Wrocław University of Science and Technology
Doctoral School

ACADEMIC TEACHER PROFESSIONAL EXPERIENCE

DOCTORAL SCHOOL OF WROCŁAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

1. Basic information

Name, surname:	Grzegorz Izydorczyk
Grade / Title:	PhD
Scientific discipline	**inżynieria chemiczna / chemical engineering**
Faculty:	W3 Wydział Chemiczny / Faculty of Chemistry
Email address:	Grzegorz.izydorczyk@pwr.edu.pl
Link to home page and/or research profiles (Google Scholar, ResearchGate, etc.)	https://www.researchgate.net/profile/Grzegorz-Izydorczyk

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.	Grzegorz K. Izydorczyk, 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. ISSN: 0304-3894; 1873-3336	2022
2.	Grzegorz K. Izydorczyk, Małgorzata M. Mironiuk, Sylwia B. Baśladyńska, Daria Kocek, Anna Witek-Krowiak, Katarzyna Chojnacka: Quality of tap water in an urban agglomeration: 2- years' monitoring study in Wrocław, Poland. Urban Water Journal. 2022, vol. 19, nr 3, s. 285-298. ISSN: 1573-062X; 1744-9006	2022
3.	Grzegorz K. Izydorczyk, 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. ISSN: 2352-5541	2022
4.	Grzegorz K. Izydorczyk, Bartosz Ligas, Katarzyna Mikula, Anna Witek-Krowiak, Konstantinos Moustakas, Katarzyna Chojnacka: Biofortification of edible plants with selenium and iodine – a systematic literature review. Science of the Total Environment. 2021, vol. 754, art. 141983, s. 1-15. ISSN: 0048-9697; 1879-1026	2021
5.	Grzegorz K. Izydorczyk, Małgorzata M. Mironiuk, Sylwia B. Baśladyńska, Marcin Mikulewicz, Katarzyna Chojnacka: 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. Environmental Research. 2021, vol. 196, art. 110441, s. 1-11. ISSN: 0013-9351; 1096-0953	2021
6.	Claver Numviyimana, Jolanta K. Warchoł, Grzegorz K. Izydorczyk, Sylwia B. Baśladyńska, Katarzyna Chojnacka: Struvite production from dairy processing wastewater: optimizing reaction conditions and effects of foreign	2021

	ions through multi-response experimental models. Journal of the Taiwan Institute of Chemical Engineers. 2021, vol. 117, s. 182-189. ISSN: 1876-1070; 1876-1089	
7.	Grzegorz K. Izydorczyk, Katarzyna Mikula, Dawid S. Skrzypczak, Konstantinos Moustakas, Anna Witek-Krowiak, Katarzyna Chojnacka: Potential environmental pollution from copper metallurgy and methods of management. Environmental Research. 2021, vol. 197, art. 11050, s. 1-11. ISSN: 0013-9351; 1096-0953	2021
8.	Grzegorz K. Izydorczyk, Urszula Sienkiewicz-Cholewa, Sylwia B. Baśladyńska, Daria Kocek, Małgorzata M. Mironiuk, Katarzyna Chojnacka: New environmentally friendly biobased micronutrient fertilizer by biosorption: from laboratory studies to the field. Science of the Total Environment. 2020, vol. 710, art. 136061, s. 1-50. ISSN: 0048-9697; 1879-1026	2020
9.	Grzegorz K. Izydorczyk, Dawid S. Skrzypczak, Daria Kocek, Małgorzata M. Mironiuk, Anna Witek-Krowiak, Konstantinos Moustakas, Katarzyna Chojnacka: Valorization of bio-based post-extraction residues of goldenrod and alfalfa as energy pellets. Energy. 2020, vol. 194, art. 116898, s. 1-47. ISSN: 0360-5442; 1873-6785	2020
10.	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. Science of the Total Environment. 2020, vol. 712, art. 136365, s. 1-9. ISSN: 0048-9697; 1879-1026	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	Solutions for GHGs emissions mitigation for the mixed farming systems across different European climates
	Sources of funding	Horizon 202
	Name of the call	ERA-NET 2021 Joint Call on Circularity
	Implementation period	2021-2024
2.	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
3.	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
4.	Role in the project (e.g., principal investigator, work package leader, etc.)	principal investigator
	Project title	Development of initial product formulations: development of technology production of phosphorus biofertilizers based on renewable raw materials phosphorus raw materials (by microbial solubilization method)
	Sources of funding	National Center for Research and Development
	Name of the call	POIR
	Implementation period	2016-2020
5.	Role in the project (e.g., principal investigator, work package leader, etc.)	principal investigator
	Project title	Development of technology for the recovery of metals from copper ore smelting slags and use them in the production of fertilizers enriched with micronutrients, in accordance with the principles of a closed-loop economy.
	Sources of funding	National Center for Research and Development
	Name of the call	CuBR
	Implementation period	2018-2019

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 National Technical University of Athens	2020-2023
2.	Cooperation with University of Agricultural Sciences and Veterinary Medicine of Bucharest	2021-2023
3.	Cooperation with Universidad Politécnica de Cartagena	2021-2023

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.	Innovations in circular economy	2022/2023
2.	Statistical analysis in practice	2022/2023
3.	Advanced chemical analysis and imaging methods in scientific research	2022/2023

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.			
2.			
3.			

7. Prizes and awards

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

No.	Description	Year
1.		
2.		
3.		

8. Other significant achievements

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