

L u c r ă r i l a c o n f e r i n țe ș i c o n g r e s e

1. Oanamari Daniela Orbuleț, Cristina Modrogan, **Constantin Bobirică**, Liliana Bobirică, Madelene Annette Dăncilă, Cristina Orbeci, Anion exchange resin-supported nZVI permeable reactive barriers for removal of nitrates from groundwater, International Symposium “THE ENVIRONMENT AND THE INDUSTRY”, 24-25 september 2020 (E-SIMI 2020), DOI: <http://doi.org/10.21698/simi.2020.ab02>
2. O. D. Orbuleț, Cristina Modrogan, **Constantin Bobirică**, C. Orbeci, D. Madelene, L. Bobirică, (2018), Use of autoclaved cellular concrete and pumice stone for the removing of phosphates from wastewater, 4th International Conference on Chemical Engineering inovative Materials and Processes for a Sustainable Developmnet, October 31 - November 2, Iași, Romania;
3. Cristina MODROGAN, Oanamari Daniela Orbuleț, Madelene Anette Dancila, Cristina Orbeci, **Constantin Bobirică**, Cristina Costache, (2018), Enlèvement de manganèse et fer contenus dans les eaux souterrains utilisant adsorption, 10ème édition du Colloque Franco-Roumain de Chimie Appliquée (COFrRoCA 2018), 27 au 29 Juin, Bacău, Romania;
4. Cristina Modrogan, **Constantin Bobirică***, Oanamari Daniela Orbuleț, Liliana Bobirică, Madelene Annette Dăncilă, Cristina Orbeci, (2018), Synthesis and characterization of new materials for advanced groundwater remediation, International Symposium “The Environment And The Industry”, SIMI, 20th to 21st September, Bucharest, Romania;
5. Oanamari Daniela Orbuleț, Cristina Modrogan*, **Constantin Bobirică**, Cristina Orbeci, Dăncilă Madelene, Liliana Bobirică, (2018), Phosphate removing from wastewater by using low-cost adsorbent materials, International Symposium “The Environment and The Industry”, Simi 20th to 21st September, Bucharest, Romania;
6. C. Modrogan, O.D. Orbuleț, **Constantin Bobirică**, M.D. Dăncilă, D.N. Ioniță, Removal iron and manganese from groundwater, (2018), 4th International Conference on Chemical Engineering inovative Materials and Processes for a Sustainable Development, October 31 - November 2, Iași, Romania;
7. Modrogan Cristina, Dăncilă Annette Madelene, Orbuleț Oanamari Daniela, Orbeci Cristina, **Bobirică Constantin**, (2018), Removal of manganese from groundwater by adsorption on gellan gum/magnetite composite, 18th Internatonal Multidisciplinary Scientific GeoConference SGEEm 2018, 30th July – 9th August, Albena, Bulgaria;

8. Orbuleț Oanamari Daniela, Modrogan Cristina, Dăncilă Madelene, **Bobirică Constantin**, Orbeci Cristina, Costache Cristina, (2017), Adsorption competence study of soybean wastes regarding removal of Cr (Vi) from waste waters, International Congress of Health and Environment, October 23-25, Adana-Turkey, pag. 433-434;
9. Modrogan Cristina, Orbuleț Oanamari Daniela, Dăncilă Madelene, **Bobirică Constantin**, Orbeci Cristina, Costache Cristina, (2017), Removal of some heavy metals from industrial wastewaters by ion exchange method, 20th Romanian International Conference on Chemistry and Chemical Engineering, RiCCCE 20, Poiana Brașov, ROMANIA - September 6-9, S5-156;
10. Orbuleț Oanamari Daniela, Modrogan Cristina, **Bobirică Constantin**, Bobirică Liliana, Orbeci Cristina, Costache Cristina, (2017), Application of static and dynamic kinetic models for evaluating phosphate ions sorption processes in soil, 20th Romanian International Conference on Chemistry and Chemical Engineering, RICCE 20, Poiana Brașov, ROMANIA, September 6-9, S5 – 183;
11. Modrogan Cristina, Pandeale Mădălina, Dăncilă Madelene, Orbuleț Oanamari, Orbeci Cristina, **Bobirică Constantin**, (2017), Isotherm models and kinetics of zinc adsorption by using gellan-gum/graphene oxides beads, Oral presentation Friday/pag 23, section: Water and wastewater cycles: technologies, recycling, and valorization, International Conference on Environmental Engineering and Management, ICEEM 09, 6-9 septembrie, Bologna, Italia;
12. Orbuleț Oanamari, Modrogan Cristina, Pandeale Mădălina, Orbeci Cristina, Dăncilă Madelene, **Bobirică Constantin**, (2017), SO₂ removal from residual gases by solid adsorbents, autori (poster S6P20/ pag 35) Section VI. Monitoring and modelling of environmental pollution, International Conference on Environmental Engineering and Management, ICEEM 09, 6-9 septembrie, Bologna, Italia;
13. Bobirică Liliana, **Bobirică Constantin**, (2015), Photocatalytic degradation pathways of 4-chlorophenol and 2,4-dichlorophenol from residual aqueous solutions, 19th Romanian International Conference on Chemistry and Chemical Engineering, RICCE 19, Sibiu, sept 2015.
14. Shim J.-H., Pyeon J.-H., Jeong J.-Y., **Bobirică Constantin**, Park J.-Y. (2014) Effect of NaCl on the synthesis of Alkali-Activated Slag Paste, Qingdao International Conference on Desalination and Water Reuse China, June 9-12, 2014;
15. **Bobirică Constantin**, Shim J.-H., Pyeon J.-H., Park J.-Y., (2014) Use of waste glass containing mercury in geopolymeric materials, Qingdao International Conference on Desalination and Water Reuse, China, June 9-12, 2014;
16. **Bobirică Constantin**, Dumitrescu S., Olescu A., Stănescu R. (2014) Leaching Behavior of Mercury from Spent Fluorescent Lamps Solidified with Cement, *GRF Davos Planet@Risk*, 2 (4), Special Issue on One Health: 266-270, Davos: Global Risk Forum GRF Davos;

17. Liliana Bobirică, Simina Daniela Ștefan, Alexandra Miron, **Constantin Bobirică**, Cristina Costache, (2010), Characteristics and possibilities to use the wastewater from agricultural users, 15th World Fertilizer Congress on the International Scientific Center for Fertilizers (CIEC), Meeting the Fertilizer Demand on a Changing Globe: Biofuels, climate change & Contaminants, Bucharest, Romania, Editura Academiei Române, ISBN 978 – 973 – 27 – 1949 – 7, pp. 518 - 525;
18. **Bobirică Constantin**, Apostol D.G., Bobirică L., Stănescu R., Constantinescu I., (2005), *Treatment of hazardous waste with high concentration of cadmium by stabilization – solidification processes*, 14th Romanian International Conference Chemistry and Chemical Engineering, vol. 4, pp. S06-100 – S06-105, Bucharest, Romania, ISBN 973-718-284-7, 973-718-288-X;
19. Butucea O.D., Apostol G., Modrogan C., Bobirică L., **Bobirică Constantin**, Costache C., Constantinescu I., (2005), *Studiu asupra reținerii fosforului în soluri cu conținut redus în materie organică*, prezentat la Lucrările celei de a XVII-a conferințe naționale pentru știința solului, Timișoara 2003, vol. 2, pp. 258 - 268, ISBN 973-8475-96-2, 973-729-023-2;
20. Apostol G., Costache C., Stănescu R., Butucea O., **Bobirică Constantin**, Bobirică L., Constantinescu I., (2005), *Consumul de îngrășăminte și starea de aprovizionare a solurilor cu elemente nutritive în vederea unei agriculturi durabile*, prezentat la Simpozionul Diversificarea sortimentului de îngrășăminte și îmbunătățirea calității acestora în raport cu cerințele agriculturii durabile, Bacău 2003, Editura AGRIS – Redacția Revistelor Agricole, ISBN 973-8115-26-4, pp. 233 – 238, București.
21. **Bobirică Constantin**, Bobirică Liliana, Butucea O., Modrogan C., Stănescu R., (2003), *Stabilization by solidification of hazardous waste with high concentration of chromium*, 13th Romanian International Conference Chemistry and Chemical Engineering, vol.1, pp. 158 - 163, Bucharest, Romania, ISBN 973-652-823-5;
22. Modrogan C., Bobirică Liliana, Butucea O.D., **Bobirică Constantin**, Dicu Viky, Costache Cristina, Stănescu Rodica, Constantinescu Ionel, (2003), *Iron removal from natural waters by Purolite MZ-10 ion exchange resins*, 13th Romanian International Conference on Chemistry and Chemical Engineering, vol. 1, pp. 182 - 187, Bucharest, Romania, ISBN 973-652-823-5;
23. Modrogan C., Bobirică Liliana, **Bobirică Constantin**, Costache C., Stănescu R., (2003), *Removal of chromium from tannery solid waste*, Proceedings of the First International Conference on Environmental Research and Assessment, pp. 145 - 151, Bucharest, Romania, ISBN 973-558-077-2;
24. Butucea O.D., Apostol G., Modrogan C., Bobirică Liliana, **Bobirică Constantin**, Costache C., Constantinescu I., (2005), *Studiu asupra reținerii fosforului în soluri cu conținut redus în*

materie organică, prezentat la Lucrările celei de a XVII-a conferințe naționale pentru știința solului, Timișoara 2003, vol. 2, pp. 258 - 268, ISBN 973-8475-96-2, 973-729-023-2;

25. Apostol G., Costache C., Stănescu R., Butucea O., **Bobirică Constantin**, Bobirică Liliana, Constantinescu I., (2005), *Consumul de îngrășămintă și starea de aprovizionare a solurilor cu elemente nutritive în vederea unei agriculturi durabile*, prezentat la Simpozionul Diversificarea sortimentului de îngrășămintă și îmbunătățirea calității acestora în raport cu cerințele agriculturii durabile, Bacău 2003, Editura AGRIS – Redacția Revistelor Agricole, ISBN 973-8115-26-4, pp. 233 – 238, București;
26. Apostol D.G., Bobirică Liliana, **Bobirică Constantin**, Butucea O., Costache C., Stănescu R., Constantinescu I., (2003), *Rolul utilizării îngrășămintelor în contextul unei agriculturi durabile*, prezentat la Conferința Națională pentru Dezvoltare Durabilă, pp. 449 - 456, București, România, ISBN 973-8449-16-2.