 741657	membru în echipă	2018-2020
Metode inovative de tratare ape”, Contract nr. 78/22.09.2017 nr. 136 Tip proiect: Grant Intern de Cercetare Durata contract: oct.2017 – sep. 2018; Valoare contract: 22000 lei;	membru în echipă	oct.2017 – sep. 2018
Schimburi ionice în acvifere, Contract de finanțare Nr. 08 / 25.09.2017, Tip proiect: Grant Intern de Cercetare – GEX 2017, Durata contract: oct.2017 – sep. 2018; Valoare contract: 22000 lei;	membru în echipă	oct.2017 – sep. 2018

Grantului de excelență UPB (GEx-UPB), 66/2016 a fost „Funcționalizarea deșeurilor tip CRT în structuri gradate micro și nanostructurate cu potențial aplicativ ridicat în epurarea apelor reziduale”, 2016-2017; Valoare contract: 22000 lei	membru în echipă	2016-2016
Proiect nr 92/2014 „Materiale și procese inovative pentru îndepărtarea selectivă a metalelor grele din apele uzate”	membru în echipă	2014
„Performanța Sustenabilă în Cercetarea Doctorală și Post Doctorală – PERFORM”, POSDRU/159/1.5/S/138963	Expert pe termen scurt	octombrie-noiembrie 2013
Privim către viitor - Formarea profesională a cadrelor didactice pentru utilizarea resurselor informatice moderne în predarea eficientă a chimiei PROIECT POSDRU 61839	Expert pe termen lung	2010
Proiectului European FP7- PERARES 244264 (SiS-2009) “Public Engagement with Research and Research Engagement with Society”	participant	2010
Contract C5087/29.09.2009 – beneficiar SC LAVALIN ROMANIA SA Studiu privind reținerea SO ₂ din gazele tehnologice de la ROMPLUMB Baia Mare prin neutralizare cu sodă calcinată Valoare contract: 6000 ron	participant	2009
EFSUPS – Exploring the ground – Fostering Scientific Understanding in Primary Schools (SAS6-CT-2006-042894-EFSUPS)	participant	2008
Contract 6278/09.05.2007”Posibilități de utilizarea a polimerilor fotosensibili în imprimările fotoluminiscente” Beneficiar SC SpaceArt International SRL Bucuresti	participant	2007
PN II 21-025/2007CH 390709 Creșterea performanței de conversie a gazelor acide din gazele de ardere industriale prin tratament combinat cu EA și MU	participant	2007
Contract 22850/19.12.2006 Nr. Intr. Ch. 37-06-03 “Studiul de impact asupra mediului privind utilizarea unui polimer fotosensibil în imprimările fotoluminiscente.” beneficiar SC SpaceArt International SRL Bucuresti	Participant	2006
Calist nr. 6113/2005-2008“Metode și mecanisme de sinteză a nanoparticulelor cristaline cu formă și dimensiuni controlate pentru aplicații în bionanotehnologie, senzori, acoperiri speciale și cataliză (NANOCRIS)”	participant	2007
Contract CEEX 201/2006 Obținerea de nanopigmenți pentru acoperiri decorative vitroase digitalizate (DIGIDECOR) Valoare contract: 1 489 000 RON	participant	2006
Contract 19/2005 “Sinteza CaCO ₃ cu proprietăți prestabilite prin procedee neconvenționale.”	participant	2005
Contract CERES 4-126/2004 “Obținerea și caracterizarea straturilor subțiri foto și electroluminiscente”	participant	2004
Contract nr. 557/9.02.04 „Analiza calității unor surse de apă din foraje și a celor din rețeaua de alimentare aferentă” beneficiar Petrom Service	participant	2004

E. Brevete obținute în întreaga activitate

1. “Vopsea Fluorescenta cu efect decorativ” autori Cristina Orbeci, **Annette Madelene Dăncilă**, Cristian Onose, Paul –Octavian Stănescu

Premii

MEDALIA DE AUR la **Salonul Internațional de Invenții și Inovații “TRAIAN VUIA”**.
Timisoara 11-13 iunie 2015 pentru **Brevet: RO 126666-B1-** *“Vopsea fluorescentă cu
efect decorative*

Data:

Semnatura: