

LUCRĂRI LA CONFERINȚE ȘI CONGRESE

1. **Alexandra Raluca Miron**, Cristina Modrogan, Daniela Elena Pascu, Oanamari Daniela Orbulet, Simona Caprarescu, "Use of ion exchange processes on weak acid resins for nickel removal from waste waters", lucrare acceptată și prezentată ca poster la The 15th International Multidisciplinary Scientific GeoConference &Expo, SGEM , 15-26 iunie 2015, Albena, Bulgaria
2. **Alexandra Raluca Miron**, Cristina Modrogan, "Heavy metals removal from industrial wastewater by ion exchange", lucrare acceptată și prezentată ca **poster** la The 15th International Multidisciplinary Scientific GeoConference &Expo, SGEM , 15-26 iunie 2015, Albena, Bulgaria – **ISI Proceedings**;
3. Alexandra Raluca Miron, Cristina Modrogan, Daniela Elena Pascu, Daniela Dumitra Clej, Mihaela Neagu (Pascu), Abbas Abdul Kadhim Klaif Rikabi, Simona Caprarescu, "Cod removal from textile wastewaters by means of electrocoagulation", lucrare acceptată și prezentată ca poster la 19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 19), 2-5 septembrie 2015, Sibiu, Romania
4. Daniela Elena Pascu, **Alexandra Raluca Miron**, Mihaela Neagu (Pascu), Gina Alina Traistaru, Aurelia Cristina Nechifor, "Lead and zinc removal from wastewater", lucrare acceptată și prezentată ca **poster** la 19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 19), 2-5 septembrie 2015, Sibiu, Romania
5. Simona Caprarescu, Violeta Purcar, Anita Laura Radu, **Alexandra Raluca Miron**, Daniela Ion-Ebrasu, Amalia Soare, "Treatment of organic dye from synthetic solutions using polymer membranes and electrodialysis", lucrare acceptată și prezentată ca poster la International Conference Geography, Environment and GIS for students and young researchers, 21-23 mai, 2015, Târgoviște, Romania;
6. Daniela-Elena Pascu, **Alexandra Raluca Miron**, Mihaela Pascu (Neagu), Aurelia Cristina Nechifor, Bogdan I. Bita, Marian C. Popescu, Cornel Trisca-Rusu, Eugenia Eftimie Totu, „Structural and functional characterization of membrane processes, through specific techniques and mathematical models”, lucrare acceptată și prezentată ca poster la 3rd International Conference on Methods and Materials for Separation Processes „SEPARATION SCIENCE – TEHEORY AND PRACTICE 2015”, 6-10 septembrie, Karpacz, Poland;
7. Mihaela Pascu (Neagu), Daniela-Elena Pascu, Andreea Cozea, Gina Alina Traistaru, **Alexandra Raluca Miron**, Andrei A. Bunaci, Cristina Aurelia Nechifor, „Composite membranes for the processing of biologically active extracts”, lucrare acceptată și prezentată ca poster la 3rd International Conference on Methods and Materials for Separation Processes „SEPARATION SCIENCE – TEHEORY AND PRACTICE 2015”, 6-10 septembrie, Karpacz, Poland;
8. Simona Caprarescu, Anita-Laura Radu, Violeta Purcar, Cristian Petcu, Raluca Ianchis, Elvira Alexandrescu, Andrei Sarbu, Cristina Lavinia Nistor, **Alexandra Raluca Miron**, Daniela Ion-Ebrasu, Anca Cojocaru, „Polymer membranes with plant extracts for removal of dyes from wastewaters”, International Symposium

"PRIORITIES OF CHEMISTRY FOR A SUSTAINABLE DEVELOPMENT" PRIOCHEM
11th Edition Bucharest, Romania, 29-30 October, 2015

9. **Alexandra Raluca Miron**, Daniela Elena Pascu, Oanamari Daniela Orbuleț, Cristina Modroğan, Mihaela Neagu (Pascu), George Alexandru Popa, "The use of permeable reactive barriers for removal of phosphate from groundwaters", lucrare acceptata ca **prezentare orala** la 5th International Conference "Advanced Composite Materials Engineering", secțiunea BNS1e, 16-17 octombrie 2014, Brașov, Romania;
10. Daniela Elena Pascu , Mihaela Neagu (Pascu), Gina Alina Traistaru, Aurelia Cristina Nechifor, **Alexandra Raluca Miron**, „The use of adsorption isotherms for modelling the nitrite and sulphite anions removal from aqueous solutions on a composite membrane”, lucrare acceptată și prezentată sub formă de poster la 5th International Conference “Advanced Composite Materials Engineering”, 16-17 octombrie 2014, Brașov, Romania;
- 11.. **Alexandra Raluca Miron**, Aurelia Cristina Nechifor, Abbas Abdul Kadhim Klaif Rikabi, Szidonia-Katalin Tanczos, "Separation of aromatic intermediates of biological interest using emulsion liquid membranes", lucrare acceptata ca **prezentare orala** la 2th International Conference on Chemical Engineering, sectiunea 5 – Environmental Management, Sustainable Development, 5-8 noiembrie 2014, Iași, Romania;
12. **Alexandra Raluca Miron**, Cristina Modroğan, Daniela Elena Pascu, Paul Constantin Albu, Daniela Dumitra Clej, Simona Caprarescu, "The use of Mathcad programme for data processing in the wastewater treatment field", lucrare acceptata ca **poster** la 9th International Conference on Materials Science & Engineering, sectiunea V – Safety, Modelling and Simulation in Materials Engineering, 5-7 martie 2015, Brașov, Romania
13. Cristina Modroğan, **Alexandra Raluca Miron**, Oanamari Daniela Butucea, Cristina Costache, „Bioactive adsorber industrial wastewater treatment”, 18th Romanian International Conference on Chemistry and Chemical Engineering, S5-11, Sinaia, septembrie 2013, ISSN 2344-1895 și ISSN-L 2247-5389
14. Cristina Modroğan, **Alexandra Raluca Miron**, Oanamari Daniela Butucea, Cristina Costache, „Studies on coagulant dosage in a water treatment plant”, 18th Romanian International Conference on Chemistry and Chemical Engineering, S5-44, Sinaia, septembrie 2013, ISSN 2344-1895 și ISSN-L 2247-5389
15. Oanamari Daniela Orbuleț, Cristina Modroğan, **Alexandra Raluca Miron**, Dumitru Giani Apostol, Cristina Costache, Ionel Constantinescu, „Aplicarea modelelor cinetice pentru evaluarea proceselor de sorbție a ionilor fosfat în sol”, Simpozion Național „Agronomia – Prezent și ?” Sesiune Omagială cu ocazia împlinirii a 60 de ani de agrochimie în România, Filiala Naționale Române CIEC, p. 225-234, 2012, ISBN 10 973-8115-47-7 și ISBN 13 978-973-8115-47-7
16. Cristina Modroğan, **Miron Alexandra Raluca**, Butucea Oanamari Daniela and Costache Cristina „COD removal from industrial wastewater using activated carbon prepared from nutshell”, 7th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries (EMCC7), Corfu, 2012

17. **Miron Alexandra Raluca**, Cristina Modrogan, Butucea Oanamari Daniela and Costache Cristina „*The use of electrocoagulation technique in coloured wastewater treatment*“ 7th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries (EMCC7), Corfu, 2012
18. Oanamari Daniela Orbuleț, Cristina Modrogan, **Alexandra Raluca Miron**, Dumitru Giani Apostol, Cristina Costache, „*The usage of kinetic models for describing phosphate ions sorption in soil*“, 17th Romanian International Conference Chemistry and Chemical Engineering, S5-AP15, Sinaia, septembrie 2011
19. Cristina Modrogan, **Alexandra Raluca Miron**, Oanamari Daniela Orbuleț, Cristina M. Costache, „*Removal of organic matter from wastewater by activated sludge process*“, 17th Romanian International Conference Chemistry and Chemical Engineering, S5-AP13, Sinaia septembrie 2011
20. Oanamari D. Orbuleț, Cristina Modrogan, **Alexandra R. Miron**, Giani D. Apostol, Cristina M. Costache, Rodica Stănescu, Ionel Constantinescu, „*The pH influence on phosphates sorption in soil*“, 15th World fertilizer congress of the international scientific centre for fertilizers (CIEC) – Meeting the fertilizer demand on a changing globe: biofuels, climate change and contaminants-București, 29 august-02 septembrie 2011
21. Cristina Modrogan, **Alexandra Raluca Miron**, Oanamari Daniela Orbuleț, Cristina M. Costache, „*A review on removal of hexavalent chromium from aqueous phase by ion exchange and adsorption techniques*“, International Symposium - The environment and industry, I-P-6, noiembrie 2011, București