

Yingqun

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7387462/yingqun-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

1,321
citations

20
h-index

35
g-index

60
ext. papers

1,809
ext. citations

8.5
avg, IF

5.67
L-index

#	Paper	IF	Citations
59	Turning food waste to energy and resources towards a great environmental and economic sustainability: An innovative integrated biological approach. <i>Biotechnology Advances</i> , 2019 , 37, 107414	17.8	142
58	Biodiesels from microbial oils: Opportunity and challenges. <i>Bioresource Technology</i> , 2018 , 263, 631-641	11	88
57	A self-sustaining synergetic microalgal-bacterial granular sludge process towards energy-efficient and environmentally sustainable municipal wastewater treatment. <i>Water Research</i> , 2020 , 179, 115884	12.5	69
56	Kinetics studies of biodiesel production from waste cooking oil using FeCl ₃ -modified resin as heterogeneous catalyst. <i>Renewable Energy</i> , 2017 , 107, 522-530	8.1	68
55	Effect of crude glycerol impurities on lipid preparation by <i>Rhodospiridium toruloides</i> yeast 32489. <i>Bioresource Technology</i> , 2016 , 218, 373-9	11	61
54	New insights into co-digestion of activated sludge and food waste: Biogas versus biofertilizer. <i>Bioresource Technology</i> , 2017 , 241, 448-453	11	58
53	Evaluation of anaerobic digestion of food waste and waste activated sludge: Soluble COD versus its chemical composition. <i>Science of the Total Environment</i> , 2018 , 643, 21-27	10.2	57
52	New insight into enhanced production of short-chain fatty acids from waste activated sludge by cation exchange resin-induced hydrolysis. <i>Chemical Engineering Journal</i> , 2020 , 388, 124235	14.7	55
51	An integrated engineering system for maximizing bioenergy production from food waste. <i>Applied Energy</i> , 2017 , 206, 83-89	10.7	55
50	Enhancing volatile fatty acids production from waste activated sludge by a novel cation-exchange resin assistant strategy. <i>Journal of Cleaner Production</i> , 2021 , 278, 123236	10.3	48
49	A holistic approach for food waste management towards zero-solid disposal and energy/resource recovery. <i>Bioresource Technology</i> , 2017 , 228, 56-61	11	45
48	Mixed methanol/ethanol on transesterification of waste cooking oil using Mg/Al hydrotalcite catalyst. <i>Energy</i> , 2016 , 107, 523-531	7.9	44
47	Electric energy production from food waste: Microbial fuel cells versus anaerobic digestion. <i>Bioresource Technology</i> , 2018 , 255, 281-287	11	42
46	Cation exchange resin-induced hydrolysis for improving biodegradability of waste activated sludge: Characterization of dissolved organic matters and microbial community. <i>Bioresource Technology</i> , 2020 , 302, 122870	11	38
45	Current status and future prospects of sewer biofilms: Their structure, influencing factors, and substance transformations. <i>Science of the Total Environment</i> , 2019 , 695, 133815	10.2	37
44	Past, current, and future research on microalga-derived biodiesel: a critical review and bibliometric analysis. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 10596-10610	5.1	33
43	A novel micro-ferrous dosing strategy for enhancing biological phosphorus removal from municipal wastewater. <i>Science of the Total Environment</i> , 2020 , 704, 135453	10.2	28

42	A bibliometric analysis of biodiesel research during 1991-2015. <i>Journal of Material Cycles and Waste Management</i> , 2018 , 20, 10-18	3.4	26
41	State of the art of straw treatment technology: Challenges and solutions forward. <i>Bioresource Technology</i> , 2020 , 313, 123656	11	25
40	Defensive responses of microalgal-bacterial granules to tetracycline in municipal wastewater treatment. <i>Bioresource Technology</i> , 2020 , 312, 123605	11	21
39	Transesterification of waste cooking oil using FeCl ₃ -modified resin catalyst and the research of catalytic mechanism. <i>Renewable Energy</i> , 2016 , 86, 643-650	8.1	20
38	Bacterial community and eutrophic index analysis of the East Lake. <i>Environmental Pollution</i> , 2019 , 252, 682-688	9.3	20
37	Microbial lipid production from food waste saccharified liquid and the effects of compositions. <i>Energy Conversion and Management</i> , 2018 , 172, 306-315	10.6	20
36	Biodiesel production using unrefined methanol as transesterification agent and the research of individual effect of impurities. <i>Energy</i> , 2015 , 82, 361-369	7.9	19
35	Cadmium-effect on performance and symbiotic relationship of microalgal-bacterial granules. <i>Journal of Cleaner Production</i> , 2021 , 282, 125383	10.3	18
34	An innovative alkaline protease-based pretreatment approach for enhanced short-chain fatty acids production via a short-term anaerobic fermentation of waste activated sludge. <i>Bioresource Technology</i> , 2020 , 312, 123397	11	15
33	Food Waste to Biofertilizer: A Potential Game Changer of Global Circular Agricultural Economy. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 5021-5023	5.7	15
32	A novel variable pH control strategy for enhancing lipid production from food waste: Biodiesel versus docosahexaenoic acid. <i>Energy Conversion and Management</i> , 2019 , 189, 60-66	10.6	13
31	Tetracycline-induced decoupling of symbiosis in microalgal-bacterial granular sludge. <i>Environmental Research</i> , 2021 , 197, 111095	7.9	12
30	Synergistic effect of mixed methanol/ethanol on transesterification of waste food oil using p-toluenesulfonic acid as catalyst. <i>Environmental Progress and Sustainable Energy</i> , 2015 , 34, 1547-1553	2.5	11
29	Hydrolase activity and microbial community dynamic shift related to the lack in multivalent cations during cation exchange resin-enhanced anaerobic fermentation of waste activated sludge. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122930	12.8	11
28	Waste cooking oil used as carbon source for microbial lipid production: Promoter or inhibitor. <i>Environmental Research</i> , 2022 , 203, 111881	7.9	10
27	Characteristics of sewer biofilms in aerobic rural small diameter gravity sewers. <i>Journal of Environmental Sciences</i> , 2020 , 90, 1-9	6.4	9
26	Enhanced lignin biodegradation by consortium of white rot fungi: microbial synergistic effects and product mapping. <i>Biotechnology for Biofuels</i> , 2021 , 14, 162	7.8	7
25	Two dcm Gene Clusters Essential for the Degradation of Diclofop-methyl in a Microbial Consortium of Rhodococcus sp. JT-3 and Brevundimonas sp. JT-9. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 12217-12226	5.7	7

24	Sewers induce changes in the chemical characteristics, bacterial communities, and pathogen distribution of sewage and greywater. <i>Environmental Research</i> , 2020 , 187, 109628	7.9	6
23	An appropriate technique for treating rural wastewater by a flow step feed system driven by wind-solar hybrid power. <i>Environmental Research</i> , 2020 , 187, 109651	7.9	6
22	Enhanced anaerobic fermentation of waste activated sludge by NaCl assistant hydrolysis strategy: Improved bio-production of short-chain fatty acids and feasibility of NaCl reuse. <i>Bioresource Technology</i> , 2020 , 312, 123303	11	6
21	Biodiesel Production: Status and Perspectives 2019 , 503-522		6
20	Cation-exchange resin regeneration waste liquid as alternative NaCl source for enhancing anaerobic fermentation of waste activated sludge: Compositions of dissolved organic matters and chemical conditioning performance. <i>Bioresource Technology</i> , 2020 , 313, 123659	11	6
19	Effects of low- and high-temperature thermal-alkaline pretreatments on anaerobic digestion of waste activated sludge. <i>Bioresource Technology</i> , 2021 , 337, 125400	11	6
18	Fungi characteristics of biofilms from sewage and greywater in small diameter gravity sewers. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 532-539	4.2	5
17	Microalgal-Bacterial Granular Sludge Process in Non-Aerated Municipal Wastewater Treatment under Natural Day-Night Conditions: Performance and Microbial Community. <i>Water (Switzerland)</i> , 2021 , 13, 1479	3	5
16	Greywater: Understanding biofilm bacteria succession, pollutant removal and low sulfide generation in small diameter gravity sewers. <i>Journal of Cleaner Production</i> , 2020 , 268, 122426	10.3	4
15	New insights into the co-locating concept on synergistic co-digestion of sewage sludge and food waste towards energy self-sufficient in future WWTPs. <i>Bioresource Technology Reports</i> , 2020 , 10, 100354 ^{4.1}		3
14	Enhanced anaerobic fermentation of waste activated sludge by reverse osmosis brine and composition distribution in fermentative liquid. <i>Bioresource Technology</i> , 2020 , 318, 123953	11	3
13	Reactivation of Frozen Stored Microalgal-Bacterial Granular Sludge under Aeration and Non-Aeration Conditions. <i>Water (Switzerland)</i> , 2021 , 13, 1974	3	3
12	Feasibility and transcriptomic analysis of betalain production by biomembrane surface fermentation of <i>Penicillium novae-zelandiae</i> . <i>AMB Express</i> , 2018 , 8, 4	4.1	2
11	Research on Immobilization Carrier on Ethanol Fermentation from Food Waste. <i>Advanced Materials Research</i> , 2014 , 878, 466-472	0.5	2
10	Risk Assessment and Source Apportionment of Heavy Metals in Soils from Handan City. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9615	2.6	2
9	An enhanced rural anoxic/oxic biological contact oxidation process with air-lift reflux technique to strengthen total nitrogen removal and reduce sludge generation. <i>Journal of Cleaner Production</i> , 2022 , 348, 131371	10.3	2
8	Influences of flow conditions on bacterial communities in sewage and greywater small diameter gravity sewer biofilms. <i>Environmental Research</i> , 2020 , 183, 109289	7.9	1
7	Efficiency and Cost of Bioecological Rural Wastewater Treatment Powered Almost by Wind and Solar. <i>ACS ES&T Water</i> , 2021 , 1, 562-572		1

6	Recycling of neomycin fermentation residue using SEA-CBS technology: Growth performance and antibiotic resistance genes. <i>Science of the Total Environment</i> , 2022 , 807, 150860	10.2	1
5	Analysis of suitable private-secondary-main sewer diameters in rural areas based on cost model and hydraulic calculation. <i>Journal of Environmental Management</i> , 2021 , 281, 111925	7.9	1
4	Field tests of crop growth using hydrothermal and spray-dried cephalosporin mycelia dregs as amendments: Utilization of nutrient and soil antibiotic resistome. <i>Environmental Research</i> , 2021 , 202, 111638	7.9	1
3	The Impact of Bioaugmentation on the Performance and Microbial Community Dynamics of an Industrial-Scale Activated Sludge Sequencing Batch Reactor under Various Loading Shocks of Heavy Oil Refinery Wastewater. <i>Water (Switzerland)</i> , 2021 , 13, 2822	3	0
2	Time-based succession existed in rural sewer biofilms: Bacterial communities, sulfate-reducing bacteria and methanogenic archaea, and sulfide and methane generation. <i>Science of the Total Environment</i> , 2021 , 765, 144397	10.2	0
1	4-Chlorophenol Oxidation Depends on the Activation of an AraC-Type Transcriptional Regulator, CphR, in sp. Strain YH-5B. <i>Frontiers in Microbiology</i> , 2018 , 9, 2481	5.7	0