

LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE,
PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT

Ing. *Andreea-Emeline* GABOR

1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)

2019

1. P. Negrea, **A. Gabor**, C.M. Davidescu, M. Ciopec, A. Negre, N. Duteanu, „Kinetics and thermodynamics modeling of Nd(III) removal from aqueous solution using modified Amberlite XAD7”, *Journal of Rare Earths*, in press (IF-2.524)

2018

2. A. Negrea, **A. Gabor**, C.M. Davidescu, M. Ciopec, P. Negrea, N. Duteanu, A. Barbulescu, „Rare Earth Elements Removal From Water Using Natural Polymers”, *Scientific Reports-Nature*, no. 8:316, pp. 1-11, 2018, doi: 10.1038/s41598-017-18623-0 (Q1) (IF-4.122).
3. M. Ciopec, **A. Gabor**, C.M. Davidescu, A. Negrea, P. Negrea, N. Duteanu, „Eu(III) removal by tetrabutylammonium di-hydrogen phosphate (TBAH2P) functionalized polymers”, *Arabian Journal of Chemistry*, 2018, doi: <https://doi.org/10.1016/j.arabjc.2018.12.005>, on line(Q2) (IF-2.969).

2017

4. **A. Gabor**, C.M. Davidescu, A. Negrea, M. Ciopec, C. Muntean, P. Negrea, C. Ianasi, M. Butnariu, „Magnesium silicate doped with environmentally friendly extractants used for rare earth elements adsorption, Desalination and water treatment”, no. 63, pp. 124–134, 2017 (ISSN: 1944-3994), (Q3)(IF-1.383).
5. C.M. Davidescu, **A. Gabor**, A. Negrea, M. Ciopec, P. Negrea, M. Motoc, „Novel absorbent used for cesium removal from aqueous solutions”, *Revista de chimie*, no. 68(3), pp. 470-473, 2017 (ISSN: 0034-7752), (Q3) (IF-1.412).
6. **A. Gabor**, C.M. Davidescu, A. Negrea, M. Ciopec, I. Grozav, P. Negrea, N. Duțeanu, „Optimizing the Lanthanum adsorption process onto chemically modified biomaterials using factorial and response surface design”, *Journal of Environmental Management*, no. 204, pp. 839-844, 2017 (ISSN: 0301-4797), doi:10.1016/j.jenvman.2017.01.046,(Q1) (IF-4.005).

2016

7. **A. Gabor**, C.M. Davidescu, A. Popa, A. Negrea, M. Ciopec, M. Motoc, L. Lupa, P. Negrea, „Equilibrium studies for crown ether impregnated solid support used in the removal process of Nd(III), La(III), Sr(II), Tl(I), Eu(III)”, *Revista de chimie*, no. 67(3), pp. 580-583, 2016(Q3) (IF-1.412).
8. P. Negrea, A. Negrea, M. Motoc, M. Ciopec, **A. Gabor**, C. Muntean, „Influence of pH on enzymatic extract with allelopathic potential”, *Revista de chimie*, no. 67(2), pp. 372-374, 2016(Q3) (IF-1.412).
9. M. Pentea, I. Sărac, I. Samfira, A. Negrea, M. Ciopec, M. Motoc, **A. Gabor**, P. Negrea, „Studies concerning disposal radionuclides by adsorption rabbit bone meal”, *Revista de chimie*, no. 67(5), pp. 967-970, 2016(Q3) (IF-1.412).
10. **A. Gabor**, C.M. Davidescu, A. Negrea, M. Ciopec, P. Negrea, M. Butnariu, „Separation of La(III) using functionalized material on fixed bed column”, *Revista de chimie*, no. 67(11), pp. 2225-2227, 2016(Q3) (IF-1.412).
11. **A. Gabor**, C.M. Davidescu, A. Negrea, M. Ciopec, C. Muntean, N. Duțeanu, P. Negrea, „Sorption properties of Amberlite XAD7 functionalized with sodium β -glycerophosphate”, 16th International Conference on Polymers and Organics Chemistry (POC-16), Hersonissos, Crete, Greece, 13–16 June 2016, *Pure and Applied Chemistry*, no. 88(12), pp. 1143-1154, 2016(Q1) (IF-5.294).

2015

12. **A. Gabor**, C.M. Davidescu, A. Negrea, M. Ciopec, M. Butnariu, C. Ianasi, C. Muntean, P. Negrea, „Lanthanum separation from aqueous solutions using magnesium silicate functionalized with

tetrabutylammonium dihydrogen phosphate”, *Journal of Chemical & Engineering Data*, no. 61, pp. 535-542, 2015 (Q2)(IF-2.196).

13. **A. Gabor**, C.M. Davidescu, A. Negrea, M. Ciopec, L. Lupa, „Behaviour of silica and florasil as solid supports in the removal process of As(V) from aqueous solutions”, *Journal of Analytical Methods in Chemistry*, pp. 1-9,2015,(Q3) (IF-1.262).

2. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate Web of Science-WoS (ISI) Proceedings

2016

1. **A. Gabor**, C.M. Davidescu, A. Negrea, M. Ciopec, P. Negrea, „Use of magnesium silicate functionalized with thiourea for Sr(II) and Tl(I) removal from polluted water” in *WIT Transactions on Ecology and the Environment, Water pollution XIII*, vol. 209, pp.197-207, 2016 (Library, Scopus, EBSCO, IEEE Xplore, Thomson Reuters Conference Proceedings Citation Index-Science (ISI Web of Science))

3. Lucrări științifice publicate în reviste de specialitate indexate BDI(cu specificarea BDI)

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4. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate BDI(cu specificarea BDI)

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- 2.

5. Lucrări științifice publicate în volumele unor manifestări științifice internaționale (Proceedings) din străinătate

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- 2.

6.Lucrări științifice publicate în volumele unor manifestări științifice

2016

1. 16th International Conference on Polymers and Organics Chemistry (POC-16), Hersonissos, Creta, Grecia, 13-16 iunie 2016, Pure and Applied Chemistry
2. 13th International Conference on Modelling, Monitoring and Management of Water Pollution “Water Pollution 2016”, 27-29 iunie 2016, Veneția, Italia, Wessex Institute of Technology, UK

2015

3. 21st International Symposium on Analytical and Environmental Problems, 28 septembrie 2015, Szeged, Ungaria, University of Szeged, Departament of Inorganic and Analytical Chemistry
4. The IIIrd International Conference on Methods and Materials for Separation Processes „Separation Science-Theory and Practice 2015”, 6-10 sepetembrie 2015, Karpacz, Polonia, Wroclaw University of Technology, Faculty of Chemistry
5. The 8th Edition of the symposium with international participation „New Trends and Startegies in the Chemistry of Advanced Materials with Relevance in Biological Systems, Technique and Environmental Protection”, 4-5 iunie 2015, Timișoara, Institutul de ChimieTimișoara al AcademieiRomâne

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