

## **Zakhar Maletskyi**

### Profile information of editors team

1. Academic degree

PhD in Engineering, Water Treatment

2. Current Position and affiliation

Postdoctoral Fellow, Norwegian University of Life Sciences (NMBU)

3. Contacts

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4. Research interests

- Water quality assessment and monitoring
- Water and Wastewater treatment
- Water Reuse applying Membrane Biological Reactors (MBR)
- Material Science: Development & Characterization of Hybrid Materials
- Functional sorption and membrane materials
- Sustainable development and Climate change
- Properties of Natural Organic Matter
- Modeling, Calculation and Optimization of Membrane Processes
- Instrumental Methods of Analytical Chemistry

5. Member of Editorial Boards

6. Selected Publications

- Comparative assessment of drinking water producing technologies: sea water desalination applying membranes of different density. Fendri, F., Mitchenko, T. and Maletskyi, Z. 2010. Moscow, Russia : IWA, 2010. Proceedings of the IWA Conference "Water purification

and waste water treatment for settlements of XXI century: Technologies, Design Solutions and Utilization”.

- Human Right to Water in Countries with Transition Economy: Water Quality Monitoring Issues. Maletskyi, Z. and Mitchenko, T. 2014. Lisbon, Portugal : IWA, 2014. Proceedings of World Water Congress.
- Hybrid sorbents for iron removal process in RO technologies. Maletskyi, Z., et al. 2011. Amsterdam, Netherlands : ICOM, 2011. Proceedings of International Congress on Membranes and embrane Processes. p. 1744.
- Optimization of the reverse osmosis seawater demineralization technologies for a power producing industry. Fendri, Fredg, Mitchenko, Tatyana and Maletskyi, Zakhar. 2011. 1-3, s.l. : Taylor & Francis, 2011, Desalination and Water Treatment, Vol. 25, pp. 84-90. ISSN 1944-3994.
- Prevention of Iron fouling by feed water pretreatment with hybrid sorbent. Maletskyi, Z., et al. 2011. Aachen, Germany : IWA, 2011. Proceedings of 6th IWA Specialist Conference on Membrane Technology for Water & Wastewater Treatment.
- Properties of anion exchange resins exhausted by humic compounds. Maletskyi, Z., et al. 2011. 1-3, s.l. : Taylor & Francis, 2011, Desalination and Water Treatment, Vol. 25, pp. 78-83. ISSN 1944-3994.
- Varying seawater salinity as optimization factor in water demineralization and efficient way of municipal waste water utilization. Fendri, F., Mitchenko, T. and Maletskyi, Z. 2010. Istanbul, Turkey : IWA, 2010. Proceedings of IWA Regional Conference and Exhibition on Membrane Technology and Water Reuse. pp. 684-687.

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

<https://scholar.google.com.ua/citations?user=a7wS5dIAAAAJ&hl=uk>  
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