Aneta Luczkiewicz

List of Publications by Year
in descending order

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41 papers	1,295 citations	394286 19 h-index	360920 35 g-index
43 all docs	43 docs citations	43 times ranked	1605 citing authors

#	Article	IF	Citations
1	Antimicrobial resistance of fecal indicators in municipal wastewater treatment plant. Water Research, 2010, 44, 5089-5097.	5.3	201
2	Electrochemical oxidation of PFOA and PFOS in landfill leachates at low and highly boron-doped diamond electrodes. Journal of Hazardous Materials, 2021, 403, 123606.	6.5	106
3	Biomass in biogas production: Pretreatment and codigestion. Renewable and Sustainable Energy Reviews, 2021, 150, 111509.	8.2	101
4	Antibiotic resistance and prevalence of class 1 and 2 integrons in Escherichia coli isolated from two wastewater treatment plants, and their receiving waters (Gulf of Gdansk, Baltic Sea, Poland). Environmental Science and Pollution Research, 2015, 22, 2018-2030.	2.7	82
5	Implementation of advanced micropollutants removal technologies in wastewater treatment plants (WWTPs) - Examples and challenges based on selected EU countries. Environmental Science and Policy, 2020, 112, 213-226.	2.4	71
6	Antimicrobial resistance of Pseudomonas spp. isolated from wastewater and wastewater-impacted marine coastal zone. Environmental Science and Pollution Research, 2015, 22, 19823-19834.	2.7	70
7	Nitrogen removal via the nitrite pathway during wastewater co-treatment with ammonia-rich landfill leachates in a sequencing batch reactor. Environmental Science and Pollution Research, 2014, 21, 7307-7318.	2.7	56
8	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. Environment International, 2020, 144, 106035.	4.8	55
9	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, 2018, 78, 94-103.	3.7	52
10	Drug-resistant and hospital-associated Enterococcus faecium from wastewater, riverine estuary and anthropogenically impacted marine catchment basin. BMC Microbiology, 2014, 14, 66.	1.3	50
11	A modern solid waste management strategy â€“ the generation of new by-products. Waste Management, 2016, 49, 516-529.	3.7	37
12	Carbon nanoarchitectures as high-performance electrodes for the electrochemical oxidation of landfill leachate. Journal of Hazardous Materials, 2021, 401, 123407.	6.5	35
13	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, 2017, 64, 28-38.	3.7	33
14	Landfill leachates and wastewater of maritime origin as possible sources of endocrine disruptors in municipal wastewater. Environmental Science and Pollution Research, 2019, 26, 25690-25701.	2.7	31
15	Antimicrobial resistance of fecal indicators in disinfected wastewater. Water Science and Technology, 2011, 64, 2352-2361.	1.2	28
16	Identification and antimicrobial resistance of Enterococcus spp. isolated from surface water. Water Science and Technology, 2010, 62, 466-473.	1.2	24
17	Pharmaceuticals and other contaminants of emerging concern in Admiralty Bay as a result of untreated wastewater discharge: Status and possible environmental consequences. Science of the Total Environment, 2022, 835, 155400.	3.9	24
18	The treatment of wastewater containing pharmaceuticals in microcosm constructed wetlands: the occurrence of integrons (int1â€“2) and associated resistance genes (sul1â€“3, qacEÎ”1). Environmental Science and Pollution Research, 2017, 24, 15055-15066.	2.7	21

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19	Resistance of Escherichia coli and Enterococcus spp. to selected antimicrobial agents present in municipal wastewater. Journal of Water and Health, 2013, 11, 600-612.	1.1	20
20	Environmental characteristics of a tundra river system in Svalbard. Part 1: Bacterial abundance, community structure and nutrient levels. Science of the Total Environment, 2019, 653, 1571-1584.	3.9	20
21	Diversity of fecal coliforms and their antimicrobial resistance patterns in wastewater treatment model plant. Water Science and Technology, 2010, 61, 1383-1392.	1.2	18
22	Influence of Cement Replacement with Sewage Sludge Ash (SSA) on the Heat of Hydration of Cement Mortar. Materials, 2022, 15, 1547.	1.3	18
23	Environmental characteristics of a tundra river system in Svalbard. Part 2: Chemical stress factors. Science of the Total Environment, 2019, 653, 1585-1596.	3.9	15
24	Heavy Metals in a High Arctic Fiord and Their Introduction with the Wastewater: A Case Study of Adventfjorden-Longyearbyen System, Svalbard. Water (Switzerland), 2020, 12, 794.	1.2	15
25	Simultaneous opto-electrochemical monitoring of carbamazepine and its electro-oxidation by-products in wastewater. Journal of Hazardous Materials, 2021, 419, 126509.	6.5	15
26	Ultrafiltration Process in Disinfection and Advanced Treatment of Tertiary Treated Wastewater. Membranes, 2021, 11, 221.	1.4	13
27	First evaluation of wastewater discharge influence on marine water contamination in the vicinity of Arctowski Station (Maritime Antarctica). Science of the Total Environment, 2021, 789, 147912.	3.9	10
28	Acclimation of denitrifying activated sludge to a single vs. complex external carbon source during a start-up of sequencing batch reactors treating ammonium-rich anaerobic sludge digester liquors. Biodegradation, 2014, 25, 881-892.	1.5	8
29	Analysis of the Radiation Dose in UV-Disinfection Flow Reactors. Water (Switzerland), 2020, 12, 231.	1.2	8
30	The evaluation of COD fractionation and modeling as a key factor for appropriate optimization and monitoring of modern cost-effective activated sludge systems. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 736-744.	0.9	7
31	Evidence of mutations conferring resistance to clarithromycin in wastewater and activated sludge. 3 Biotech, 2020, 10, 7.	1.1	6
32	Electrochemical Detection of 4,4â€™,5,5â€™-Tetranitro-1H,1â€™H-2,2â€™-Biimidazole on Boron-Doped Diamond/Graphene Nanowall Electrodes. IEEE Sensors Journal, 2020, 20, 9637-9643.	2.4	6
33	The microbial community, its biochemical potential, and the antimicrobial resistance of Enterococcus spp. in Arctic lakes under natural and anthropogenic impact (West Spitsbergen). Science of the Total Environment, 2021, 763, 142998.	3.9	6
34	Assessing the Risk in Urban Public Transport for Epidemiologic Factors. Energies, 2021, 14, 4513.	1.6	6
35	Insights into the microbial community of treated wastewater, its year-round variability and impact on the receiver, using cultivation, microscopy and amplicon-based methods. Science of the Total Environment, 2022, 829, 154630.	3.9	6
36	Electrochemical oxidation of landfill leachate using boron-doped diamond anodes: pollution degradation rate, energy efficiency and toxicity assessment. Environmental Science and Pollution Research, 2022, 29, 65625-65641.	2.7	6

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37	Antibiotic resistance in wastewater, does the context matter? Poland and Portugal as a case study. Critical Reviews in Environmental Science and Technology, 2022, 52, 4194-4216.	6.6	5
38	Kinetics of the Organic Compounds and Ammonium Nitrogen Electrochemical Oxidation in Landfill Leachates at Boron-Doped Diamond Anodes. Materials, 2021, 14, 4971.	1.3	4
39	Detection of Sulfonamide Resistance Genes via in situ PCR-FISH. Polish Journal of Microbiology, 2014, 63, .	0.6	4
40	Electrodes criticality: the impact of CRMs in the leachate electrochemical oxidation. Manufacturing Review, 2020, 7, 7.	0.9	2
41	Verification of Baffle Factor for Straight Pipe Flow. Archives of Hydroengineering and Environmental Mechanics, 2018, 65, 31-39.	0.5	0