

Xuemei Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8733288/publications.pdf>

Version: 2024-02-01

21
papers

717
citations

687220

13
h-index

713332

21
g-index

21
all docs

21
docs citations

21
times ranked

826
citing authors

#	ARTICLE	IF	CITATIONS
1	Tackling ammonia inhibition for efficient biogas production from chicken manure: Status and technical trends in Europe and China. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 97, 186-199.	8.2	118
2	The optimum pH and Eh for simultaneously minimizing bioavailable cadmium and arsenic contents in soils under the organic fertilizer application. <i>Science of the Total Environment</i> , 2020, 711, 135229.	3.9	87
3	Effects of liquid digestate pretreatment on biogas production for anaerobic digestion of wheat straw. <i>Bioresource Technology</i> , 2019, 280, 345-351.	4.8	85
4	Study on improving anaerobic co-digestion of cow manure and corn straw by fruit and vegetable waste: Methane production and microbial community in CSTR process. <i>Bioresource Technology</i> , 2018, 249, 290-297.	4.8	67
5	Remediation of Petroleum-Contaminated Soils with Microbial and Microbial Combined Methods: Advances, Mechanisms, and Challenges. <i>Sustainability</i> , 2021, 13, 9267.	1.6	59
6	Study on the bio-methane yield and microbial community structure in enzyme enhanced anaerobic co-digestion of cow manure and corn straw. <i>Bioresource Technology</i> , 2016, 219, 150-157.	4.8	51
7	Evaluation of artificial neural network models for online monitoring of alkalinity in anaerobic co-digestion system. <i>Biochemical Engineering Journal</i> , 2018, 140, 85-92.	1.8	44
8	Recovery of Ammonium in Urine by Biochar Derived from Faecal Sludge and its Application as Soil Conditioner. <i>Waste and Biomass Valorization</i> , 2018, 9, 1619-1628.	1.8	37
9	Improving exploitation of chicken manure via two-stage anaerobic digestion with an intermediate membrane contactor to extract ammonia. <i>Bioresource Technology</i> , 2018, 268, 811-814.	4.8	29
10	Impacts of Cellulase and Amylase on Enzymatic Hydrolysis and Methane Production in the Anaerobic Digestion of Corn Straw. <i>Sustainability</i> , 2020, 12, 5453.	1.6	25
11	Stabilization process and potential of agro-industrial waste on Pb-Contaminated soil around Pb-Zn mining. <i>Environmental Pollution</i> , 2020, 260, 114069.	3.7	22
12	Investigation on methane yield of wheat husk anaerobic digestion and its enhancement effect by liquid digestate pretreatment. <i>Anaerobe</i> , 2019, 59, 92-99.	1.0	20
13	Experimental comparisons of three submerged plants for reclaimed water purification through nutrient removal. <i>Desalination and Water Treatment</i> , 2016, 57, 12037-12046.	1.0	16
14	Anaerobic Co-Digestion of Kitchen Waste and Blackwater for Different Practical Application Scenarios in Decentralized Scale: From Wastes to Energy Recovery. <i>Water (Switzerland)</i> , 2020, 12, 2556.	1.2	15
15	Effects of Adding Zero Valent Iron on the Anaerobic Digestion of Cow Manure and Lignocellulose. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 590200.	2.0	12
16	Co-remediation of Pb Contaminated Soils by Heat Modified Sawdust and <i>Festuca arundinacea</i> . <i>Scientific Reports</i> , 2020, 10, 4663.	1.6	8
17	Operating status of public toilets in the Hutong neighborhoods of Beijing: An empirical study. <i>Journal of Environmental Management</i> , 2021, 287, 112252.	3.8	8
18	From Newtonian to non-Newtonian fluid: Insight into the impact of rheological characteristics on mineral deposition in urine collection and transportation. <i>Science of the Total Environment</i> , 2022, 823, 153532.	3.9	5

#	ARTICLE	IF	CITATIONS
19	Multiple Substrates Anaerobic Co-Digestion: A Farm-Scale Biogas Project and the GHG Emission Reduction Assessment. Waste and Biomass Valorization, 2021, 12, 2049-2057.	1.8	4
20	Investigation on Recycling Dry Toilet Generated Blackwater by Anaerobic Digestion: From Energy Recovery to Sanitation. Sustainability, 2021, 13, 4090.	1.6	4
21	Transport and deposition of solid phosphorus-based mineral particles in urine diversion systems. Environmental Technology (United Kingdom), 2022, , 1-34.	1.2	1