

Dorota Kulikowska

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,767
citations

361413

20
h-index

276875

41
g-index

51
all docs

51
docs citations

51
times ranked

2054
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of landfill age on municipal leachate composition. <i>Bioresource Technology</i> , 2008, 99, 5981-5985.	9.6	434
2	Feasibility of using humic substances from compost to remove heavy metals (Cd, Cu, Ni, Pb, Zn) from contaminated soil aged for different periods of time. <i>Journal of Hazardous Materials</i> , 2015, 300, 882-891.	12.4	148
3	Kinetics of organic matter removal and humification progress during sewage sludge composting. <i>Waste Management</i> , 2016, 49, 196-203.	7.4	130
4	Humic substances from sewage sludge compost as washing agent effectively remove Cu and Cd from soil. <i>Chemosphere</i> , 2015, 136, 42-49.	8.2	118
5	Effect of Bio-Based Products on Waste Management. <i>Sustainability</i> , 2020, 12, 2088.	3.2	106
6	Organic matter transformations and kinetics during sewage sludge composting in a two-stage system. <i>Bioresource Technology</i> , 2011, 102, 10951-10958.	9.6	51
7	Sewage sludge composting in a two-stage system: Carbon and nitrogen transformations and potential ecological risk assessment. <i>Waste Management</i> , 2015, 38, 312-320.	7.4	49
8	Municipal landfill leachate nitrification in RBC biofilm – Process efficiency and molecular analysis of microbial structure. <i>Bioresource Technology</i> , 2010, 101, 3400-3405.	9.6	47
9	The usability of the IR, RAC and MRI indices of heavy metal distribution to assess the environmental quality of sewage sludge composts. <i>Waste Management</i> , 2014, 34, 1227-1236.	7.4	42
10	Nitritation – denitritation in landfill leachate with glycerine as a carbon source. <i>Bioresource Technology</i> , 2013, 142, 297-303.	9.6	39
11	Thermophilic and mesophilic biogas production from PLA-based materials: Possibilities and limitations. <i>Waste Management</i> , 2021, 119, 295-305.	7.4	39
12	Organics removal from landfill leachate and activated sludge production in SBR reactors. <i>Waste Management</i> , 2006, 26, 1140-1147.	7.4	38
13	Effect of barley straw and coniferous bark on humification process during sewage sludge composting. <i>Waste Management</i> , 2018, 79, 207-213.	7.4	38
14	New-Generation Washing Agents in Remediation of Metal-Polluted Soils and Methods for Washing Effluent Treatment: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6220.	2.6	37
15	BOD5 and COD removal and sludge production in SBR working with or without anoxic phase. <i>Bioresource Technology</i> , 2007, 98, 1426-1432.	9.6	32
16	Behaviors of heavy metals (Cd, Cu, Ni, Pb and Zn) in soil amended with composts. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2337-2347.	2.2	32
17	Suitability of humic substances recovered from sewage sludge to remedy soils from a former As mining area – a novel approach. <i>Journal of Hazardous Materials</i> , 2017, 338, 160-166.	12.4	31
18	Glycerine as a carbon source in nitrite removal and sludge production. <i>Chemical Engineering Journal</i> , 2015, 267, 324-331.	12.7	28

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19	Limitation of Sludge Biotic Index application for control of a wastewater treatment plant working with shock organic and ammonium loadings. <i>European Journal of Protistology</i> , 2011, 47, 287-294.	1.5	24
20	Adsorption of Membrane process for treatment of stabilized municipal landfill leachate. <i>Waste Management</i> , 2020, 114, 174-182.	7.4	22
21	A holistic approach to remediation of soil contaminated with Cu, Pb and Zn with sewage sludge-derived washing agents and synthetic chelator. <i>Journal of Cleaner Production</i> , 2021, 311, 127664.	9.3	22
22	Influence of compost maturation time on Cu and Zn mobility (M F) and redistribution (I R) in highly contaminated soil. <i>Environmental Earth Sciences</i> , 2015, 74, 6233-6246.	2.7	21
23	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
24	Sewage sludge can provide a washing agent for remediation of soil from a metallurgical area. <i>Catena</i> , 2019, 173, 22-28.	5.0	20
25	Suitability of environmental indices in assessment of soil remediation with conventional and next generation washing agents. <i>Scientific Reports</i> , 2020, 10, 20586.	3.3	18
26	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
27	Anaerobic Degradability of Commercially Available Bio-Based and Oxo-Degradable Packaging Materials in the Context of their End of Life in the Waste Management Strategy. <i>Sustainability</i> , 2021, 13, 6818.	3.2	14
28	Washing agents from sewage sludge: efficiency of Cd removal from highly contaminated soils and effect on soil organic balance. <i>Journal of Soils and Sediments</i> , 2020, 20, 284-296.	3.0	13
29	Characterization of bacterial structures in two-stage moving-bed biofilm reactor (MBBR) during nitrification of the landfill leachate. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 1140-1151.	2.1	13
30	Influence of Soil Aging and Stabilization with Compost on Zn and Cu Fractionation, Stability, and Mobility. <i>Clean - Soil, Air, Water</i> , 2016, 44, 272-283.	1.1	12
31	The influence of operational conditions in sequencing batch reactors on removal of nitrogen and organics from municipal landfill leachate. <i>Waste Management and Research</i> , 2005, 23, 429-438.	3.9	11
32	Microfauna community during pulp and paper wastewater treatment in a UNOX system. <i>European Journal of Protistology</i> , 2017, 58, 143-151.	1.5	11
33	Tannic acid for remediation of historically arsenic-contaminated soils. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1050-1061.	2.2	11
34	Waste Willow-Bark from Salicylate Extraction Successfully Reused as an Amendment for Sewage Sludge Composting. <i>Sustainability</i> , 2021, 13, 6771.	3.2	10
35	Ecological risk assessment of sewage sludge from municipal wastewater treatment plants: a case study. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 1167-1176.	1.7	8
36	Can the biological stage of a mechanical-biological treatment plant that is designed for mixed municipal solid waste be successfully utilized for effective composting of selectively collected biowaste?. <i>Waste Management</i> , 2022, 149, 291-301.	7.4	8

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37	Usability of powdered activated carbon for landfill leachate treatment – continued research. <i>Desalination and Water Treatment</i> , 2016, 57, 28560-28569.	1.0	7
38	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
39	Quality of heavy metal-contaminated soil before and after column flushing with washing agents derived from municipal sewage sludge. <i>Scientific Reports</i> , 2021, 11, 15773.	3.3	6
40	Challenges in Sustainable Degradability of Bio-Based and Oxo-Degradable Packaging Materials during Anaerobic Thermophilic Treatment. <i>Energies</i> , 2021, 14, 4775.	3.1	6
41	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
42	Stabilisation of municipal solid waste after autoclaving in a passively aerated bioreactor. <i>Waste Management and Research</i> , 2019, 37, 542-550.	3.9	5
43	Simultaneous Multi-metal Removal from Soil with Washing Agents of Waste, Plant and Microbial Origin. <i>Soil and Sediment Contamination</i> , 2019, 28, 773-791.	1.9	3
44	Stabilizate from Autoclaved Municipal Solid Waste as a Source of Valuable Humic Substances in a Waste Circular Economy. <i>Waste and Biomass Valorization</i> , 2020, 11, 6147-6157.	3.4	3
45	Flushing of Soils Highly Contaminated with Cd Using Various Washing Agents Derived from Sewage Sludge. <i>Energies</i> , 2022, 15, 349.	3.1	3
46	Efficiency and kinetics of organics removal from landfill leachate by adsorption onto powdered and granular activated carbon. <i>Desalination and Water Treatment</i> , 2014, , 1-11.	1.0	2
47	Crude glycerol as a carbon source at a low COD/N ratio provides efficient and stable denitrification. <i>Desalination and Water Treatment</i> , 2016, 57, 19632-19641.	1.0	2
48	Kinetics of Cu, Pb and Zn removal during soil flushing with washing agents derived from sewage sludge. <i>Scientific Reports</i> , 2021, 11, 10067.	3.3	2
49	Municipal Sewage Sludge Composting in the Two-Stage System: The Role of Different Bulking Agents and Amendments. <i>Energies</i> , 2022, 15, 5014.	3.1	2
50	Impact of Flowback Water on Activated Sludge Biocenosis During Municipal Wastewater Treatment. <i>Ecological Chemistry and Engineering S</i> , 2015, 22, 611-624.	1.5	1
51	Development of <i>Arcella vulgaris</i> induced granule formation in an SBR. , 0, 98, 37-44.		0