Pryazovskyi State Technical University



Eleonora Butenko

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RESEARCHER DATA

https://orcid.org/0000-0002-6296-2075
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https://scholar.google.com.ua/citations?view_op=new_profile&hl=uk

SCIENTIFIC INTERESTS / RESEARCH AREAS

Ecological situation of industrial regions
Sorptive treatment of wastewater
Synthetic anionic clays
Assessment of the impact of pollutants on natural waters
Development of technologies for the protection of natural waters

ACADEMIC DISCIPLINES

General and inorganic chemistry
Analytical chemistry of metallurgical production
Environmental chemistry and sanitary analysis
Biochemistry

EDUCATION

2007 - Donetsk National University, Faculty of Chemistry, Department of Analytical Chemistry. Specialist in Chemistry, Lecturer.
2020 - State Higher Educational Institution "Priazovskyi State Technical University", Translation (English and German). Master's degree.
2015 - 2018 - Doctoral studies at State Higher Educational Institution "Priazovskyi State Technical University", 21.06.01. - Environmental safety.
2011 - Scientific Research Institute of Environmental Problems, Kharkiv, 21.06.01. - Environmental safety. Candidate of Technical Sciences.
2007 - 2010 - Postgraduate studies at State Higher Educational Institution "Priazovskyi State Technical University", 21.06.01. - Environmental safety.

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ACADEMIC TITLES	2020 – Associate Professor of the Department of Chemical Technology and Engineering, State Higher Educational Institution "Priazovskyi State Technical University"
LABOR ACTIVITY INFORMATION (THE LAST 5 YEARS)	01.12.2018– present - State Higher Educational Institution "Priazovskyi State Technical University" - Head of the Department of Chemical Technology and Engineering.
OTHER POSITIONS AND ACTIVITIES	2013-2015 – Mariupol Humanitarian University, Department of Rational Environmental Management, Associate Professor
CERTIFICATION TRAININGS (FOR THE LAST 5 YEARS)	2023. State Higher Educational Institution«Priazovsky State Technical University». “Teaching under martial law: quality, creativity, tools of stress resistance”. Certificate No. KPK110-23. 2023. Platform of massive open online courses Prometheus. “Scientific communication in the digital age” Certificate No. b64bbe946e664eb3bdc3b31f737613d5 2024 Academy of Digital Development LLC. Course “Digital Skills for Education with Google: Part 2”. Certificate GDSFEC2-1075
PARTICIPATION IN INTERNATIONAL PROJECTS	-
LANGUAGES	Native language: Ukrainian Foreign languages: English, B2
PUBLICATIONS	**Total number: 152** **In the last 5 years: 60**

1. Butenko E.O., Dan O.L., Kapustin O.E. Method for purifying the gas phase from naphthalene // Pat. 127194 Ukraine, IPC (2006.01) B02D 53/02. – No. a 2021 00421. – appl. 04.02.2021; publ. 31.05.2023, Bull. No. 22
2. Voloshyn V.S., Butenko E.O. On the question of the methodology for assessing environmental risks // Ecological Sciences. – 2024. – P. 196-203
3. Butenko E.O., Kapustin O.E. Prospects for closed-cycle industrial ecology // Waste management system in a circular economy: financial, social, environmental and energy determinants: monograph / edited by A. S. Rosokhatoi, M. G. Minchenko. – Sumy: Sumy State University, 2023. – 313 p. (Monography section)

4. Butenko E. Investigation of the Sorption Properties of Synthetic Layered Double Hydroxides of Variable Composition for the Protection of Water Bodies from Organic and Inorganic Pollutants // 4th International Scientific Conference «Chemical Technology and Engineering» (June 26-29th, 2023, Ukraine, Lviv), Lviv, 2023. – P. 245-247

5. Butenko E., Kapustin A. Retroaldol cleavage over layered double hydroxides: effect of metal components on selectivity and activity // European Congress on Chemistry and Applied Science and International Conference on Catalysis and Chemical Engineering. – 2023 (Rome, Italy, 20-21 March 2023) – Rome, 2023. – P 81.

6. Butenko E., Kapustin A., Kapustina O. Kinetics and products composition of catalytic hydration of ethylene oxide in the presence of layered double hydroxides // Építôanyag = Journal of Silicate Based and Composite Materials = Epitoanyag. – 2021. –Vol. 73, N 1. – P. 9–12. (web of science).

7. Butenko E., Dan O., Neverova-Dziopak E., Kapustin A. Naphthalene Removal with Layered Double Hydroxides // Geomatics and environmental engineering. – 2020. –Vol. 14, N 2. –P. 19–30.

DATE OF COMPLETION

12.12.2024