

LISTA DE LUCRĂRI LA CONFERINTE SI CONGRESE

SIMONESCU, S. CLAUDIA MARIA - Dr. din 2005, Profesor din 2015

- 1.** Șerban, G.-V., **Simonescu, C.M.**, Păun, I., Pîrvu, F., Iancu, V.-I., Niculescu, M., Chiriac, F.L., Elimination of Methylene Blue from Synthetic Aqueous Solutions by Adsorption on Chitosan Compounds with Synthetic Hydroxyapatites, INTERNATIONAL SYMPOSIUM “THE ENVIRONMENT AND THE INDUSTRY”, E-SIMI 2022, BOOK OF ABSTRACTS, Section Sustainable Environmental Technologies 20, DOI: <http://doi.org/10.21698/simi.2022.ab03>
- 2.** **Simonescu C. M.**, Stancu M., Camelia C., *Kinetics and equilibrium studies for the removal of zinc from aqueous solutions by chitosan*, Proceedings of the 16th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE XVI), Ed. Printech, Bucharest 16 – 20 September 2009, S.V.30-S.V.38, ISBN: 978-606-521-349-4
- 3.** Stănescu R., **Simonescu C. M.**, Văireanu D., *Impact Assesment of the REACH Regulation (No. 1907/2006) on the Romanian Companies*, Proceedings of the 16th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE XVI), Ed. Printech, Bucharest 16 – 20 September 2009, S.V.2-S.V.8, ISBN: 978-606-521-349-4
- 4.** Căpățînă C., Șchiopu E.C., **Simonescu C. M.**, *The Influence of the Rovinari Exploitation Quarry, District of Gorj, Romania, Over the Water Quality of the River Jiu, Romania*, Proceedings of the 13th International Conference on Environment and Mineral Processing – Part II (2009) 141-146, 4.06-6.06.2009, Ostrava, Czech Republic; ISBN 978-80-248-1995-2
- 5.** Căpățînă C., Șchiopu E.C., **Simonescu C. M.**, *The Chemical Determinations of the Urban Used Waters, Romania*, Proceedings of the 13th International Conference on Environment and Mineral Processing –Part II (2009) 131-136, 4.06-6.06.2009, Ostrava, Czech Republic, ISBN 978-80-248-1995-2
- 6.** Deleanu C., **Simonescu C. M.**, Căpățînă C., *Adsorption of Ni(II) ions from aqueous solutions onto chitosan*, Proceedings of the 12th International Conference on Environment and Mineral Processing – Part I (2008) 41-46, 5.06-7.06.2008, Ostrava, Czech Republic; Editori: Fečko Peter, Čablik Vladimír, ISBN 978-80-248-1775-0
- 7.** Căpățînă C., **Simonescu C. M.**, *The recycling of wood industrial waste for concretes obtaining*, Proceedings of the 12th International Conference on Environment and Mineral Processing –Part I (2008) 145-148, 5.06-7.06.2008, Ostrava, Czech Republic;; Editori: Fečko Peter, Čablik Vladimír, ISBN 978-80-248-1775-0
- 8.** Căpățînă C., **Simonescu C. M.**, *The recycling of glass fibre wastes*, Proceedings of the 12th International Conference on Environment and Mineral Processing –Part I (2008) 311-314, 5.06-7.06.2008, Ostrava, Czech Republic; Editori: Fečko Peter, Čablik Vladimír, ISBN 978-80-248-1775-0
- 9.** Deleanu C., **Simonescu C. M.**, Căpățînă C., *Comparative study on the adsorption of Cu(II) ions onto chitosan and chemical modified chitosan*, Proceedings of the 12th International Conference on Environment and Mineral Processing – Part III (2008) 201-207, 5.06-7.06.2008, Ostrava, Czech Republic; Editori: Fečko Peter, Čablik Vladimír, ISBN 978-80-248-1777-4

10. Simonescu C. M., Deleanu C., Ungureanu S., Căpățină C., *Copper removal from wastewaters by Amberlite IRC-748 – a chelating resin*, Simpozion Internațional Mediul și Industria, 25-27 octombrie, lucrare publicată în volumul I, Editura Estfalia București (2007) 175-179, ISSN 1843-5831

11. Căpățină C., Simonescu C. M., *Domestic wastes management*, Proceedings of the 11th International Conference on Environment and Mineral Processing –Part II (2007) 143-146, 31.05-2.06.2008, Ostrava, Czech Republic, Editori: Fečko Peter, Čablik Vladimír, ISBN 978-80-248-1278-6

12. Căpățină C., Simonescu C. M., *Glasses for immobilization of radioactive wastes*, Proceedings of the 10th International Conference on Environment and Mineral Processing, 22-24.06.2006, 4 pg., Ostrava, Czech Republic, 2006;

13. Simonescu C. M., Bunea M. V., Chivu R. M., Deleanu C., Nagârd D., A –I. Moise, *A comparative study of copper removal from wastewaters using Amberlite IRC 748 – a chelating resin and Lewatite S 100 – a strong cation resin*, Analele Universității din Oradea – fascicula Chimie – XII (2005) 168-179, ISSSN 1224-7626 (revista națională cotate CNCSIS categoria D);

14. Mocioi M., Albu A. M., Mateescu C., **Simonescu C. M.**, Rusen E., Marculescu B., Iosipenco N., *Studies on Adsorptive Removal of Chromium using Chelatogenes Polymeric Structures*, lucrare prezentată la International Conference Energy-Environment CIEM 2005 și publicată pe CD Editura Universul Energie (2005) ISBN 973-86948-5-X

15. Simonescu C. M., Deleanu C., Nagârd D., Moise A. I., *Îndepărtarea nichelului din apele reziduale cu ajutorul rășinii chelatice Amberlit IRC 748 – Simpozion Internațional Mediul și Industria*, 19-21 octombrie 2005, lucrare publicată în suplimentul volumului II, Editura Estfalia București, editori: Margareta Nicolau, Ballo Aurelia, Dudă Sanda (2005) 62-69, ISBN 973-7681-00-2

16. Simonescu C. M., Deleanu C., Bobirică L., Melinescu A., Giurginca M., *Bentonite and Na-bentonite used in ammonium removal from wastewaters*, Proceedings of 14th Romanian International Conference of Chemistry and Chemical Engineering (RICCCE XIV) 6 (2005) S06-262 – S06-269, Ed. Printech, Bucharest 22 – 24 September 2005, ISBN: 973-718-284-7, ISBN: 973-718-288-X

17. Mocioi M., Albu A. M., Mateescu C., **Simonescu C. M.**, Rusen E., Mărculescu B., *Synthesis and Characterization a New Metal Chelating Polymers for Cations Complexation*, lucrare prezentată la Congresul IUPAC – 1pg., Paris 2004;

18. Simonescu C. M., Mocioi M., *The use of Clinoptilolite for Ammonium Removal in Water Purification*, 13th Romanian International Conference on Chemistry and Chemical Engineering RICCCE13 vol. 1 (2003) 126-131, București, sept. 2003;

19. Mocioi M., Bălăcianu F., **Simonescu C. M.,** *Experimental techniques for P-removal and recovery from wastewaters*, vol. celui de-al V-lea Simpozion cu tema Ecologie-Coroziune-Acoperiri Galvanice cu participare Internațională sub patronajul MEC (2003) 101-108, 1-3 oct. 2003;

20. Simonescu C. M., Mocioi M., Bălăcianu F., *The methods for volatile organic compounds removal and recovery from wastewaters*, vol. celui de-al V-lea Simpozion cu tema Ecologie-Coroziune-Acoperiri Galvanice cu participare Internațională sub patronajul MEC (2003) 109-116, 1-3 oct. 2003;

21. Turtoi D., G. Zăinescu, Tudorache E., Belcu M., Mocioi M., Simonescu C. M., *The Recovery of Chromium from tannery Wastewaters*, 12th Romanian International Conference on Chemistry and Chemical Engineering RICCCE 12, Bucharest, Romania, September 13-15, (2001) 60-65, RELANSIN 1400

6^o. COMUNICĂRI ȘIINȚIFICE NEPUBLICATE (E)

E1. **Claudia-Maria Simonescu**, Elișoara Narcissa Toma, Ioan Călinescu, David-Daniel Neagu, Valorization of Mining Tailings by Adsorption on Calcium Alginate, lucrare prezentată ca poster la 23rd Romanian International Conference on Chemistry and Chemical Engineering, Constanta, Mamaia, 4-7 Septembrie 2024

E2. Anca Răzvan, **Claudia Simonescu**, Florina Dumitru, Daniela C. Culita, Ovidiu Oprea, Novel PMOs Materials as Highly Efficient Adsorbents, lucrare prezentată ca poster la 23rd Romanian International Conference on Chemistry and Chemical Engineering, Constanta, Mamaia, 4-7 Septembrie 2024

E3. C. Tardei, **C. M. Simonescu**, F. Grigore, D. Tălpeanu, M. Dragne, *Experimental Study on Efficiency of Different Synthetic Hydroxyapatite Powders for Lead Removal from Aqueous Solutions*, Abstract Book, The 8th International Conference on Advanced Materials, ROCAM 2015, 7-10 JULY 2015, BUCHAREST, ROMANIA, Editura GRANADA, 2015, pg. 126, ISSN 1842-3574

E4. B.A. Sava, C. Tardei, **C.M. Simonescu**, A. Cucuș, L. Boroica, Hydroxyapatite Nanopowders Obtained by Sol-Gel Method. Synthesis and Properties, Abstract Book, The 8th International Conference on Advanced Materials, ROCAM 2015, 7-10 JULY 2015, BUCHAREST, ROMANIA, Editura GRANADA, 2015, pg. 131, ISSN 1842-3574

E5. Deleanu C., **Simonescu C. M.**, Iordache C., Stanescu V., *Removal of Cu(II) and Ni(II) ions from aqueous solutions using chitosan and chemical modified chitosan*, Book of Abstracts of the International Conference Environmental Pollution and its Impact on Public Health 16-19 July 2008, Brasov, Romania, Ed. Universitatii Transilvania (editură acreditată de CNCIS), ISBN 978-973-598-324-6, pg. 224;

E6. **Simonescu C. M.**, Teodorescu V. Ș., Patron L., Căpățînă C., *Fabrication of Copper Sulfide Nanocrystals in the Presence of a Nonionic Surfactant* - Proceedings of The 5th Conference "New Trends in Material Science" ARM-5- vol II, 5-7 sept. 2007, Sibiu, editor: Wilhelm Kappel, pp. 635;

E7. **Simonescu C. M.**, Teodorescu V. Ș., Patron L., Căpățînă C., *Surfactant-Assisted Growth of Crystalline Copper Sulfide* - Proceedings of The 5th Conference "New Trends in Material Science" ARM-5- vol III, 5-7 sept. 2007, Sibiu, editor: Wilhelm Kappel, pp. 797;

E8. **Simonescu C. M.**, *New and Old in Our Department*, la Workshopul "Sustainable Development and Production", 13-14 noiembrie 2006, Lundt, Suedia.

E9. **Simonescu C. M.**, Patron L., Carp O., *Oxidarea termică a CuS*, al 15-lea Simpozion anual de Comunicări Științifice al Comisiei de Analiză Termică și Calorimetrie - Academia Română, 17.02.2006;

E10. **Mocioi M.**, **Simonescu C. M.**, Bălăcianu F., *Noi tehnici de eliminare a nutrienților din apele uzate*, Seminar "Metode moderne de tratare a apelor industriale uzate", Envirochimie-UPB, Ministerul Agriculturii, Pădurilor, Apelor și Mediului (2003) 6, 3-4 decembrie 2003

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