

## **Ihor Astrelin**

### **Profile information of editors team**

**1. Academic degree**

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**4. Research interests**

the theoretical and chemically-technological aspects of inorganic salts, acids, organically-mineral fertilizers, catalysts, sorbents, nanocomposites, coagulants, water preparation and purification, utilization processing of alumina, titanium, textile, oil-processing, phosphate wastes industries, products and sludges of water purification processes

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## 6. Selected Publications

- T. Obushenko, N. Tolstopalova, O. Kulesha, I. Astrelin Thermodynamic studies bromphenol blue removal from water using solvent sublation //CHEMISTRY & CHEMICAL TECHNOLOGY .– 2016.–Vol. 10.– №. 4.–C.515-518
- Makarchuk O.V., Dontsova T. A., Astrelin I. M. Magnetic Nanocomposites as Efficient Sorption Materials for Removing Dyes from Aqueous Solutions // // Nanoscale Research Letters, 2016, 11 (1), 161. DOI 10.1186/s11671-016-1364-2.
- Nagirnyak S.V., Lutz V.A., Dontsova T.A., Astrelin I.M. Synthesis and Characterization of Tin(IV) Oxide Obtained by Chemical Vapor Deposition Method // Nanoscale Research Letters, 2016, 11 (1), 343. DOI 10.1186/s11671-016-1547-x.
- Kyrii S. The Efficiency of Coagulation Treatment Wastewater by Reagent Obtained from Waste Alumina Production / Kyrii S., Kosogina I., Astrelin I., Kyrienko O. // Research bulletin of National Technical University of Ukraine “Kyiv Polytechnic Institute”. – 2015. – #6 (104). – P. 95–101. <http://bulletin.kpi.ua/article/view/51173>
- Nagirnyak S., Lutz V., Dontsova T., Astrelin I. The effect of the synthesis conditions on morphology of tin (IV) oxide obtained by vapor transport method // Springer Proceedings in Physics, 2016, 183, P. 331-341.
- Dontsova T.A., Ivanenko I., Astrelin I. Synthesis and characterization of titanium (IV) oxide from various precursors // Springer Proceedings in Physics, 2015, 167, P. 275-293.
- I.M. Ivanenko, T.A. Dontsova, I.M. Astrelin, and A.O. Perekos Synthesis of Magnetic Calcium-Containing Hexagonal Ferrites of Barium //Metallofizika i noveishie tekhnologii, 2016, Vol. 38, P. 751-762.

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

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Google Scholar

<https://scholar.google.com.ua/citations?user=0Bt1PFgAAAAJ&hl=uk>