Qing Feng

List of Publications by Year
in descending order

50 papers	1,281 citations	430874 18 h-index	377865 34 g-index
50 all docs	50 docs citations	50 times ranked	1147 citing authors

#	Article	IF	Citations
1	Mesophilic and thermophilic temperature co-phase anaerobic digestion compared with single-stage mesophilic- and thermophilic digestion of sewage sludge. Water Research, 2004, 38, 1653-1662.	11.3	276
2	Influence of applied voltage on the performance of bioelectrochemical anaerobic digestion of sewage sludge and planktonic microbial communities at ambient temperature. Bioresource Technology, 2016, 220, 500-508.	9.6	90
3	Electroactive microorganisms in bulk solution contribute significantly to methane production in bioelectrochemical anaerobic reactor. Bioresource Technology, 2018, 259, 119-127.	9.6	69
4	Performance of the Bio-electrochemical Anaerobic Digestion of Sewage Sludge at Different Hydraulic Retention Times. Energy & Fuels, 2016, 30, 352-359.	5.1	65
5	Effect of surface modification of anode with surfactant on the performance of microbial fuel cell. International Journal of Energy Research, 2015, 39, 860-868.	4.5	49
6	Bioelectrochemical enhancement of direct interspecies electron transfer in upflow anaerobic reactor with effluent recirculation for acidic distillery wastewater. Bioresource Technology, 2017, 241, 171-180.	9.6	48
7	Electro-fermentation for biofuels and biochemicals production: Current status and future directions. Bioresource Technology, 2021, 323, 124598.	9.6	45
8	Influence of the temperature and hydraulic retention time in bioelectrochemical anaerobic digestion of sewage sludge. International Journal of Hydrogen Energy, 2019, 44, 2170-2179.	7.1	44
9	Enhanced Anaerobic Digestion of Long Chain Fatty Acid by Adding Magnetite and Carbon Nanotubes. Microorganisms, 2020, 8, 333.	3.6	37
10	Influence of neutralization in acidic distillery wastewater on direct interspecies electron transfer for methane production in an upflow anaerobic bioelectrochemical reactor. International Journal of Hydrogen Energy, 2017, 42, 27774-27783.	7.1	33
11	A Model for Evaluation of Anaerobic Degradation Characteristics of Organic Waste: Focusing on Kinetics, Rate-Limiting Step. Environmental Technology (United Kingdom), 1995, 16, 775-784.	2.2	30
12	Polarized electrode enhances biological direct interspecies electron transfer for methane production in upflow anaerobic bioelectrochemical reactor. Chemosphere, 2018, 204, 186-192.	8.2	28
13	Enhanced Anaerobic Digestion by Stimulating DIET Reaction. Processes, 2020, 8, 424.	2.8	28
14	Influence of electrostatic field and conductive material on the direct interspecies electron transfer for methane production. Environmental Research, 2020, 188, 109867.	7.5	26
15	Modeling methane production in anaerobic forward osmosis bioreactor using a modified anaerobic digestion model No. 1. Bioresource Technology, 2018, 264, 211-218.	9.6	25
16	Electroactive microorganisms enriched from activated sludge remove nitrogen in bioelectrochemical reactor. Journal of Environmental Management, 2019, 233, 249-257.	7.8	24
17	Direct interspecies electron transfer in bulk solution significantly contributes to bioelectrochemical nitrogen removal. International Journal of Hydrogen Energy, 2019, 44, 2180-2190.	7.1	23
18	Effects of starvation on morphometric characteristics of olive flounder, Paralichthys olivaceus. Ichthyological Research, 2007, 54, 297-302.	0.8	22

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19	Rapid detection of heavy metal-induced toxicity in water using a fed-batch sulfur-oxidizing bacteria (SOB) bioreactor. Journal of Microbiological Methods, 2019, 161, 35-42.	1.6	20
20	Bioelectrochemical Methane Production from Food Waste in Anaerobic Digestion Using a Carbon-Modified Copper Foam Electrode. Processes, 2020, 8, 416.	2.8	18
21	Influence of electron donor and toxic materials on the activity of sulfate reducing bacteria for the treatment of electroplating wastewater. Water Science and Technology, 1998, 38, 187-194.	2.5	17
22	Decoration of graphite fiber fabric cathode with electron transfer assisting material for enhanced bioelectrochemical methane production. Journal of Applied Electrochemistry, 2016, 46, 1211-1219.	2.9	17
23	Enhanced current production of the anode modified by microalgae derived nitrogen-rich biocarbon for microbial fuel cells. International Journal of Hydrogen Energy, 2020, 45, 3833-3839.	7.1	17
24	Comparison of the Physical Characteristics of Green-Synthesized and Commercial Silver Nanoparticles: Evaluation of Antimicrobial and Cytotoxic Effects. Arabian Journal for Science and Engineering, 2017, 42, 201-208.	3.0	15
25	Nitrite and nitrate as electron acceptors for bioelectrochemical ammonium oxidation under electrostatic field. Journal of Environmental Management, 2019, 250, 109517.	7.8	15
26	Biological Inoculant of Salt-Tolerant Bacteria for Plant Growth Stimulation under Different Saline Soil Conditions. Journal of Microbiology and Biotechnology, 2021, 31, 398-407.	2.1	15
27	Influence of conductive material on the bioelectrochemical removal of organic matter and nitrogen from low strength wastewater. Bioresource Technology, 2018, 259, 407-413.	9.6	14
28	Treatment of phenol wastewater using nitrogen-doped magnetic mesoporous hollow carbon. Chemosphere, 2021, 271, 129595.	8.2	14
29	External electric field promotes ammonia stripping from wastewater. Water Research, 2021, 203, 117518.	11.3	14
30	Effect of the oxygen reduction catalyst loading method on the performance of air breathable cathodes for microbial fuel cells. Journal of Applied Electrochemistry, 2012, 42, 391-398.	2.9	13
31	Bioelectrochemical Enhancement of Biogenic Methane Conversion of Coal. Energies, 2018, 11, 2577.	3.1	13
32	The Mechanisms of Sodium Chloride Stress Mitigation by Salt-Tolerant Plant Growth Promoting Rhizobacteria in Wheat. Agronomy, 2022, 12, 543.	3.0	13
33	Influence of temperature and duration of heat treatment used for anaerobic seed sludge on biohydrogen fermentation. KSCE Journal of Civil Engineering, 2010, 14, 141-147.	1.9	12
34	Performance of bioelectrode based on different carbon materials in bioelectrochemical anaerobic digestion for methanation of maize straw. Science of the Total Environment, 2022, 832, 154997.	8.0	12
35	Surface Modification of Sediment with Surfactant for Capping Material on Contaminated Coastal Sediment. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	9
36	Effect of dietary nutrient composition on the growth of olive flounder (ParalichthysÂolivaceus) with different feeding regimes. Fish Physiology and Biochemistry, 2010, 36, 377-385.	2.3	8

#	Article	IF	Citations
37	Electric Field-Driven Direct Interspecies Electron Transfer for Bioelectrochemical Methane Production from Fermentable and Non-Fermentable Substrates. Processes, 2020, 8, 1293.	2.8	8
38	Influence of Applied Voltage for Bioelectrochemical Anaerobic Digestion of Sewage Sludge. Daehan Hwan'gyeong Gonghag Hoeji, 2015, 37, 542-549.	1.1	7
39	Electrostatic Fields Promote Methanogenesis More than Polarized Bioelectrodes in Anaerobic Reactors with Conductive Materials. ACS Omega, 2021, 6, 29703-29712.	3.5	7
40	Contribution of Yeast Extract, Activated Carbon, and an Electrostatic Field to Interspecies Electron Transfer for the Bioelectrochemical Conversion of Coal to Methane. Energies, 2019, 12, 4051.	3.1	6
41	Dual layered CNT structure air cathode for power generation from microbial fuel cells. KSCE Journal of Civil Engineering, 2013, 17, 646-650.	1.9	5
42	Application of Reticulated Vitreous Carbons doped with low-cost catalysts as the cathodes in microbial fuel cells. KSCE Journal of Civil Engineering, 2017, 21, 623-628.	1.9	5
43	Influence of applied voltage and conductive material in DIET promotion for methane generation. International Journal of Hydrogen Energy, 2022, 47, 10228-10238.	7.1	5
44	Biohydrogen production from sewage sludge using a continuous hydrogen fermentation system with a heat treatment vessel. KSCE Journal of Civil Engineering, 2010, 14, 673-679.	1.9	4
45	A facile method for preparation of efficient oxygen reduction catalyst for a microbial fuel cell cathode. KSCE Journal of Civil Engineering, 2018, 22, 31-39.	1.9	4
46	Cadmium-Sensitive Measurement Using a Nano-Copper-Enhanced Carbon Fiber Electrode. Sensors, 2019, 19, 4901.	3.8	4
47	Effect of Electrostatic Field Strength on Bioelectrochemical Nitrogen Removal from Nitrogen-Rich Wastewater. Energies, 2020, 13, 3218.	3.1	3
48	Promoting direct interspecies electron transfer for methane production in bioelectrochemical anaerobic digestion: Impact of electrode surface area and switching circuit. International Journal of Hydrogen Energy, 2022, 47, 21984-21996.	7.1	3
49	Influence of applied voltage and COD on the bioelectrochemical degradation of organic matter. Desalination and Water Treatment, 2015, 53, 2732-2739.	1.0	2
50	Characteristics and continuous operation of floating air-cathode microbial fuel cell (FA-MFC) for wastewater treatment and electricity generation. KSCE Journal of Civil Engineering, 2011, 15, 245-249.	1.9	0