Magdalena ZieliÅska

List of Publications by Year
in descending order

49	1,176	394421 19	395702 33
papers	citations	h-index	g-index

51	51	51	1585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial communities in full-scale wastewater treatment systems. World Journal of Microbiology and Biotechnology, 2016, 32, 66.	3.6	291
2	Aerobic granular sludge for bisphenol A (BPA) removal from wastewater. International Biodeterioration and Biodegradation, 2017, 122, 1-11.	3.9	64
3	Distillery Stillage: Characteristics, Treatment, and Valorization. Applied Biochemistry and Biotechnology, 2020, 192, 770-793.	2.9	53
4	Removal of bisphenol A (BPA) in a nitrifying system with immobilized biomass. Bioresource Technology, 2014, 171, 305-313.	9.6	52
5	Impact of temperature, microwave radiation and organic loading rate on methanogenic community and biogas production during fermentation of dairy wastewater. Bioresource Technology, 2013, 129, 308-314.	9.6	51
6	Community dynamics of denitrifying bacteria in full-scale wastewater treatment plants. Environmental Technology (United Kingdom), 2016, 37, 2358-2367.	2.2	50
7	Structure of nitrogen-converting communities induced by hydraulic retention time and COD/N ratio in constantly aerated granular sludge reactors treating digester supernatant. Bioresource Technology, 2014, 154, 162-170.	9.6	45
8	Use of Ceramic Membranes in a Membrane Filtration Supported by Coagulation for the Treatment of Dairy Wastewater. Water, Air, and Soil Pollution, 2017, 228, 173.	2.4	37
9	Treatment of the liquid phase of digestate from a biogas plant for water reuse. Bioresource Technology, 2019, 276, 226-235.	9.6	33
10	Effect of static magnetic field on microbial community during anaerobic digestion. Bioresource Technology, 2021, 323, 124600.	9.6	33
11	Treatment of high-ammonium anaerobic digester supernatant by aerobic granular sludge and ultrafiltration processes. Chemosphere, 2013, 90, 2208-2215.	8.2	29
12	Insights into mechanisms of bisphenol A biodegradation in aerobic granular sludge. Bioresource Technology, 2020, 315, 123806.	9.6	27
13	Nitrification in Activated Sludge Exposed to Static Magnetic Field. Water, Air, and Soil Pollution, 2017, 228, 126.	2.4	26
14	Impact of Operational Parameters on Bacterial Community in a Full-Scale Municipal Wastewater Treatment Plant. Polish Journal of Microbiology, 2012, 61, 41-49.	1.7	24
15	Adsorption â€“ Membrane process for treatment of stabilized municipal landfill leachate. Waste Management, 2020, 114, 174-182.	7.4	22
16	Valorisation of the selectively collected organic fractions of municipal solid waste in anaerobic digestion. Biochemical Engineering Journal, 2019, 148, 87-96.	3.6	21
17	Nitrogen removal from wastewater with a low COD/N ratio at a low oxygen concentration. Bioresource Technology, 2011, 102, 4913-4916.	9.6	20
18	Nitrogen removal from wastewater and bacterial diversity in activated sludge at different COD/N ratios and dissolved oxygen concentrations. Journal of Environmental Sciences, 2012, 24, 990-998.	6.1	20

#	Article	IF	Citations
19	Cycle length and COD/N ratio determine properties of aerobic granules treating high-nitrogen wastewater. Bioprocess and Biosystems Engineering, 2014, 37, 1305-1313.	3.4	20
20	Biogas production from different size fractions separated from solid waste and the accompanying changes in the community structure of methanogenic Archaea. Biochemical Engineering Journal, 2015, 100, 30-40.	3.6	20
21	Configuration of biological wastewater treatment line and influent composition as the main factors driving bacterial community structure of activated sludge. World Journal of Microbiology and Biotechnology, 2013, 29, 1145-1153.	3.6	17
22	The treatment of anaerobic digester supernatant by combined partial ammonium oxidation and denitrification. Desalination and Water Treatment, 2012, 37, 223-229.	1.0	16
23	Application of microwave radiation to biofilm heating during wastewater treatment in trickling filters. Bioresource Technology, 2013, 127, 223-230.	9.6	16
24	Microbial structure and nitrogen compound conversions in aerobic granular sludge reactors with non-aeration phases and acetate pulse feeding. Environmental Science and Pollution Research, 2016, 23, 24857-24870.	5.3	15
25	Ammonium removal on zeolite modified by ultrasound. Desalination and Water Treatment, 2016, 57, 8748-8753.	1.0	15
26	Bisphenol A Removal from Water and Wastewater. , 2019, , .		14
27	Recycling potential of air pollution control residue from sewage sludge thermal treatment as artificial lightweight aggregates. Waste Management and Research, 2014, 32, 221-227.	3.9	13
28	Use ofLecane inermisfor control of sludge bulking caused by theHaliscomenobactergenus. Desalination and Water Treatment, 2016, 57, 10916-10923.	1.0	13
29	Microbial composition of biofilm treating wastewater rich in bisphenol A. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 385-392.	1.7	13
30	Recovery of polyphenols from distillery stillage by microwave-assisted, ultrasound-assisted and conventional solidâ€“liquid extraction. Scientific Reports, 2022, 12, 3232.	3.3	13
31	Use of Lecane rotifers for limiting Thiothrix filamentous bacteria in bulking activated sludge in a dairy wastewater treatment plant. Archives of Biological Sciences, 2014, 66, 1371-1378.	0.5	11
32	Treatment of Liquid Phase of Digestate from Agricultural Biogas Plant in a System with Aerobic Granules and Ultrafiltration. Water (Switzerland), 2019, 11, 104.	2.7	10
33	Removal of phenanthrene and 4-phenylphenanthrene from wastewater in an integrated technological system. Desalination and Water Treatment, 2012, 50, 78-86.	1.0	8
34	Organic Compounds and Phosphorus Removal from Dairy Wastewater by Biofilm on Iron-Containing Supports. Journal of Environmental Engineering, ASCE, 2018, 144, .	1.4	8
35	Impact of operational parameters on bacterial community in a full-scale municipal wastewater treatment plant. Polish Journal of Microbiology, 2012, 61, 41-9.	1.7	8
36	Liquid fraction of digestate pretreated with membrane filtration for cultivation of Chlorella vulgaris. Waste Management, 2022, 146, 1-10.	7.4	8

#	ARTICLE	IF	CITATIONS
37	Impact of microwave radiation on nitrogen removal and quantity of nitrifiers in biofilmA paper submitted to the Journal of Environmental Engineering and Science.. Canadian Journal of Civil Engineering, 2010, 37, 661-666.	1.3	7
38	Post-Treatment of the Effluent from Anaerobic Digestion of the Leachate in Two-Stage SBR System Using Alternative Carbon Sources. Sustainability, 2021, 13, 6297.	3.2	6
39	Changes in the Ammonia-Oxidizing Bacteria Community in Response to Operational Parameters During the Treatment of Anaerobic Sludge Digester Supernatant. Journal of Microbiology and Biotechnology, 2012, 22, 1005-1014.	2.1	6
40	Membrane Bioreactor Technology: The Effect of Membrane Filtration on Biogas Potential of the Excess Sludge. Membranes, 2020, 10, 397.	3.0	5
41	Valorization of Distillery Stillage for Bioenergy Production: A Review. Energies, 2021, 14, 7235.	3.1	5
42	Processing of Distillery Stillage to Recover Phenolic Compounds with Ultrasound-Assisted and Microwave-Assisted Extractions. International Journal of Environmental Research and Public Health, 2022, 19, 2709.	2.6	3
43	Membrane Filtration of Effluent from a One-Stage Bioreactor Treating Anaerobic Digester Supernatant. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	2
44	Waste-organics supported treatment of nitrogen-rich digester supernatant. Journal of Water Process Engineering, 2020, 37, 101385.	5.6	2
45	Effect of the solvent on the extraction of polyphenols from distillery stillage and on their antioxidant activity. Acta Universitatis Lodziensis Folia Biologica Et Oecologica, 0, 17, 54-62.	1.0	1
46	Microbial Biodegradation and Metabolism of BPA. , 2019, , 61-78.		1
47	Biological Wastewater Treatment Technologies for BPA Removal. , 2019, , 79-101.		1
48	Impact of microwave radiation on nitrogen removal and quantity of nitrifiers in biofilm. Journal of Environmental Engineering and Science, 2013, 8, 520-525.	0.8	0
49	Challenges and development directions of membrane bioreactors operated on passenger ships in international shipping. Acta Universitatis Lodziensis Folia Biologica Et Oecologica, 0, 17, 42-47.	1.0	0