

Name of the advisor: **Sylvia Fudala-Książek**

Academic title: **Ph.D.,DSc. Eng.,**

Orcid ID number: <https://orcid.org/0000-0002-0769-2826>

Department of **Sanitary Engineering**

Faculty of **Civil and Environmental Engineering**

Gdańsk University of Technology

Phone: **+ 58 348 63 62**

E-mail: **sksiazek@pg.edu.pl**

Personal web page: **-**

Disciplineⁱ **environmental engineering, mining and power engineering**

Bibliometric indicators

1.	Number of journal publications in WoS/ Scopus	13/26
2.	Citations (WoS/Scopus) excluding self-citations	161/197
3.	Hirsch index (WoS/Scopus)	6
4.	Hirsch index in Google Scholar	6
5.	Citations in Google Scholar	333

1. The number of PhD students who have graduated under your supervision: **none**

2. The number of PhD students currently supervised: **none**

3. Are you currently accepting new PhD students:

a. Polish **Yes**

b. Foreign **Yes**

Research interests or topics offered for PhD research (no more than 2000 characters)ⁱⁱ

- 1) Micropollutants removal by new technology
- 2) Physical-chemical aspects of sewage sludge stabilization
- 3) Microbial production of bio-based chemicals: a fermentation perspective
- 4) New technologies in industrial wastewater treatment

PhD Advisor form

Funding or special equipment needed to carry out a PhD project ⁱⁱⁱ:

1. Is funding available for experimental work: Yes
2. Is the equipment needed to complete a PhD project available in your lab/department: Yes

Most recent publications in WoS/SCOPUS journal – no more than 5 published after 1.01.2017

No	Authors/title/journal	Journal IF/Quartile – for WoS and SNIP/ CiteScore for SCOPUS	Publication year
1.	Fudala-Ksiazek S., Kulbat E., Luczkiewicz A., 2017. Nitrification, denitrification, and dephosphatation capability of activated sludge during co-treatment of intermediate-age landfill leachates with municipal wastewater. Environ Technol. 2017 May 3:1-11. doi: 10.1080/09593330.2017.1317842.	IF = 1,666; 5Y IF; Q1; Cite score	2017
2.	Fudala-Ksiazek S, Pierpaoli M, Luczkiewicz A, Fate and significance of phthalates and bisphenol A in liquid by-products generated during municipal solid waste mechanical-biological pre-treatment and disposal. Waste Management, 64:28-38.	IF=4,723; 5Y IF= 5,262; Q1; CiteScore= 4,94	2017
3.	Fudala-Ksiazek S., Sobaszek M., Luczkiewicz A., et al., Influence of the boron doping level on the electrochemical oxidation of raw landfill leachates: Advanced pre-treatment prior to the biological nitrogen removal. Chemical Engineering Journal, 334, 1074-184.	IF=6,735; 5Y IF=6,496; Q1; CiteScore= 7,01	2018
4.	Fudala-Ksiazek S., Pierpaoli M., Luczkiewicz A. 2018. Efficiency of landfill leachate treatment in a MBR/UF system combined with NF, with a special focus on phthalates and bisphenol A removal. Waste Management, 78, 94-103.	IF=4,723; 5Y IF=5,262; Q1; CiteScore= 4,94	2018
5.			

Most recent externally funded projects you were involved in – no more than 3

No	Project title, the name of the Princ. Investigator (PI) and the institution the project was carried out	Year awarded	Role in the project
1.	MORPHEUS (Model Areas for Removal of Pharmaceutical Substances in the South Baltic) STHB.02.02.00-SE-0038/16; Interreg South Baltic Programme 2014-2020 ERDF. The project is a part of the BSR pharmaceuticals platform, a flagship project of the EU Strategy for the Baltic Sea Region.	2017	co-PI
2.	DEZMETAN Development of the technology for preparation substrates used in methane co-fermentation by disintegration methods. NCBiR, Operational Program: Smart Growth 4.1.2 OP SG Regional scientific research agendas POIR.04.01.02-00-0022/17-00). PI - Assoc. Prof. Krzysztof Czerwionka, GUT	2018	co-PI

PhD Advisor form

3.	DIAOPS Effective removal of micro-pollutants from wastewater using electrochemical oxidation on nanocrystalline diamond anodes; Regional Fund for Environmental Protection and Water Management in Gdańsk, PI - Assoc. Prof. Robert Bogdanowicz, GUT	2018	R
Additional relevant information – (no more than 1600 characters)^{iv} (Please fill in here)			

ⁱ You may select up to two disciplines out of 12 disciplines represented in the Doctoral School

ⁱⁱ Observe the limit of not more than 300 words

ⁱⁱⁱ Leave only one answer

^{iv} Add any other relevant information eg. awards for PHD students whom you supervised (no more than 200 words)