

Jia Liu

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

4,319
citations

87843

38
h-index

123376

61
g-index

110
all docs

110
docs citations

110
times ranked

3783
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Fabrication of Bi/Sn bimetallic electrode for high-performance electrochemical reduction of carbon dioxide to formate. <i>Chemical Engineering Journal</i> , 2022, 428, 130901. | 6.6 | 27 |
| 2 | Economic affordable carbonized phenolic foam anode with controlled structure for microbial fuel cells. <i>Science of the Total Environment</i> , 2022, 810, 151314. | 3.9 | 12 |
| 3 | Thermal reduced graphene oxide enhanced in-situ H ₂ O ₂ generation and electrochemical advanced oxidation performance of air-breathing cathode. <i>Environmental Research</i> , 2022, 204, 112327. | 3.7 | 9 |
| 4 | Simultaneous nutrient-energy recovery from source-separated urine based on bioelectrically enhanced bipolar membrane-driven in-situ alkali production coupling with gas-permeable membrane system. <i>Chemical Engineering Journal</i> , 2022, 431, 134161. | 6.6 | 9 |
| 5 | Heterogeneous Structure Regulated by Selection Pressure on Bacterial Adhesion Optimized the Viability Stratification Structure of Electroactive Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2754-2767. | 4.0 | 13 |
| 6 | Improved membrane permeability with cetyltrimethylammonium bromide (CTAB) addition for enhanced bidirectional transport of substrate and electron shuttles. <i>Science of the Total Environment</i> , 2022, 822, 153443. | 3.9 | 7 |
| 7 | Simultaneous recovery of nutrients and power generation from source-separated urine based on bioelectrical coupling with the hydrophobic gas permeable tube system. <i>Science of the Total Environment</i> , 2022, 824, 153788. | 3.9 | 6 |
| 8 | Electrosynthesis of H ₂ O ₂ through a two-electron oxygen reduction reaction by carbon based catalysts: From mechanism, catalyst design to electrode fabrication. <i>Environmental Science and Ecotechnology</i> , 2022, 11, 100170. | 6.7 | 29 |
| 9 | Energy efficient bioelectro-concentration and recovery system of nutrients from human urine by integrating forward osmosis. <i>Resources, Conservation and Recycling</i> , 2022, 181, 106253. | 5.3 | 10 |
| 10 | Effects of ammonia on electrochemical active biofilm in microbial electrolysis cells for synthetic swine wastewater treatment. <i>Water Research</i> , 2022, 219, 118570. | 5.3 | 20 |
| 11 | Preparation of boronic acid and carboxylâ€”modified molecularly imprinted polymer and application in a novel chromatography mediated hollow fiber membrane to selectively extract glucose from cellulose hydrolysis. <i>Journal of Separation Science</i> , 2022, 45, 2415-2428. | 1.3 | 4 |
| 12 | Accelerating the extracellular electron transfer of <i>Shewanella oneidensis</i> MR-1 by carbon dots: The role of carbon dots concentration. <i>Electrochimica Acta</i> , 2022, 421, 140490. | 2.6 | 6 |
| 13 | Microwave (MW)-assisted design of cobalt anchored 2D graphene-like carbon nanosheets (Co@GCNs) as peroxydisulfate activator for tetracycline degradation and insight into the catalytic mechanism. <i>Separation and Purification Technology</i> , 2022, 295, 121358. | 3.9 | 16 |
| 14 | Boosting oxygen reduction and permeability properties of doped iron-porphyrin membrane cathode in microbial fuel cells. <i>Bioresource Technology</i> , 2021, 320, 124343. | 4.8 | 6 |
| 15 | Effects of high ammonia loading and in-situ short-cut nitrification in low carbonâ€”nitrogen ratio wastewater treatment by biocathode microbial electrochemical system. <i>Science of the Total Environment</i> , 2021, 755, 142641. | 3.9 | 19 |
| 16 | Enhanced oxygen reduction activity and high-quality effluent of membrane filtration electrodes with Prussian blue in microbial fuel cells. <i>Science of the Total Environment</i> , 2021, 753, 142021. | 3.9 | 6 |
| 17 | Electroreduction of CO ₂ to formate with excellent selectivity and stability on nano-dendrite Bi film electrode. <i>Journal of CO₂ Utilization</i> , 2021, 43, 101360. | 3.3 | 22 |
| 18 | Formate production from CO ₂ electroreduction in a salinity-gradient energy intensified microbial electrochemical system. <i>Bioresource Technology</i> , 2021, 320, 124292. | 4.8 | 12 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Enhanced electrocatalytic activity and antifouling performance by iron phthalocyanine doped filtration membrane cathode. <i>Chemical Engineering Journal</i> , 2021, 413, 127536. | 6.6 | 11 |
| 20 | Graphene family for hydrogen peroxide production in electrochemical system. <i>Science of the Total Environment</i> , 2021, 769, 144491. | 3.9 | 14 |
| 21 | Self-driving CO ₂ -to-formate electro-conversion on Bi film electrode in novel microbial reverse-electrodialysis CO ₂ reduction cell. <i>Chemical Engineering Journal</i> , 2021, 414, 128671. | 6.6 | 15 |
| 22 | High performance cathode membrane by using zinc phthalocyanine for improved oxygen reduction reaction activity and reduced membrane fouling. <i>Journal of Power Sources</i> , 2021, 509, 230365. | 4.0 | 2 |
| 23 | Tailoring spatial structure of electroactive biofilm for enhanced activity and direct electron transfer on iron phthalocyanine modified anode in microbial fuel cells. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113410. | 5.3 | 26 |
| 24 | Preparation of a magnetic and recyclable superparamagnetic silica support with a boronic acid group for immobilizing Pd catalysts and its applications in Suzuki reactions. <i>RSC Advances</i> , 2021, 11, 33692-33702. | 1.7 | 5 |
| 25 | Tailoring Surface Properties of Electrodes for Synchronous Enhanced Extracellular Electron Transfer and Enriched Exoelectrogens in Microbial Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58508-58521. | 4.0 | 25 |
| 26 | In-situ Cu(II) enrichment and recovery from low-strength copper-laden wastewater using a novel electrically enhanced microbial copper recovery cell (MCRC). <i>Chemical Engineering Journal</i> , 2020, 382, 122788. | 6.6 | 24 |
| 27 | Enhanced electricity generation and extracellular electron transfer by polydopamine- <i>reduced</i> graphene oxide (PDA- <i>rGO</i>) modification for high-performance anode in microbial fuel cell. <i>Chemical Engineering Journal</i> , 2020, 387, 123408. | 6.6 | 97 |
| 28 | Surface modification by β -cyclodextrin/polyquaternium-11 composite for enhanced biofilm formation in microbial fuel cells. <i>Journal of Power Sources</i> , 2020, 480, 228789. | 4.0 | 11 |
| 29 | Synergistic effect between poly(diallyldimethylammonium chloride) and reduced graphene oxide for high electrochemically active biofilm in microbial fuel cell. <i>Electrochimica Acta</i> , 2020, 359, 136949. | 2.6 | 29 |
| 30 | Efficient CO ₂ conversion to formic acid in a novel microbial photoelectrochemical cell using a visible-light responsive Co ₃ O ₄ nanorod-arrayed photocathode. <i>Applied Catalysis B: Environmental</i> , 2020, 276, 119102. | 10.8 | 33 |
| 31 | Electrochemical regulation on the metabolism of anode biofilms under persistent exogenous bacteria interference. <i>Electrochimica Acta</i> , 2020, 340, 135922. | 2.6 | 20 |
| 32 | MOF-Derived Cu ₂ O/Cu Nanospheres Anchored in Nitrogen-Doped Hollow Porous Carbon Framework for Increasing the Selectivity and Activity of Electrochemical CO ₂ -to-Formate Conversion. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7030-7037. | 4.0 | 69 |
| 33 | In-situ enrichment and removal of Cu(II) and Cd(II) from low-strength wastewater by a novel microbial metals enrichment and recovery cell (MMERC). <i>Journal of Power Sources</i> , 2020, 451, 227627. | 4.0 | 13 |
| 34 | Preparation of Al ³⁺ -O-Linked Porous-g-C ₃ N ₄ /TiO ₂ -Nanotube Z-Scheme Composites for Efficient Photocatalytic CO ₂ Conversion and 2,4-Dichlorophenol Decomposition and Mechanism. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15289-15296. | 3.2 | 40 |
| 35 | Tuning the pore structure of porous tin foam electrodes for enhanced electrochemical reduction of carbon dioxide to formate. <i>Chemical Engineering Journal</i> , 2019, 375, 122024. | 6.6 | 56 |
| 36 | A novel single chamber vertical baffle flow biocathode microbial electrochemical system with microbial separator. <i>Bioresource Technology</i> , 2019, 294, 122236. | 4.8 | 12 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Enhanced nutrients enrichment and removal from eutrophic water using a self-sustaining in situ photomicrobial nutrients recovery cell (PNRC). <i>Water Research</i> , 2019, 167, 115097. | 5.3 | 33 |
| 38 | Operation strategy of cubic-meter scale microbial electrochemistry system in a municipal wastewater treatment plant. <i>Journal of Power Sources</i> , 2019, 441, 227124. | 4.0 | 25 |
| 39 | Electrochemical reduction of carbon dioxide to formate via nano-prism assembled CuO microspheres. <i>Chemosphere</i> , 2019, 237, 124527. | 4.2 | 21 |
| 40 | Enhanced electron transfer and methane production from low-strength wastewater using a new granular activated carbon modified with nano-Fe ₃ O ₄ . <i>Chemical Engineering Journal</i> , 2019, 374, 1344-1352. | 6.6 | 94 |
| 41 | Efficient photocatalytic CO ₂ reduction by Pâ€“O linked g-C ₃ N ₄ /TiO ₂ -nanotubes Z-scheme composites. <i>Energy</i> , 2019, 178, 168-175. | 4.5 | 52 |
| 42 | Enhanced electricity generation and water pressure tolerance using carbon black-based sintered filtration air-cathodes in microbial fuel cells. <i>Chemical Engineering Journal</i> , 2019, 369, 652-659. | 6.6 | 23 |
| 43 | Heterotopic formaldehyde biodegradation through UV/H ₂ O ₂ system with biosynthetic H ₂ O ₂ . <i>Water Environment Research</i> , 2019, 91, 598-605. | 1.3 | 13 |
| 44 | Enhanced photocatalytic CO ₂ reduction and 2,4-dichlorophenol degradation of TiO ₂ nanotubes via bi-directionally controlling electrons and holes. <i>Chemosphere</i> , 2019, 226, 704-714. | 4.2 | 11 |
| 45 | Field tests of cubic-meter scale microbial electrochemical system in a municipal wastewater treatment plant. <i>Water Research</i> , 2019, 155, 372-380. | 5.3 | 83 |
| 46 | Carbon-Based Materials in Microbial Fuel Cells. , 2019, , 49-74. | | 8 |
| 47 | The influence of the filtration membrane air-cathode biofilm on wastewater treatment. <i>Bioresource Technology</i> , 2018, 256, 17-21. | 4.8 | 8 |
| 48 | Fabrication of Nano-Structured Stacked Sphere SnO ₂ -Sb Electrode with Enhanced Performance Using a Situ Solvothermal Synthesis Method. <i>Journal of the Electrochemical Society</i> , 2018, 165, E208-E213. | 1.3 | 13 |
| 49 | Enhanced Charge Separation of TiO ₂ Nanotubes Photoelectrode for Efficient Conversion of CO ₂ . <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12953-12960. | 3.2 | 8 |
| 50 | Nanomaterials for facilitating microbial extracellular electron transfer: Recent progress and challenges. <i>Bioelectrochemistry</i> , 2018, 123, 190-200. | 2.4 | 83 |
| 51 | Enhanced antifouling performance for modified carbon nanotubes filtration cathode by the electric field. <i>Journal of Power Sources</i> , 2018, 400, 493-501. | 4.0 | 13 |
| 52 | Enhanced electricity generation and effective water filtration using graphene-based membrane air-cathodes in microbial fuel cells. <i>Journal of Power Sources</i> , 2018, 395, 221-227. | 4.0 | 36 |
| 53 | Surface properties of activated sludge-derived biochar determine the facilitating effects on <i>Geobacter</i> co-cultures. <i>Water Research</i> , 2018, 142, 441-451. | 5.3 | 104 |
| 54 | A Pilot-scale Benthic Microbial Electrochemical System (BMES) for Enhanced Organic Removal in Sediment Restoration. <i>Scientific Reports</i> , 2017, 7, 39802. | 1.6 | 27 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Enhanced performance of microbial fuel cell with a bacteria/multi-walled carbon nanotube hybrid biofilm. <i>Journal of Power Sources</i> , 2017, 361, 318-325. | 4.0 | 63 |
| 56 | Enhanced <i>Shewanella oneidensis</i> MR-1 anode performance by adding fumarate in microbial fuel cell. <i>Chemical Engineering Journal</i> , 2017, 328, 697-702. | 6.6 | 54 |
| 57 | Enhanced Electricity Generation and Pollutant Degradation by Hybrid Photoelectrochemical and Microbial Fuel Cells. <i>Energy Technology</i> , 2017, 5, 402-405. | 1.8 | 12 |
| 58 | Analysis of Anodes of Microbial Fuel Cells When Carbon Brushes Are Preheated at Different Temperatures. <i>Catalysts</i> , 2017, 7, 312. | 1.6 | 12 |
| 59 | Effect of long-term operation on stability and electrochemical response under water pressure for activated carbon cathodes in microbial fuel cells. <i>Chemical Engineering Journal</i> , 2016, 299, 314-319. | 6.6 | 14 |
| 60 | Energy-positive nitrogen removal from reject water using a tide-type biocathode microbial electrochemical system. <i>Bioresource Technology</i> , 2016, 222, 317-325. | 4.8 | 13 |
| 61 | Pressurized air cathodes for enhanced stability and power generation by microbial fuel cells. <i>Journal of Power Sources</i> , 2016, 332, 447-453. | 4.0 | 22 |
| 62 | Enhanced catalytic activity and inhibited biofouling of cathode in microbial fuel cells through controlling hydrophilic property. <i>Journal of Power Sources</i> , 2016, 332, 454-460. | 4.0 | 25 |
| 63 | Microwave-assisted synthesis of nitrogen-doped activated carbon as an oxygen reduction catalyst in microbial fuel cells. <i>RSC Advances</i> , 2016, 6, 90410-90416. | 1.7 | 18 |
| 64 | Enhanced Oxygen and Hydroxide Transport in a Cathode Interface by Efficient Antibacterial Property of a Silver Nanoparticle-Modified, Activated Carbon Cathode in Microbial Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 20814-20821. | 4.0 | 22 |
| 65 | Cascade degradation of organic matters in brewery wastewater using a continuous stirred microbial electrochemical reactor and analysis of microbial communities. <i>Scientific Reports</i> , 2016, 6, 27023. | 1.6 | 29 |
| 66 | Enhanced Power Generation of Oxygen-Reducing Biocathode with an Alternating Hydrophobic and Hydrophilic Surface. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31995-32003. | 4.0 | 15 |
| 67 | Combined effects of carbon, phosphorus and nitrogen on lipid accumulation of <i>Chlorella vulgaris</i> in mixotrophic culture. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 680-684. | 1.6 | 42 |
| 68 | Diffusion layer characteristics for increasing the performance of activated carbon air cathodes in microbial fuel cells. <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 266-273. | 1.2 | 38 |
| 69 | A new design of activated carbon membrane air-cathode for wastewater treatment and energy recovery. <i>RSC Advances</i> , 2016, 6, 4587-4592. | 1.7 | 12 |
| 70 | Analysis of the effect of biofouling distribution on electricity output in microbial fuel cells. <i>RSC Advances</i> , 2016, 6, 27494-27500. | 1.7 | 23 |
| 71 | Microbial fuel cells with an integrated spacer and separate anode and cathode modules. <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 186-195. | 1.2 | 49 |
| 72 | A combined system of microbial fuel cell and intermittently aerated biological filter for energy self-sufficient wastewater treatment. <i>Scientific Reports</i> , 2015, 5, 18070. | 1.6 | 49 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Enhancing Low-Grade Thermal Energy Recovery in a Thermally Regenerative Ammonia Battery Using Elevated Temperatures. <i>ChemSusChem</i> , 2015, 8, 1043-1048. | 3.6 | 84 |
| 74 | A 90-liter stackable baffled microbial fuel cell for brewery wastewater treatment based on energy self-sufficient mode. <i>Bioresource Technology</i> , 2015, 195, 66-72. | 4.8 | 264 |
| 75 | Effects of azide on current generation and microbial community in air-cathode MFCs. <i>RSC Advances</i> , 2015, 5, 14235-14241. | 1.7 | 11 |
| 76 | Azide as an oxidant in the cathodic reaction of bioelectrochemical systems (BESs). <i>RSC Advances</i> , 2015, 5, 97076-97079. | 1.7 | 1 |
| 77 | Wafer-scale metamaterials for polarization-insensitive and dual-band perfect absorption. <i>Nanoscale</i> , 2015, 7, 18914-18917. | 2.8 | 17 |
| 78 | Simultaneous current generation and ammonia recovery from real urine using nitrogen-purged bioelectrochemical systems. <i>RSC Advances</i> , 2015, 5, 70371-70378. | 1.7 | 16 |
| 79 | Conjugated oligoelectrolyte represses hydrogen oxidation by <i>Geobacter sulfurreducens</i> in microbial electrolysis cells. <i>Bioelectrochemistry</i> , 2015, 106, 379-382. | 2.4 | 11 |
| 80 | Factors affecting microalgae harvesting efficiencies using electrocoagulation-flotation for lipid extraction. <i>RSC Advances</i> , 2015, 5, 5795-5800. | 1.7 | 10 |
| 81 | A thermally regenerative ammonia-based battery for efficient harvesting of low-grade thermal energy as electrical power. <i>Energy and Environmental Science</i> , 2015, 8, 343-349. | 15.6 | 165 |
| 82 | Reference and counter electrode positions affect electrochemical characterization of bioanodes in different bioelectrochemical systems. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1931-1939. | 1.7 | 61 |
| 83 | A novel boost circuit design and in situ electricity application for elemental sulfur recovery. <i>Journal of Power Sources</i> , 2014, 248, 317-322. | 4.0 | 18 |
| 84 | Enhanced electricity generation for microbial fuel cell by using electrochemical oxidation to modify carbon cloth anode. <i>Journal of Power Sources</i> , 2014, 265, 391-396. | 4.0 | 87 |
| 85 | A horizontal plug flow and stackable pilot microbial fuel cell for municipal wastewater treatment. <i>Bioresource Technology</i> , 2014, 156, 132-138. | 4.8 | 237 |
| 86 | Intermittent contact of fluidized anode particles containing exoelectrogenic biofilms for continuous power generation in microbial fuel cells. <i>Journal of Power Sources</i> , 2014, 261, 278-284. | 4.0 | 62 |
| 87 | Long-Term Performance of Chemically and Physically Modified Activated Carbons in Air Cathodes of Microbial Fuel Cells. <i>ChemElectroChem</i> , 2014, 1, 1859-1866. | 1.7 | 143 |
| 88 | Repression of hydrogen uptake using conjugated oligoelectrolytes in microbial electrolysis cells. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 19407-19415. | 3.8 | 9 |
| 89 | Coupling interaction of cathodic reduction and microbial metabolism in aerobic biocathode of microbial fuel cell. <i>RSC Advances</i> , 2014, 4, 34350-34355. | 1.7 | 40 |
| 90 | Patterned ion exchange membranes for improved power production in microbial reverse-electrodialysis cells. <i>Journal of Power Sources</i> , 2014, 271, 437-443. | 4.0 | 58 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Using ammonium bicarbonate as pore former in activated carbon catalyst layer to enhance performance of air cathode microbial fuel cell. <i>Journal of Power Sources</i> , 2014, 272, 909-914. | 4.0 | 60 |
| 92 | Electricity Generation and Pollutant Degradation Using a Novel Biocathode Coupled Photoelectrochemical Cell. <i>Environmental Science & Technology</i> , 2014, 48, 7634-7641. | 4.6 | 90 |
| 93 | Effects of azide on electron transport of exoelectrogens in air-cathode microbial fuel cells. <i>Bioresource Technology</i> , 2014, 169, 265-270. | 4.8 | 15 |
| 94 | Poly(vinylidene fluoride-co-hexafluoropropylene) phase inversion coating as a diffusion layer to enhance the cathode performance in microbial fuel cells. <i>Journal of Power Sources</i> , 2014, 269, 379-384. | 4.0 | 29 |
| 95 | Methane Production in Microbial Reverse-Electrodialysis Methanogenesis Cells (MRMCs) Using Thermolytic Solutions. <i>Environmental Science & Technology</i> , 2014, 48, 8911-8918. | 4.6 | 76 |
| 96 | A microbial fluidized electrode electrolysis cell (MFEEC) for enhanced hydrogen production. <i>Journal of Power Sources</i> , 2014, 271, 530-533. | 4.0 | 42 |
| 97 | The electrochemical behavior of three air cathodes for microbial electrochemical system (MES) under meter scale water pressure. <i>Journal of Power Sources</i> , 2014, 267, 219-226. | 4.0 | 39 |
| 98 | Salt removal using multiple microbial desalination cells under continuous flow conditions. <i>Desalination</i> , 2013, 317, 17-22. | 4.0 | 67 |
| 99 | The Effect of Carbon Particle-Size on N-Doped Carbon Catalyst for Oxygen Reduction Reaction in Microbial Fuel Cells. <i>Applied Mechanics and Materials</i> , 2012, 178-181, 495-498. | 0.2 | 1 |
| 100 | Electricity generation using eight amino acids by air-cathode microbial fuel cells. <i>Fuel</i> , 2012, 102, 478-482. | 3.4 | 21 |
| 101 | Simultaneous water desalination and electricity generation in a microbial desalination cell with electrolyte recirculation for pH control. <i>Bioresource Technology</i> , 2012, 106, 89-94. | 4.8 | 159 |
| 102 | Application of nitrogen-doped carbon powders as low-cost and durable cathodic catalyst to air-cathode microbial fuel cells. <i>Bioresource Technology</i> , 2012, 108, 89-93. | 4.8 | 81 |
| 103 | Effects of sulfide on microbial fuel cells with platinum and nitrogen-doped carbon powder cathodes. <i>Biosensors and Bioelectronics</i> , 2012, 35, 413-415. | 5.3 | 45 |
| 104 | The effect of water proofing on the performance of nickel foam cathode in microbial fuel cells. <i>Journal of Power Sources</i> , 2012, 198, 100-104. | 4.0 | 40 |
| 105 | The use of double-sided cloth without diffusion layers as air-cathode in microbial fuel cells. <i>Journal of Power Sources</i> , 2011, 196, 8409-8412. | 4.0 | 39 |
| 106 | Performance of a batch two-chambered microbial fuel cell operated at different anode potentials. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 590-594. | 1.6 | 15 |
| 107 | Onsite bio-detoxification of steam-exploded corn stover for cellulosic ethanol production. <i>Bioresource Technology</i> , 2011, 102, 5123-5128. | 4.8 | 47 |
| 108 | Sequestration of CO ₂ discharged from anode by algal cathode in microbial carbon capture cells (MCCs). <i>Biosensors and Bioelectronics</i> , 2010, 25, 2639-2643. | 5.3 | 214 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Power generation using adjustable Nafion/PTFE mixed binders in air-cathode microbial fuel cells. Biosensors and Bioelectronics, 2010, 26, 946-948. | 5.3 | 42 |