

Ki Young Park

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,423
citations

361413
20
h-index

345221
36
g-index

36
all docs

36
docs citations

36
times ranked

2018
citing authors

#	ARTICLE	IF	CITATIONS
1	Field test of water-net based wastewater treatment for nutrient removal and bioethanol production. <i>Chemosphere</i> , 2022, 301, 134791.	8.2	1
2	Conversion of heavy metal-containing biowaste from phytoremediation site to value-added solid fuel through hydrothermal carbonization. <i>Environmental Pollution</i> , 2021, 269, 116127.	7.5	31
3	Characteristics of heavy metal separation and determination of limiting current density in a pilot-scale electrodialysis process for plating wastewater treatment. <i>Science of the Total Environment</i> , 2021, 757, 143762.	8.0	34
4	Economic feasibility of phosphorus recovery through struvite from liquid anaerobic digestate of animal waste. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40703-40714.	5.3	5
5	Conversion of Slaughterhouse Wastes to Solid Fuel Using Hydrothermal Carbonization. <i>Energies</i> , 2021, 14, 1768.	3.1	10
6	Pilot-scale cultivation of water-net in secondary effluent using an open pond raceway for nutrient removal and bioethanol production. <i>Chemosphere</i> , 2021, 277, 130129.	8.2	16
7	Use of Black Soldier Fly Larvae for Food Waste Treatment and Energy Production in Asian Countries: A Review. <i>Processes</i> , 2021, 9, 161.	2.8	53
8	Stimulation of Lipid Extraction Efficiency from Sewage Sludge for Biodiesel Production through Hydrothermal Pretreatment. <i>Energies</i> , 2020, 13, 6392.	3.1	9
9	Interactions between substrate characteristics and microbial communities on biogas production yield and rate. <i>Bioresource Technology</i> , 2020, 303, 122934.	9.6	25
10	Impact of hydrothermal pretreatment on anaerobic digestion efficiency for lignocellulosic biomass: Influence of pretreatment temperature on the formation of biomass-degrading byproducts. <i>Chemosphere</i> , 2020, 256, 127116.	8.2	51
11	Characterization and Recovery of In Situ Transesterifiable Lipids (TLs) as Potential Biofuel Feedstock from Sewage Sludge Obtained from Various Sewage Treatment Plants (STPs). <i>Energies</i> , 2019, 12, 3952.	3.1	4
12	Separation of metals from electroplating wastewater using electrodialysis. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 2471-2480.	2.3	27
13	Characteristics of vegetable crop cultivation and nutrient releasing with struvite as a slow-release fertilizer. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34332-34344.	5.3	28
14	Hydrothermal carbonization of waste from leather processing and feasibility of produced hydrochar as an alternative solid fuel. <i>Journal of Environmental Management</i> , 2019, 247, 115-120.	7.8	46
15	Solid fuel production through hydrothermal carbonization of sewage sludge and microalgae <i>Chlorella</i> sp. from wastewater treatment plant. <i>Chemosphere</i> , 2019, 230, 157-163.	8.2	85
16	Advanced wastewater treatment using filamentous algae in raceway ponds with underwater light. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 1674-1682.	2.3	9
17	Characterized hydrochar of algal biomass for producing solid fuel through hydrothermal carbonization. <i>Bioresource Technology</i> , 2018, 258, 119-124.	9.6	108
18	Releasing characteristics and fate of heavy metals from phytoremediation crop residues during anaerobic digestion. <i>Chemosphere</i> , 2018, 191, 520-526.	8.2	36

#	ARTICLE	IF	CITATIONS
19	Anaerobic digestion as an alternative disposal for phytoremediated biomass from heavy metal contaminated sites. <i>Environmental Pollution</i> , 2018, 243, 1704-1709.	7.5	17
20	Estimation of biokinetic parameters in the acid fermentation of primary sludge using an anaerobic baffled reactor. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1997-2011.	2.4	3
21	Biogas productivity of algal residues from bioethanol production. <i>Journal of Material Cycles and Waste Management</i> , 2017, 19, 235-240.	3.0	7
22	Characterizations of biochar from hydrothermal carbonization of exhausted coffee residue. <i>Journal of Material Cycles and Waste Management</i> , 2017, 19, 1036-1043.	3.0	40
23	Pretreatment of agricultural biomass for anaerobic digestion: Current state and challenges. <i>Bioresource Technology</i> , 2017, 245, 1194-1205.	9.6	261
24	Fate of antibiotic resistance genes in mesophilic and thermophilic anaerobic digestion of chemically enhanced primary treatment (CEPT) sludge. <i>Bioresource Technology</i> , 2017, 244, 433-444.	9.6	57
25	Performance and Fouling in Pre-Denitrification Membrane Bioreactors Treating High-Strength Wastewater from Food Waste Disposers. <i>Water (Switzerland)</i> , 2017, 9, 512.	2.7	5
26	Electrodialysis of groundwater with heavy metal and nitrate ions under low conductivity and effects of superficial velocities. <i>Desalination and Water Treatment</i> , 2016, 57, 26741-26750.	1.0	6
27	Upgrading the characteristics of biochar from cellulose, lignin, and xylan for solid biofuel production from biomass by hydrothermal carbonization. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 42, 95-100.	5.8	191
28	Use of concentrate water from seawater desalination plant as magnesium sources for struvite formation by using anaerobically digested effluent of swine wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 26751-26757.	1.0	9
29	Characteristics of Biochar Obtained by Hydrothermal Carbonization of Cellulose for Renewable Energy. <i>Energies</i> , 2015, 8, 14040-14048.	3.1	63
30	Investigation of the combustion characteristics of municipal solid wastes and their hydrothermally treated products via thermogravimetric analysis. <i>Journal of Material Cycles and Waste Management</i> , 2015, 17, 258-265.	3.0	15
31	Changes in bacterial and archaeal communities in anaerobic digesters treating different organic wastes. <i>Chemosphere</i> , 2015, 141, 134-137.	8.2	24
32	Removal of phosphorus and coliforms from secondary effluent using ferrate(VI). <i>KSCE Journal of Civil Engineering</i> , 2014, 18, 81-85.	1.9	15
33	Ultrasound pretreatment of filamentous algal biomass for enhanced biogas production. <i>Waste Management</i> , 2014, 34, 1035-1040.	7.4	62
34	Carbon dioxide injection method for enhancing hydrogenotrophic denitrification of secondary wastewater effluent in fixed bed reactor. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 326-332.	2.6	5
35	Utilization of a Selective Adsorbent for Phosphorus Removal from Wastewaters. <i>Environmental Engineering Science</i> , 2010, 27, 805-810.	1.6	26
36	Growth of microalgae in diluted process water of the animal wastewater treatment plant. <i>Water Science and Technology</i> , 2009, 59, 2111-2116.	2.5	39