

Magdalena Zielińska

List of Publications by Year in descending order

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49
papers

1,176
citations

394390

19
h-index

395678

33
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51
all docs

51
docs citations

51
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Processing of Distillery Stillage to Recover Phenolic Compounds with Ultrasound-Assisted and Microwave-Assisted Extractions. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2709.	2.6	3
2	Recovery of polyphenols from distillery stillage by microwave-assisted, ultrasound-assisted and conventional solid-liquid extraction. <i>Scientific Reports</i> , 2022, 12, 3232.	3.3	13
3	Liquid fraction of digestate pretreated with membrane filtration for cultivation of <i>Chlorella vulgaris</i> . <i>Waste Management</i> , 2022, 146, 1-10.	7.4	8
4	Effect of static magnetic field on microbial community during anaerobic digestion. <i>Bioresource Technology</i> , 2021, 323, 124600.	9.6	33
5	Post-Treatment of the Effluent from Anaerobic Digestion of the Leachate in Two-Stage SBR System Using Alternative Carbon Sources. <i>Sustainability</i> , 2021, 13, 6297.	3.2	6
6	Valorization of Distillery Stillage for Bioenergy Production: A Review. <i>Energies</i> , 2021, 14, 7235.	3.1	5
7	Adsorption – Membrane process for treatment of stabilized municipal landfill leachate. <i>Waste Management</i> , 2020, 114, 174-182.	7.4	22
8	Membrane Bioreactor Technology: The Effect of Membrane Filtration on Biogas Potential of the Excess Sludge. <i>Membranes</i> , 2020, 10, 397.	3.0	5
9	Waste-organics supported treatment of nitrogen-rich digester supernatant. <i>Journal of Water Process Engineering</i> , 2020, 37, 101385.	5.6	2
10	Distillery Stillage: Characteristics, Treatment, and Valorization. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 770-793.	2.9	53
11	Insights into mechanisms of bisphenol A biodegradation in aerobic granular sludge. <i>Bioresource Technology</i> , 2020, 315, 123806.	9.6	27
12	Bisphenol A Removal from Water and Wastewater. , 2019, , .		14
13	Valorisation of the selectively collected organic fractions of municipal solid waste in anaerobic digestion. <i>Biochemical Engineering Journal</i> , 2019, 148, 87-96.	3.6	21
14	Membrane Filtration of Effluent from a One-Stage Bioreactor Treating Anaerobic Digester Supernatant. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	2
15	Treatment of the liquid phase of digestate from a biogas plant for water reuse. <i>Bioresource Technology</i> , 2019, 276, 226-235.	9.6	33
16	Treatment of Liquid Phase of Digestate from Agricultural Biogas Plant in a System with Aerobic Granules and Ultrafiltration. <i>Water (Switzerland)</i> , 2019, 11, 104.	2.7	10
17	Microbial Biodegradation and Metabolism of BPA. , 2019, , 61-78.		1
18	Biological Wastewater Treatment Technologies for BPA Removal. , 2019, , 79-101.		1

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19	Organic Compounds and Phosphorus Removal from Dairy Wastewater by Biofilm on Iron-Containing Supports. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	1.4	8
20	Microbial composition of biofilm treating wastewater rich in bisphenol A. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 385-392.	1.7	13
21	Aerobic granular sludge for bisphenol A (BPA) removal from wastewater. <i>International Biodeterioration and Biodegradation</i> , 2017, 122, 1-11.	3.9	64
22	Nitrification in Activated Sludge Exposed to Static Magnetic Field. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 126.	2.4	26
23	Use of Ceramic Membranes in a Membrane Filtration Supported by Coagulation for the Treatment of Dairy Wastewater. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 173.	2.4	37
24	Microbial structure and nitrogen compound conversions in aerobic granular sludge reactors with non-aeration phases and acetate pulse feeding. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24857-24870.	5.3	15
25	Community dynamics of denitrifying bacteria in full-scale wastewater treatment plants. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2358-2367.	2.2	50
26	Bacterial communities in full-scale wastewater treatment systems. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 66.	3.6	291
27	Ammonium removal on zeolite modified by ultrasound. <i>Desalination and Water Treatment</i> , 2016, 57, 8748-8753.	1.0	15
28	Use of <i>Lecane inermis</i> for control of sludge bulking caused by the <i>Haliscomenobacter</i> genus. <i>Desalination and Water Treatment</i> , 2016, 57, 10916-10923.	1.0	13
29	Biogas production from different size fractions separated from solid waste and the accompanying changes in the community structure of methanogenic Archaea. <i>Biochemical Engineering Journal</i> , 2015, 100, 30-40.	3.6	20
30	Recycling potential of air pollution control residue from sewage sludge thermal treatment as artificial lightweight aggregates. <i>Waste Management and Research</i> , 2014, 32, 221-227.	3.9	13
31	Removal of bisphenol A (BPA) in a nitrifying system with immobilized biomass. <i>Bioresource Technology</i> , 2014, 171, 305-313.	9.6	52
32	Structure of nitrogen-converting communities induced by hydraulic retention time and COD/N ratio in constantly aerated granular sludge reactors treating digester supernatant. <i>Bioresource Technology</i> , 2014, 154, 162-170.	9.6	45
33	Cycle length and COD/N ratio determine properties of aerobic granules treating high-nitrogen wastewater. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1305-1313.	3.4	20
34	Use of <i>Lecane</i> rotifers for limiting <i>Thiothrix</i> filamentous bacteria in bulking activated sludge in a dairy wastewater treatment plant. <i>Archives of Biological Sciences</i> , 2014, 66, 1371-1378.	0.5	11
35	Configuration of biological wastewater treatment line and influent composition as the main factors driving bacterial community structure of activated sludge. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 1145-1153.	3.6	17
36	Treatment of high-ammonium anaerobic digester supernatant by aerobic granular sludge and ultrafiltration processes. <i>Chemosphere</i> , 2013, 90, 2208-2215.	8.2	29

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37	Impact of temperature, microwave radiation and organic loading rate on methanogenic community and biogas production during fermentation of dairy wastewater. <i>Bioresource Technology</i> , 2013, 129, 308-314.	9.6	51
38	Application of microwave radiation to biofilm heating during wastewater treatment in trickling filters. <i>Bioresource Technology</i> , 2013, 127, 223-230.	9.6	16
39	Impact of microwave radiation on nitrogen removal and quantity of nitrifiers in biofilm. <i>Journal of Environmental Engineering and Science</i> , 2013, 8, 520-525.	0.8	0
40	Nitrogen removal from wastewater and bacterial diversity in activated sludge at different COD/N ratios and dissolved oxygen concentrations. <i>Journal of Environmental Sciences</i> , 2012, 24, 990-998.	6.1	20
41	Removal of phenanthrene and 4-phenylphenanthrene from wastewater in an integrated technological system. <i>Desalination and Water Treatment</i> , 2012, 50, 78-86.	1.0	8
42	The treatment of anaerobic digester supernatant by combined partial ammonium oxidation and denitrification. <i>Desalination and Water Treatment</i> , 2012, 37, 223-229.	1.0	16
43	Impact of Operational Parameters on Bacterial Community in a Full-Scale Municipal Wastewater Treatment Plant. <i>Polish Journal of Microbiology</i> , 2012, 61, 41-49.	1.7	24
44	Changes in the Ammonia-Oxidizing Bacteria Community in Response to Operational Parameters During the Treatment of Anaerobic Sludge Digester Supernatant. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 1005-1014.	2.1	6
45	Impact of operational parameters on bacterial community in a full-scale municipal wastewater treatment plant. <i>Polish Journal of Microbiology</i> , 2012, 61, 41-9.	1.7	8
46	Nitrogen removal from wastewater with a low COD/N ratio at a low oxygen concentration. <i>Bioresource Technology</i> , 2011, 102, 4913-4916.	9.6	20
47	Impact of microwave radiation on nitrogen removal and quantity of nitrifiers in biofilmA paper submitted to the <i>Journal of Environmental Engineering and Science</i> .. <i>Canadian Journal of Civil Engineering</i> , 2010, 37, 661-666.	1.3	7
48	Effect of the solvent on the extraction of polyphenols from distillery stillage and on their antioxidant activity. <i>Acta Universitatis Lodzianis Folia Biologica Et Oecologica</i> , 0, 17, 54-62.	1.0	1
49	Challenges and development directions of membrane bioreactors operated on passenger ships in international shipping. <i>Acta Universitatis Lodzianis Folia Biologica Et Oecologica</i> , 0, 17, 42-47.	1.0	0