

Magdalena Zielińska

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8092036/publications.pdf>

Version: 2024-02-01

49
papers

1,176
citations

394421

19
h-index

395702

33
g-index

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

#	ARTICLE	IF	CITATIONS
19	Organic Compounds and Phosphorus Removal from Dairy Wastewater by Biofilm on Iron-Containing Supports. Journal of Environmental Engineering, ASCE, 2018, 144, .	1.4	8
20	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
21	Aerobic granular sludge for bisphenol A (BPA) removal from wastewater. International Biodeterioration and Biodegradation, 2017, 122, 1-11.	3.9	64
22	Nitrification in Activated Sludge Exposed to Static Magnetic Field. Water, Air, and Soil Pollution, 2017, 228, 126.	2.4	26
23	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
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	Community dynamics of denitrifying bacteria in full-scale wastewater treatment plants. Environmental Technology (United Kingdom), 2016, 37, 2358-2367.	2.2	50
26	Bacterial communities in full-scale wastewater treatment systems. World Journal of Microbiology and Biotechnology, 2016, 32, 66.	3.6	291
27	Ammonium removal on zeolite modified by ultrasound. Desalination and Water Treatment, 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. Desalination and Water Treatment, 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. Biochemical Engineering Journal, 2015, 100, 30-40.	3.6	20
30	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
31	Removal of bisphenol A (BPA) in a nitrifying system with immobilized biomass. Bioresource Technology, 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. Bioresource Technology, 2014, 154, 162-170.	9.6	45
33	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
34	Use of <i>Lecane</i> rotifers for limiting <i>Thiothrix</i> filamentous bacteria in bulking activated sludge in a dairy wastewater treatment plant. Archives of Biological Sciences, 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. World Journal of Microbiology and Biotechnology, 2013, 29, 1145-1153.	3.6	17
36	Treatment of high-ammonium anaerobic digester supernatant by aerobic granular sludge and ultrafiltration processes. Chemosphere, 2013, 90, 2208-2215.	8.2	29

#	ARTICLE	IF	CITATIONS
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