

# Ewa Felis

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,458  
citations

394286

19  
h-index

330025

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. <i>Science of the Total Environment</i> , 2019, 648, 1052-1081.	3.9	328
2	Antimicrobial pharmaceuticals in the aquatic environment - occurrence and environmental implications. <i>European Journal of Pharmacology</i> , 2020, 866, 172813.	1.7	226
3	Small-scale wastewater treatment plants as a source of the dissemination of antibiotic resistance genes in the aquatic environment. <i>Journal of Hazardous Materials</i> , 2020, 381, 121221.	6.5	165
4	Wastewater treatment plants as a reservoir of integrase and antibiotic resistance genes – An epidemiological threat to workers and environment. <i>Environment International</i> , 2021, 156, 106641.	4.8	91
5	Oxidation of benzotriazole and benzothiazole in photochemical processes: Kinetics and formation of transformation products. <i>Chemical Engineering Journal</i> , 2016, 304, 852-863.	6.6	65
6	Degradation of benzotriazole and benzothiazole in treatment wetlands and by artificial sunlight. <i>Water Research</i> , 2016, 104, 441-448.	5.3	56
7	The effect of loading frequency and plants on the degradation of sulfamethoxazole and diclofenac in vertical-flow constructed wetlands. <i>Ecological Engineering</i> , 2018, 122, 187-196.	1.6	33
8	Removal of diclofenac and sulfamethoxazole from synthetic municipal waste water in microcosm downflow constructed wetlands: Start-up results. <i>International Journal of Phytoremediation</i> , 2016, 18, 157-163.	1.7	32
9	Application of UHPLC-MS/MS method to study occurrence and fate of sulfonamide antibiotics and their transformation products in surface water in highly urbanized areas. <i>Chemosphere</i> , 2021, 283, 131189.	4.2	32
10	Development of a new SLE-SPE-HPLC-MS/MS method for the determination of selected antibiotics and their transformation products in anthropogenically altered solid environmental matrices. <i>Science of the Total Environment</i> , 2020, 726, 138071.	3.9	31
11	R&D priorities in the field of sustainable remediation and purification of agro-industrial and municipal wastewater. <i>New Biotechnology</i> , 2015, 32, 128-132.	2.4	28
12	Degradation of Bisphenol A Using UV and UV/H <sub>2</sub> O <sub>2</sub> Processes. <i>Water Environment Research</i> , 2011, 83, 2154-2158.	1.3	27
13	The effect of temperature on the efficiency of industrial wastewater nitrification and its (geno)toxicity. <i>Archives of Environmental Protection</i> , 2016, 42, 27-34.	1.1	27
14	Removal and transformations of diclofenac and sulfamethoxazole in a two-stage constructed wetland system. <i>Ecological Engineering</i> , 2018, 122, 159-168.	1.6	25
15	Microbial and chemical pollutants on the manure-crops pathway in the perspective of “One Health” holistic approach. <i>Science of the Total Environment</i> , 2021, 785, 147411.	3.9	25
16	The treatment of wastewater containing pharmaceuticals in microcosm constructed wetlands: the occurrence of integrons (int1 <sup>+</sup> ) and associated resistance genes (sul1 <sup>+</sup> , qacE1 <sup>+</sup> ). <i>Environmental Science and Pollution Research</i> , 2017, 24, 15055-15066.	2.7	21
17	Resistance of <i>Escherichia coli</i> and <i>Enterococcus</i> spp. to selected antimicrobial agents present in municipal wastewater. <i>Journal of Water and Health</i> , 2013, 11, 600-612.	1.1	20
18	Detection of antibiotic resistance genes in wastewater treatment plant – molecular and classical approach. <i>Archives of Environmental Protection</i> , 2015, 41, 23-32.	1.1	20

#	ARTICLE	IF	CITATIONS
19	The impact of antimicrobials on the efficiency of methane fermentation of sewage sludge, changes in microbial biodiversity and the spread of antibiotic resistance. <i>Journal of Hazardous Materials</i> , 2021, 416, 125773.	6.5	20
20	Removal of analgesic drugs from the aquatic environment using photochemical methods. <i>Water Science and Technology</i> , 2009, 60, 2253-2259.	1.2	19
21	Removal and transformation of benzotriazole in manganese-oxide biofilters with Mn(II) feeding. <i>Chemosphere</i> , 2018, 212, 143-151.	4.2	18
22	Suspect screening of antimicrobial agents transformation products in environmental samples development of LC-QTrap method running in pseudo MRM transitions. <i>Science of the Total Environment</i> , 2022, 808, 152114.	3.9	17
23	Removal and transformation pathways of benzothiazole and benzotriazole in membrane bioreactors treating synthetic municipal wastewater. <i>Chemosphere</i> , 2019, 227, 162-171.	4.2	16
24	Isolation of Bacterial Endophytes from <i>Phalaris arundinacea</i> and their Potential in Diclofenac and Sulfamethoxazole Degradation. <i>Polish Journal of Microbiology</i> , 2018, 67, 321-331.	0.6	15
25	Solar-light driven photodegradation of antimicrobials, their transformation by-products and antibiotic resistance determinants in treated wastewater. <i>Science of the Total Environment</i> , 2022, 836, 155447.	3.9	15
26	The Effect of Antibiotics on Mesophilic Anaerobic Digestion Process of Cattle Manure. <i>Energies</i> , 2021, 14, 1125.	1.6	14
27	Degradation of Iodinated Contrast Media in Aquatic Environment by Means of UV, UV/TiO <sub>2</sub> Process, and by Activated Sludge. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 151.	1.1	13
28	Is Biochar from the Torrefaction of Sewage Sludge Hazardous Waste?. <i>Materials</i> , 2020, 13, 3544.	1.3	9
29	Photochemical Degradation of Sulfadiazine. <i>Archives of Environmental Protection</i> , 2013, 39, 79-91.	1.1	7
30	Heterogeneous Photocatalysis of Metronidazole in Aquatic Samples. <i>Molecules</i> , 2021, 26, 7612.	1.7	7
31	Identification of selected microorganisms from activated sludge capable of benzothiazole and benzotriazole transformation. <i>Acta Biochimica Polonica</i> , 2015, 62, 935-939.	0.3	6
32	Evidence of mutations conferring resistance to clarithromycin in wastewater and activated sludge. <i>3 Biotech</i> , 2020, 10, 7.	1.1	6
33	Removal and transformation of sulfamethoxazole in acclimated biofilters with various operation modes – Implications for full-scale application. <i>Chemosphere</i> , 2021, 280, 130638.	4.2	5
34	Degradation of Sulfamethoxazole Using UV and UV/H <sub>2</sub> O <sub>2</sub> Processes. <i>Journal of Advanced Oxidation Technologies</i> , 2015, 18, .	0.5	4
35	Detection of Sulfonamide Resistance Genes via in situ PCR-FISH. <i>Polish Journal of Microbiology</i> , 2014, 63, .	0.6	4
36	Supramolecular Solvent-Based Microextraction of Selected Anticonvulsant and Nonsteroidal Anti-Inflammatory Drugs from Sediment Samples. <i>Molecules</i> , 2020, 25, 5671.	1.7	3

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37	Elimination of Bisphenol A from Wastewater through Membrane Filtration Processes. Journal of Ecological Engineering, 2018, 19, 69-74.	0.5	3
38	Metagenomic Analysis of the Long-Term Synergistic Effects of Antibiotics on the Anaerobic Digestion of Cattle Manure. Energies, 2022, 15, 1920.	1.6	3
39	Development of a fast UHPLC-MS/MS for the analysis of selected priority micropollutants in wastewater samples. International Journal of Environmental Analytical Chemistry, 2021, 101, 59-78.	1.8	1
40	Detection of sulfonamide resistance genes via in situ PCR-FISH. Polish Journal of Microbiology, 2014, 63, 167-73.	0.6	1