

Yueping Ren

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,315
citations

361413
20
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345221
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all docs

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docs citations

44
times ranked

1292
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of sludge retention time on sludge characteristics and membrane fouling in a submerged osmotic membrane bioreactor. <i>Bioresource Technology</i> , 2014, 161, 340-347.	9.6	118
2	Comparison of biofouling mechanisms between cellulose triacetate (CTA) and thin-film composite (TFC) polyamide forward osmosis membranes in osmotic membrane bioreactors. <i>Bioresource Technology</i> , 2016, 202, 50-58.	9.6	96
3	Integration of micro-filtration into osmotic membrane bioreactors to prevent salinity build-up. <i>Bioresource Technology</i> , 2014, 167, 116-123.	9.6	94
4	Development of a novel anaerobic membrane bioreactor simultaneously integrating microfiltration and forward osmosis membranes for low-strength wastewater treatment. <i>Journal of Membrane Science</i> , 2017, 527, 1-7.	8.2	84
5	Synthesis of FeO/Fe ₃ O ₄ @porous carbon through a facile heat treatment of iron-containing candle soots for peroxymonosulfate activation and efficient degradation of sulfamethoxazole. <i>Journal of Hazardous Materials</i> , 2021, 411, 124952.	12.4	80
6	Single atom Fe-dispersed graphitic carbon nitride (g-C ₃ N ₄) as a highly efficient peroxymonosulfate photocatalytic activator for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , 2022, 430, 132937.	12.7	78
7	Integrating microbial fuel cells with anaerobic acidification and forward osmosis membrane for enhancing bio-electricity and water recovery from low-strength wastewater. <i>Water Research</i> , 2017, 110, 74-82.	11.3	62
8	Effect of polyaniline@graphene nanosheets modified cathode on the performance of sediment microbial fuel cell. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1946-1950.	3.2	58
9	Permeability recovery of fouled forward osmosis membranes by chemical cleaning during a long-term operation of anaerobic osmotic membrane bioreactors treating low-strength wastewater. <i>Water Research</i> , 2017, 123, 505-512.	11.3	56
10	Shell-Thickness-Dependent Biexciton Lifetime in Type I and Quasi-Type II CdSe@CdS Core/Shell Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14091-14098.	3.1	47
11	Effect of heterotrophic anodic denitrification on anolyte pH control and bioelectricity generation enhancement of bufferless microbial fuel cells. <i>Chemosphere</i> , 2020, 257, 127251.	8.2	41
12	The growth process of the cake layer and membrane fouling alleviation mechanism in a MBR assisted with the self-generated electric field. <i>Water Research</i> , 2020, 171, 115452.	11.3	34
13	Analysis of the simultaneous adsorption mechanism of ammonium and phosphate on magnesium-modified biochar and the slow release effect of fertiliser. <i>Biochar</i> , 2022, 4, 1.	12.6	34
14	Impacts of inorganic draw solutes on the performance of thin-film composite forward osmosis membrane in a microfiltration assisted anaerobic osmotic membrane bioreactor. <i>RSC Advances</i> , 2017, 7, 16057-16063.	3.6	31
15	Effect of driving force on the performance of anaerobic osmotic membrane bioreactors: New insight into enhancing water flux of FO membrane via controlling driving force in a two-stage pattern. <i>Journal of Membrane Science</i> , 2019, 569, 41-47.	8.2	31
16	Calcium-modified granular attapulgite removed phosphorus from synthetic wastewater containing low-strength phosphorus. <i>Chemosphere</i> , 2022, 296, 133898.	8.2	26
17	Influences of sludge retention time on the performance of submerged membrane bioreactors with the addition of iron ion. <i>Desalination</i> , 2012, 296, 24-29.	8.2	25
18	Pathway analysis of the biodegradation of lignin by <i>Brevibacillus thermoruber</i> . <i>Bioresource Technology</i> , 2021, 341, 125875.	9.6	25

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19	A monolithic three-dimensional macroporous graphene anode with low cost for high performance microbial fuel cells. <i>RSC Advances</i> , 2016, 6, 21001-21010.	3.6	23
20	Preparation of conductive microfiltration membrane and its performance in a coupled configuration of membrane bioreactor with microbial fuel cell. <i>RSC Advances</i> , 2017, 7, 20824-20832.	3.6	21
21	Fate of proteins of waste activated sludge during thermal alkali pretreatment in terms of sludge protein recovery. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	6.0	20
22	In situ extracting organic-bound calcium: A novel approach to mitigating organic fouling in forward osmosis treating wastewater via gradient diffusion thin-films. <i>Water Research</i> , 2019, 156, 102-109.	11.3	18
23	EDTA-based adsorption layer for mitigating FO membrane fouling via in situ removing calcium binding with organic foulants. <i>Journal of Membrane Science</i> , 2019, 578, 95-102.	8.2	17
24	Enhanced bioelectricity generation of air-cathode buffer-free microbial fuel cells through short-term anolyte pH adjustment. <i>Bioelectrochemistry</i> , 2018, 120, 145-149.	4.6	16
25	Anolyte recycling enhanced bioelectricity generation of the buffer-free single-chamber air-cathode microbial fuel cell. <i>Bioresource Technology</i> , 2017, 244, 1183-1187.	9.6	15
26	Endogenous inorganic carbon buffers accumulation and self-buffering capacity enhancement of air-cathode microbial fuel cells through anolyte recycling. <i>Science of the Total Environment</i> , 2019, 676, 11-17.	8.0	15
27	Simultaneously recovering electricity and water from wastewater by osmotic microbial fuel cells: Performance and membrane fouling. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	6.0	14
28	Effect of short-term alkaline intervention on the performance of buffer-free single-chamber microbial fuel cell. <i>Bioelectrochemistry</i> , 2017, 115, 41-46.	4.6	13
29	Thermally treated candle soot as a novel catalyst for hydrogen peroxide in-situ production enhancement in the bio-electro-Fenton system. <i>Chemosphere</i> , 2021, 262, 127839.	8.2	13
30	A triple-chamber microbial fuel cell enabled to synchronously recover iron and sulfur elements from sulfide tailings. <i>Journal of Hazardous Materials</i> , 2021, 401, 123307.	12.4	12
31	Synchronous recovery of iron and electricity using a single chamber air-cathode microbial fuel cell. <i>RSC Advances</i> , 2017, 7, 12503-12510.	3.6	11
32	A spontaneous electric field membrane bioreactor with the innovative Cu ²⁺ nanowires conductive microfiltration membrane for membrane fouling mitigation and pollutant removal. <i>Water Environment Research</i> , 2019, 91, 780-787.	2.7	11
33	Effect of anaerobic sludge on the bioelectricity generation enhancement of bufferless single-chamber microbial fuel cells. <i>Bioelectrochemistry</i> , 2020, 131, 107387.	4.6	10
34	Self-generated electric field to suppress sludge production and fouling development in a membrane bioreactor for wastewater treatment. <i>Chemosphere</i> , 2020, 261, 128046.	8.2	10
35	Effect of Graphene-Graphene Oxide Modified Anode on the Performance of Microbial Fuel Cell. <i>Nanomaterials</i> , 2016, 6, 174.	4.1	9
36	Insight into the distribution of metallic elements in membrane bioreactor: Influence of operational temperature and role of extracellular polymeric substances. <i>Journal of Environmental Sciences</i> , 2019, 76, 111-120.	6.1	9

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37	Nanoparticle fouling and its combination with organic fouling during forward osmosis process for silver nanoparticles removal from simulated wastewater. <i>Scientific Reports</i> , 2016, 6, 25859.	3.3	8
38	Effect of binder-free graphene-cetyltrimethylammonium bromide anode on the performance of microbial fuel cells. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 157-162.	3.2	7
39	Behavior of copper in membrane-less sediment microbial fuel cell. <i>Journal of Renewable and Sustainable Energy</i> , 2017, 9, 023103.	2.0	7
40	Co-effect of soft template and microwave irradiation on morphological control of gold nanobranches. <i>Colloid and Polymer Science</i> , 2011, 289, 1769-1776.	2.1	6
41	Self-seeding synthesis of silver nanosheets with binary reduction in poly(vinylpyrrolidone)-sodium dodecyl sulphate aggregation microreactor. <i>Micro and Nano Letters</i> , 2014, 9, 726-730.	1.3	5
42	Controlled synthesis of gold nanosnakes assisted by poly(vinyl pyrrolidone)-sodium dodecyl sulphate aggregations. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 774-781.	2.4	2
43	Effect of graphite fibers on the performance of sediment microbial fuel cell. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 876-881.	2.3	2
44	Room Temperature Synthesis of Gold Nanokites in Polyvinyl Alcohol-Sodium Dodecyl Sulfate Aggregations Aqueous Solution. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1955-1960.	4.9	1