



ACADEMIC TEACHER PROFESSIONAL EXPERIENCE

DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

1. Basic information

Name, surname:	Małgorzata Mironiuk
Grade / Title:	PhD
Scientific discipline	inżynieria chemiczna / chemical engineering
Faculty:	W3 Wydział Chemii / Faculty of Chemistry
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Link to home page and/or research profiles (Google Scholar, ResearchGate, etc.)	https://www.researchgate.net/profile/Małgorzata-Mironiuk

2. Publication record

Up to 10 most important papers published over the period of previous 10 years.

No.	Description (authors, publication title, journal / conference, DOI)	Publication year
1.	Małgorzata M. Mironiuk, Mateusz Samoraj, Anna Witek-Krowiak, Henryk Górecki, Konstantinos Moustakas, Katarzyna Chojnacka Processing of nuisance animal waste into agricultural products. Environmental Pollution. 2023, vol. 319, art. 120924, s. 1-10.	2023
2.	Mateusz Samoraj, Małgorzata M. Mironiuk, Anna Witek-Krowiak, Grzegorz K. Izydorzyc, Dawid S. Skrzypczak, Katarzyna Mikula, Sylwia B. Baśladyńska, Konstantinos Moustakas, Katarzyna Chojnacka Biochar in environmental friendly fertilizers - prospects of development products and technologies. Chemosphere. 2022, vol. 296, art. 133975,	2022
3.	Grzegorz K. Izydorzyc, Agnieszka Saeid, Małgorzata M. Mironiuk, Anna Witek-Krowiak, Krzysztof Kozioł, Ryszard Grzesik, Katarzyna Chojnacka Sustainable method of phosphorus biowaste management to innovative biofertilizers: a solution for circular economy of the future. Sustainable Chemistry and Pharmacy. 2022, vol. 27, art. 100634, s. 1-12.	2022
4.	Mateusz Samoraj, Małgorzata M. Mironiuk, Grzegorz K. Izydorzyc, Anna Witek-Krowiak, Daniel Szopa, Konstantinos Moustakas, Katarzyna Chojnacka The challenges and perspectives for anaerobic digestion of animal waste and fertilizer application of the digestate. Chemosphere. 2022, vol. 295, art. 133799, s. 1-19.	2022
5.	Grzegorz K. Izydorzyc, Katarzyna Mikula, Dawid S. Skrzypczak, Anna Witek-Krowiak, Małgorzata M. Mironiuk, Katarzyna Furman, Mateusz Gramza, Konstantinos Moustakas, Katarzyna Chojnacka Valorization of poultry slaughterhouse waste for fertilizer purposes as an alternative for thermal utilization methods. Journal of Hazardous Materials. 2022, vol. 424, Pt. A, art. 127328, s. 1-9.	2022
6.	Grzegorz K. Izydorzyc, Małgorzata M. Mironiuk, Sylwia B. Baśladyńska, Marcin Mikulewicz, Katarzyna Chojnacka	2021



	Hair mineral analysis in the population of students living in the Lower Silesia region (Poland) in 2019: comparison with biomonitoring study in 2009 and literature data. <i>Environmental Research</i> . 2021, vol. 196, art. 110441, s. 1-11.	
7.	Izabela M. Michalak, Małgorzata M. Mironiuk, Katarzyna Godlewska, Justyna Trynda, Krzysztof Marycz Arthrospira (Spirulina) platensis: an effective biosorbent for nutrients. <i>Process Biochemistry</i> . 2020, vol. 88, s. 129-137.	2020
8.	Katarzyna Mikula, Grzegorz K. Izydorczyk, Dawid S. Skrzypczak, Małgorzata M. Mironiuk, Konstantinos Moustakas, Anna Witek-Krowiak, Katarzyna Chojnacka Controlled release micronutrient fertilizers for precision agriculture – a review. <i>Science of the Total Environment</i> . 2020, vol. 712, art. 136365, s. 1-9.	2020
9.	Katarzyna Mikula, Grzegorz K. Izydorczyk, Dawid S. Skrzypczak, Małgorzata M. Mironiuk, Konstantinos Moustakas, Anna Witek-Krowiak, Katarzyna Chojnacka Controlled release micronutrient fertilizers for precision agriculture – a review. <i>Science of the Total Environment</i> . 2020, vol. 712, art. 136365, s. 1-9.	2020
10.	Grzegorz K. Izydorczyk, Urszula Sienkiewicz-Cholewa, Sylwia B. Baśladyńska, Daria Kocek, Małgorzata M. Mironiuk, Katarzyna Chojnacka New environmentally friendly bio-based micronutrient fertilizer by biosorption: from laboratory studies to the field. <i>Science of the Total Environment</i> . 2020, vol. 710, art. 136061, s. 1-50.	2020

3. Projects and grants

List of the most important 5 projects/grants with basic description including: title, source(s) of funding, name of the call, role in the project (e.g., principal investigator).

1.	Role in the project (e.g., principal investigator, work package leader, etc.)	Principal investigator
	Project title	“Phosphorous Recovery of Fertiliser from Dairy Processing Waste”
	Sources of funding	Horizon
	Name of the call	Marie Curie Actions MSCA-ITN-ETN European Training Network
	Implementation period	2019-2023
2.	Role in the project (e.g., principal investigator, work package leader, etc.)	Principal investigator
	Project title	Solutions for GHGs emissions mitigation for the mixed farming systems across different European climates
	Sources of funding	Horizon 2021
	Name of the call	ERA-NET 2021 Joint Call on Circularity
	Implementation period	2021-2024
3.	Role in the project (e.g., principal investigator, work package leader, etc.)	Principal Investigator
	Project title	Innovative fertilizers with micronutrients obtained by the method of biosorption designed for organic farming
	Sources of funding	National Center for Research and Development
	Name of the call	Tango V



	Implementation period	2022-2025
4.	Role in the project (e.g., principal investigator, work package leader, etc.)	Principal investigator
	Project title	Crops and natural products as sources of biologically active substances intended for the production of cosmetic, pharmaceutical and dietary supplements
	Sources of funding	National Center for Research and Development
	Name of the call	Biostrateg
	Implementation period	2016-2021
5.	Role in the project (e.g., principal investigator, work package leader, etc.)	Principal investigator
	Project title	New technology for obtaining plant production enhancers from protein hydrolysates
	Sources of funding	National Center for Research and Development
	Name of the call	POIG
	Implementation period	2013-2015

4. International experience

Brief description of international cooperation and experience (e.g., research stays, cooperation with foreign entities, coordination or participation in international projects or programmes, keynote speeches and presentations delivered at renowned international conferences, visiting professor stays, invited lectures).

No.	Description	Year(s)
1.	Cooperation with Beia Consult International, R&D Department, Romania	2023
	Cooperation with NCDO-INOE 2000, Research Institute for Analytical Instrumentation, Romania	2023
	Cooperation with University College Dublin, UCD School of Agriculture and Food Science, Dublin, Ireland	2023
	Cooperation with Kajaani University of Applied Sciences, Finland	2021-present
2.	Cooperation with University of Agricultural Sciences and Veterinary Medicine of Bucharest, Romania	2021-present
3.	Cooperation with Universidad Politécnica de Cartagena, Spain	2021-present
4.	Cooperation with National Technical University of Athens School of Chemical Engineering, Athens, Greece	2020-present

5. Experience in teaching doctoral students

Brief description of experience in teaching doctoral students (e.g., courses in doctoral schools and PhD studies, summer/winter schools for doctoral students, tutorials, trainings, etc.).

No.	Description	Year(s)
1.	Practical aspects of the operation of an accredited research laboratory	2018-2022

6. List of supervised doctoral students

List of all supervised doctoral students that defended the PhD including: name of the student, dissertation title, year of awarding PhD.



No.	Name, surname	Dissertation title	Year of awarding PhD
1.	-	-	-

7. Prizes and awards

The most important national and international prizes and awards related to research, development and teaching activities.

No.	Description	Year
1.	Award of the Rector of Wrocław University of Technology	2021
2.	Winner of the second edition of the Secundus program in the scientific discipline of chemical engineering	2021

8. Other significant achievements

Information on other significant achievements related to research, development and teaching activities.

- Member of the Spectral Analysis Team of the Committee of Analytical Chemistry of the Polish Academy of Sciences for the term 2020-2023
- Since 2012, quality manager and deputy head of the Chemical Laboratory of Multielemental Analysis accredited by the Polish Centre for Accreditation