

Yuliya Dzyazko

Profile information of editors team

1. Academic degree

Prof. (i.e. doctor khimicheskikh nauk)

2. Current Position and affiliation

Leading researcher, V.I. Vernadskii Institute of General and Inorganic Chemistry of the NAS of Ukraine

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4. Research interests

Membranes and membrane technologies, sorption materials and sorption processes

5. Member of Editorial Boards

Ukrainian Food Journal

6. Selected Publications (5-10)

- a) Dzyazko Yu.S., Ponomaryova L.N., Volkovich Yu.M., Sosenkin V.E., Belyakov V.N. Polymer Ion-Exchangers Modified with Zirconium Hydrophosphate for Removal of Cd²⁺ Ions from Diluted Solutions // *Separ. Sci. Technol.* – 2013. – V. 48, N 14. – P. 2140-2149.
- b) Dzyazko Yu.S., Rudenko A.S., Yukhin Yu.M., Palchik A.V., Belyakov V.N. Modification of ceramic membranes with inorganic sorbents. Application to electro-dialytic recovery of Cr(VI) anions from multicomponent solution // *Desalination.* – 2014. – V. 342. – P. 43-51.
- c) Dzyazko Y.S., Ponomaryova L.N., Rozhdestvenskaya L.M., Vasilyuk S.L., Belyakov V.N. Electrodeionization of low-concentrated multicomponent Ni²⁺-containing solutions using organic-inorganic ion-exchangers // *Desalination* – 2014. – V. 342. – P. 52-60.
- d) Dzyazko Yu. S., Ponomaryova L. N., Volkovich Yu. M., Trachevskii V.V., Palchik A. V. Ion-exchange resin modified with aggregated nanoparticles of zirconium hydrophosphate. Morphology and functional properties // *Microporous and Mesoporous Materials.* – 2014. – V. 198. – P. 55-62.

- e) Dzyazko Yu.S., Volkovich Yu. M., Sosenkin V. E, Nikolskaya N.F., Gomza Yu.P. Composite inorganic membranes containing nanoparticles of hydrated zirconium dioxide for electrodialytic separation // *Nanoscale Research Letters*. – 2014. –V. 9, N 1. –P. 271-282.
- f) Dzyazko Yu. S. , Rozhdestvenskaya L.M., Zmievsii Yu. G. , Vilenskii A.I., Myronchuk V.G., Kornienko L.V., Vasilyuk S.L., Tsyba N.N. Organic-inorganic materials containing nanoparticles of zirconium hydrophosphate for baromembrane separation // *Nanoscale Research Letters*. – 2015. – V. 10. – P. 64-75.
- g) Dzyazko Yu., Rozhdestveskaya L., Zmievsii Yu., Volkovich Yu., Sosenkin V., Nikolskaya N., Vasilyuk S., Myronchuk V., Belyakov V. Heterogeneous Membranes Modified with Nanoparticles of Inorganic Ion-Exchangers for Whey Demineralization // *Materials Today: Proceedings*. –2015. – V. 2, N 6, – P. 3864–3873.
- h) Dzyazko Yu. S., Volkovich Y.M., Ponomaryova L.N., Sosenkin V.E., Trachevskii V.V., Belyakov V.N. Composite ion-exchangers based on flexible resin containing zirconium hydrophosphate for electromembrane separation // *J. Nanosci. Technol.* – 2016. – V. 2, N 1. – P. 43-49.
- i) Myronchuk V.G., Dzyazko Yu.S., Zmievsii Yu.G., Ukrainets A.I., Bildukevich A.V., Kornienko L.V., Rozhdestvenskaya L.M., Palchik A.V. Organic-inorganic membranes for filtration of corn distillery // *Acta Periodica Technologica*– 2016. – V. 47. – P. 153-165.
- j) Zmievsii Yu., Dzyazko Yu., Myronchuk V., Rozhdestvenskaya L., Vilenskii A., Kornienko L. Fouling of polymer and organic-inorganic membranes during filtration of corn distillery // *Ukrainian Food Journal*. – 2016. – V.5, N 4. – P. 739-747.

7. Google Scholar or Scopus or Orcid or ResearcherID or ResearchGate or LinkedIn

<https://scholar.google.com.ua/citations?user=7E8lt4QAAAAJ&hl=ru>