# Xian-ning Li

List of Publications by Year
in descending order



| 53 | 2,274 | 249298 | 242451 |
|---|---|---|---|
| papers | citations | 26 h-index | 47 g-index |

| 54 | 54 | 54 | 1840 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effects of carbon source on electricity generation and PAH removal in aquaculture sediment microbial fuel cells. Environmental Technology (United Kingdom), 2022, 43, 4066-4077. | 1.2 | 5 |
| 2 | Effect of starch-derived organic acids on the removal of polycyclic aromatic hydrocarbons in an aquaculture-sediment microbial fuel cell. Journal of Environmental Management, 2022, 311, 114783. | 3.8 | 11 |
| 3 | The use of a self-generated current in a coupled MFC-AnMBR system to alleviate membrane fouling. Chemical Engineering Journal, 2022, 442, 136090. | 6.6 | 9 |
| 4 | Efficient use of electrons in a double-anode microbial fuel cellâ€“biofilm electrode reactor self-powered coupled system for degradation of azo dyes. Chemosphere, 2022, 302, 134760. | 4.2 | 4 |
| 5 | Simultaneous copper migration and removal from soil and water using a three-chamber microbial fuel cell. Environmental Technology (United Kingdom), 2021, 42, 4519-4527. | 1.2 | 5 |
| 6 | Limitation of voltage reversal in the degradation of azo dye by a stacked double-anode microbial fuel cell and characterization of the microbial community structure. Science of the Total Environment, 2021, 754, 142454. | 3.9 | 18 |
| 7 | Influence mechanism of heavy metal removal under microcurrent action. Separation and Purification Technology, 2021, 263, 118351. | 3.9 | 2 |
| 8 | Effects of cathode/anode electron accumulation on soil microbial fuel cell power generation and heavy metal removal. Environmental Research, 2021, 198, 111217. | 3.7 | 11 |
| 9 | Aerobic Denitrification Is Enhanced Using Biocathode of SMFC in Low-Organic Matter Wastewater. Water (Switzerland), 2021, 13, 3512. | 1.2 | 5 |
| 10 | The synergistic effect of biophoto anode for the enhancement of current generation and degradation. Environmental Technology (United Kingdom), 2020, 41, 3420-3430. | 1.2 | 13 |
| 11 | Relationship between bioelectrochemical copper migration, reduction and electricity in a three-chamber microbial fuel cell. Chemosphere, 2020, 241, 125097. | 4.2 | 28 |
| 12 | Effect of soil type on heavy metals removal in bioelectrochemical system. Bioelectrochemistry, 2020, 136, 107596. | 2.4 | 19 |
| 13 | Simultaneous enhancement of heavy metal removal and electricity generation in soil microbial fuel cell. Ecotoxicology and Environmental Safety, 2020, 192, 110314. | 2.9 | 52 |
| 14 | Preparation of needle-like Fe3O4/Fe2O3 nanorods on stainless steel plates to form inexpensive, high-performance bioanodes. Journal of Electroanalytical Chemistry, 2019, 855, 113497. | 1.9 | 12 |
| 15 | The Azo Dye Degradation and Differences Between the Two Anodes on the Microbial Community in a Double-Anode Microbial Fuel Cell. Water, Air, and Soil Pollution, 2019, 230, 1. | 1.1 | 8 |
| 16 | Enhancement of azo dye degradation and power generation in a photoelectrocatalytic microbial fuel cell by simple cathodic reduction on titania nanotube arrays electrode. Journal of Power Sources, 2019, 415, 145-153. | 4.0 | 44 |
| 17 | Characterization of electricity generation and microbial community structure over long-term operation of a microbial fuel cell. Bioresource Technology, 2019, 285, 121395. | 4.8 | 30 |
| 18 | Enhanced degradation of bisphenol A and ibuprofen by an up-flow microbial fuel cell-coupled constructed wetland and analysis of bacterial community structure. Chemosphere, 2019, 217, 599-608. | 4.2 | 75 |

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|---|---|---|---|
| 19 | Azo dye as part of co-substrate in a biofilm electrode reactorâ€“microbial fuel cell coupled system and an analysis of the relevant microorganisms. Chemosphere, 2019, 216, 742-748. | 4.2 | 43 |
| 20 | Biorefractory wastewater degradation in the cathode of constructed wetland-microbial fuel cell and the study of the electrode performance. International Biodeterioration and Biodegradation, 2018, 129, 1-9. | 1.9 | 46 |
| 21 | Augmenting atrazine and hexachlorobenzene degradation under different soil redox conditions in a bioelectrochemistry system and an analysis of the relevant microorganisms. Ecotoxicology and Environmental Safety, 2018, 147, 735-741. | 2.9 | 39 |
| 22 | Azo dye degradation pathway and bacterial community structure in biofilm electrode reactors. Chemosphere, 2018, 208, 219-225. | 4.2 | 53 |
| 23 | Electrode and azo dye decolorization performance in microbial-fuel-cell-coupled constructed wetlands with different electrode size during long-term wastewater treatment. Bioresource Technology, 2017, 238, 450-460. | 4.8 | 62 |
| 24 | Bioelectrochemical approach for control of methane emission from wetlands. Bioresource Technology, 2017, 241, 812-820. | 4.8 | 58 |
| 25 | Reductive dechlorination of hexachlorobenzene subjected to several conditions in a bioelectrochemical system. Ecotoxicology and Environmental Safety, 2017, 139, 172-178. | 2.9 | 25 |
| 26 | The degradation of azo dye with different cathode and anode structures in biofilm electrode reactors. RSC Advances, 2017, 7, 16854-16860. | 1.7 | 7 |
| 27 | Feasibility study of simultaneous azo dye decolorization and bioelectricity generation by microbial fuel cell-coupled constructed wetland: substrate effects. RSC Advances, 2017, 7, 16542-16552. | 1.7 | 36 |
| 28 | Two-Phase Anaerobic Digester Combined with Solar Thermal and Phase Change Thermal Storage System in Winter. Energy & Fuels, 2017, 31, 4003-4012. | 2.5 | 9 |
| 29 | Enhanced degradation of azo dye by a stacked microbial fuel cell-biofilm electrode reactor coupled system. Bioresource Technology, 2017, 227, 273-278. | 4.8 | 49 |
| 30 | Microbial fuel cell-photoelectrocatalytic cell combined system for the removal of azo dye wastewater. Bioresource Technology, 2017, 244, 182-191. | 4.8 | 43 |
| 31 | Sequential reduction/oxidation of azo dyes in a three-dimensional biofilm electrode reactor. Chemosphere, 2017, 186, 287-294. | 4.2 | 29 |
| 32 | Enhanced Degradation of Atrazine by Soil Microbial Fuel Cells and Analysis of Bacterial Community Structure. Water, Air, and Soil Pollution, 2017, 228, 1. | 1.1 | 16 |
| 33 | Simultaneous degradation of refractory organic pesticide and bioelectricity generation in a soil microbial fuel cell with different conditions. Environmental Technology (United Kingdom), 2017, 38, 1043-1050. | 1.2 | 19 |
| 34 | Effects of electrode gap and wastewater condition on the performance of microbial fuel cell coupled constructed wetland. Environmental Technology (United Kingdom), 2017, 38, 1051-1060. | 1.2 | 33 |
| 35 | Effects of Electrical Stimulation on the Degradation of Azo Dye in Three-Dimensional Biofilm Electrode Reactors. Water (Switzerland), 2017, 9, 301. | 1.2 | 6 |
| 36 | Improved biogas production and biodegradation of oilseed rape straw by using kitchen waste and duck droppings as co-substrates in two-phase anaerobic digestion. PLoS ONE, 2017, 12, e0182361. | 1.1 | 15 |

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|---|---|---|---|
| 37 | A microbial fuel cell-coupled constructed wetland promotes degradation of azo dye decolorization products. Ecological Engineering, 2016, 94, 455-463. | 1.6 | 85 |
| 38 | New process for copper migration by bioelectricity generation in soil microbial fuel cells. Environmental Science and Pollution Research, 2016, 23, 13147-13154. | 2.7 | 50 |
| 39 | The performance of the microbial fuel cell-coupled constructed wetland system and the influence of the anode bacterial community. Environmental Technology (United Kingdom), 2016, 37, 1683-1692. | 1.2 | 34 |
| 40 | Electricity production from Azo dye wastewater using a microbial fuel cell coupled constructed wetland operating under different operating conditions. Biosensors and Bioelectronics, 2015, 68, 135-141. | 5.3 | 211 |
| 41 | Synthesis of polyacrylamide/modified silica composite hydrogels for synergistic complexation of heavy metal ions. Desalination and Water Treatment, 2015, 53, 230-237. | 1.0 | 8 |
| 42 | Simultaneous degradation of toxic refractory organic pesticide and bioelectricity generation using a soil microbial fuel cell. Bioresource Technology, 2015, 189, 87-93. | 4.8 | 164 |
| 43 | Effect of direct electrical stimulation on decolorization and degradation of azo dye reactive brilliant red X-3B in biofilm-electrode reactors. Biochemical Engineering Journal, 2015, 93, 294-302. | 1.8 | 76 |
| 44 | Analysis on the formation condition of the algae-induced odorous black water agglomerate. Saudi Journal of Biological Sciences, 2014, 21, 597-604. | 1.8 | 65 |
| 45 | Ion-imprinted poly(2-acrylamido-2-methyl-1-propansulfonic acid)/modified silica composite hydrogel for selective and enhanced adsorption of Pb(II) ions. Desalination and Water Treatment, 2014, 52, 274-282. | 1.0 | 7 |
| 46 | Role of biologic components in a novel floating-bed combining Ipomoea aquatic, Corbicula fluminea and biofilm carrier media. Frontiers of Environmental Science and Engineering, 2014, 8, 215-225. | 3.3 | 18 |
| 47 | Feedback of threshold via estimating sources and composition of sedimentary organic matter across trophic gradients in freshwater lakes. Science of the Total Environment, 2014, 500-501, 373-382. | 3.9 | 17 |
| 48 | Bio-cathode materials evaluation and configuration optimization for power output of vertical subsurface flow constructed wetland â€" Microbial fuel cell systems. Bioresource Technology, 2014, 166, 575-583. | 4.8 | 183 |
| 49 | Ion-Imprinted Composite Hydrogels with Excellent Mechanical Strength for Selective and Fast Removal of Cu<sup>2+</sup>. Industrial & Engineering Chemistry Research, 2013, 52, 572-577. | 1.8 | 28 |
| 50 | Performance of microbial fuel cell coupled constructed wetland system for decolorization of azo dye and bioelectricity generation. Bioresource Technology, 2013, 144, 165-171. | 4.8 | 267 |
| 51 | Power Generation Enhancement by Utilizing Plant Photosynthate in Microbial Fuel Cell Coupled Constructed Wetland System. International Journal of Photoenergy, 2013, 2013, 1-10. | 1.4 | 101 |
| 52 | Enhanced removal of organic matter and nitrogen in a vertical-flow constructed wetland withEisenia foetida. Desalination and Water Treatment, 2013, 51, 7460-7468. | 1.0 | 13 |
| 53 | Elimination of estrogens and estrogenic activity from sewage treatment works effluents in subsurface and surface flow constructed wetlands. International Journal of Environmental Analytical Chemistry, 2011, 91, 600-614. | 1.8 | 8 |