

Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. C Orbeci, C Modrogean, **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 DOI: [10.2116/analsci.26.395](https://doi.org/10.2116/analsci.26.395)
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> WOS:000264656900005
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., Modrogean, 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 research 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.** Modrogean, 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 Orbulet, C Modrogean, 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 Modrogean, C Bobirica, O D Orbulet, **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.; Modrogean, 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., Modrogean, C., **Dancila, A.M.**, Deleanu, C., **Removal of nickel ions from synthetic wastewater using copolymers/natural extract blend membranes**, Romanian Journal of Physics 64 (9-10), 821 (2019), WOS:000501555500012, FI= 1,197
- 17.** **A M Dancila**, S Caprarescu, C Bobirica, V Purcar, G Gârleanu, E Vasile, C Modrogean, 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>, ISSN 2227-9717 (IF=2.753) WOS:000541752600004 Accepted: 7 May 2020; Published: 10 May 2020
- 18.** C Modrogean, A M Pandele, C Bobirica, D Dobrota, **A M Dancila**, G Gârleanu, O D Orbulet, C Borda, D Gârleanu, C Orbeci –“**Synthesis, Characterization and Sorption Capacity Examination for a Novel Hydrogel Composite Based on Gellan Gum and Graphene Oxide (GG/GO)**”- *Polymers 2020*, 12(5), 1182; <https://doi.org/10.3390/polym12051182> ISSN 2073-436 Accepted: 19 May 2020; Published: 21 May 2020 (IF = 3.426); WOS: 000541431100187
- 19.** Modrogean, 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 Modrogean, 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> ”

- 21.** G Isopencu, M Eftimie, A Melinescu, **A M Dancila**, M Mares **Recycling of GlassWaste by Deposition of TiO₂ for the Intensification of the Photocatalytic Effect in the Purification of Wastewater Coatings** **2022**, 12, 1794. <https://doi.org/10.3390/coatings12111794>
- 22.** D S Stefan, M Bosomoiu, **A M Dancila** and M Stefan **Review of Soil Quality Improvement Using Biopolymers from Leather Waste Polymers** **2022**, 14, 1928 . <https://doi.org/10.3390/polym14091928>
- 23.** O D Orbulete, **A M Dancila**, S Capraescu, C Modrogean, 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>