# Yingqun

## List of Publications by Year in Descending Order



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| 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 | Recycling of neomycin fermentation residue using SEA-CBS technology: Growth performance and antibiotic resistance genes. *Science of the Total Environment*, **2022**, 807, 150860 | 10.2 | 1 |
| 58 | Waste cooking oil used as carbon source for microbial lipid production: Promoter or inhibitor. *Environmental Research*, **2022**, 203, 111881 | 7.9 | 10 |
| 57 | An enhanced rural anoxic/oxic biological contact oxidation process with air-lift reflux technique to strengthen total nitrogen removal and reduce sludge generation. *Journal of Cleaner Production*, **2022**, 348, 131371 | 10.3 | 2 |
| 56 | Efficiency and Cost of Bioecological Rural Wastewater Treatment Powered Almost by Wind and Solar. *ACS ES&T Water*, **2021**, 1, 562-572 | | 1 |
| 55 | 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. *Water (Switzerland)*, **2021**, 13, 2822 | 3 | 0 |
| 54 | Risk Assessment and Source Apportionment of Heavy Metals in Soils from Handan City. *Applied Sciences (Switzerland)*, **2021**, 11, 9615 | 2.6 | 2 |
| 53 | Analysis of suitable private-secondary-main sewer diameters in rural areas based on cost model and hydraulic calculation. *Journal of Environmental Management*, **2021**, 281, 111925 | 7.9 | 1 |
| 52 | Time-based succession existed in rural sewer biofilms: Bacterial communities, sulfate-reducing bacteria and methanogenic archaea, and sulfide and methane generation. *Science of the Total Environment*, **2021**, 765, 144397 | 10.2 | 0 |
| 51 | Microalgal-Bacterial Granular Sludge Process in Non-Aerated Municipal Wastewater Treatment under Natural Day-Night Conditions: Performance and Microbial Community. *Water (Switzerland)*, **2021**, 13, 1479 | 3 | 5 |
| 50 | Tetracycline-induced decoupling of symbiosis in microalgal-bacterial granular sludge. *Environmental Research*, **2021**, 197, 111095 | 7.9 | 12 |
| 49 | Enhanced lignin biodegradation by consortium of white rot fungi: microbial synergistic effects and product mapping. *Biotechnology for Biofuels*, **2021**, 14, 162 | 7.8 | 7 |
| 48 | Enhancing volatile fatty acids production from waste activated sludge by a novel cation-exchange resin assistant strategy. *Journal of Cleaner Production*, **2021**, 278, 123236 | 10.3 | 48 |
| 47 | Cadmium-effect on performance and symbiotic relationship of microalgal-bacterial granules. *Journal of Cleaner Production*, **2021**, 282, 125383 | 10.3 | 18 |
| 46 | Reactivation of Frozen Stored Microalgal-Bacterial Granular Sludge under Aeration and Non-Aeration Conditions. *Water (Switzerland)*, **2021**, 13, 1974 | 3 | 3 |
| 45 | Effects of low- and high-temperature thermal-alkaline pretreatments on anaerobic digestion of waste activated sludge. *Bioresource Technology*, **2021**, 337, 125400 | 11 | 6 |
| 44 | Field tests of crop growth using hydrothermal and spray-dried cephalosporin mycelia dregs as amendments: Utilization of nutrient and soil antibiotic resistome. *Environmental Research*, **2021**, 202, 111638 | 7.9 | 1 |
| 43 | Sewers induce changes in the chemical characteristics, bacterial communities, and pathogen distribution of sewage and greywater. *Environmental Research*, **2020**, 187, 109628 | 7.9 | 6 |

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| 42 | Defensive responses of microalgal-bacterial granules to tetracycline in municipal wastewater treatment. *Bioresource Technology*, **2020**, 312, 123605 | 11 | 21 |
| 41 | An innovative alkaline protease-based pretreatment approach for enhanced short-chain fatty acids production via a short-term anaerobic fermentation of waste activated sludge. *Bioresource Technology*, **2020**, 312, 123397 | 11 | 15 |
| 40 | An appropriate technique for treating rural wastewater by a flow step feed system driven by wind-solar hybrid power. *Environmental Research*, **2020**, 187, 109651 | 7.9 | 6 |
| 39 | State of the art of straw treatment technology: Challenges and solutions forward. *Bioresource Technology*, **2020**, 313, 123656 | 11 | 25 |
| 38 | Influences of flow conditions on bacterial communities in sewage and greywater small diameter gravity sewer biofilms. *Environmental Research*, **2020**, 183, 109289 | 7.9 | 1 |
| 37 | Cation exchange resin-induced hydrolysis for improving biodegradability of waste activated sludge: Characterization of dissolved organic matters and microbial community. *Bioresource Technology*, **2020**, 302, 122870 | 11 | 38 |
| 36 | New insight into enhanced production of short-chain fatty acids from waste activated sludge by cation exchange resin-induced hydrolysis. *Chemical Engineering Journal*, **2020**, 388, 124235 | 14.7 | 55 |
| 35 | 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. *Bioresource Technology*, **2020**, 312, 123303 | 11 | 6 |
| 34 | A self-sustaining synergetic microalgal-bacterial granular sludge process towards energy-efficient and environmentally sustainable municipal wastewater treatment. *Water Research*, **2020**, 179, 115884 | 12.5 | 69 |
| 33 | Food Waste to Biofertilizer: A Potential Game Changer of Global Circular Agricultural Economy. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 5021-5023 | 5.7 | 15 |
| 32 | Greywater: Understanding biofilm bacteria succession, pollutant removal and low sulfide generation in small diameter gravity sewers. *Journal of Cleaner Production*, **2020**, 268, 122426 | 10.3 | 4 |
| 31 | 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. *Journal of Hazardous Materials*, **2020**, 398, 122930 | 12.8 | 11 |
| 30 | New insights into the co-locating concept on synergistic co-digestion of sewage sludge and food waste towards energy self-sufficient in future WWTPs. *Bioresource Technology Reports*, **2020**, 10, 100351 | 4.1 | 3 |
| 29 | Fungi characteristics of biofilms from sewage and greywater in small diameter gravity sewers. *Environmental Science: Water Research and Technology*, **2020**, 6, 532-539 | 4.2 | 5 |
| 28 | Characteristics of sewer biofilms in aerobic rural small diameter gravity sewers. *Journal of Environmental Sciences*, **2020**, 90, 1-9 | 6.4 | 9 |
| 27 | A novel micro-ferrous dosing strategy for enhancing biological phosphorus removal from municipal wastewater. *Science of the Total Environment*, **2020**, 704, 135453 | 10.2 | 28 |
| 26 | 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. *Bioresource Technology*, **2020**, 313, 123659 | 11 | 6 |
| 25 | Enhanced anaerobic fermentation of waste activated sludge by reverse osmosis brine and composition distribution in fermentative liquid. *Bioresource Technology*, **2020**, 318, 123953 | 11 | 3 |

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| 24 | Turning food waste to energy and resources towards a great environmental and economic sustainability: An innovative integrated biological approach. *Biotechnology Advances*, **2019**, 37, 107414 | 17.8 | 142 |
| 23 | Bacterial community and eutrophic index analysis of the East Lake. *Environmental Pollution*, **2019**, 252, 682-688 | 9.3 | 20 |
| 22 | A novel variable pH control strategy for enhancing lipid production from food waste: Biodiesel versus docosahexaenoic acid. *Energy Conversion and Management*, **2019**, 189, 60-66 | 10.6 | 13 |
| 21 | Current status and future prospects of sewer biofilms: Their structure, influencing factors, and substance transformations. *Science of the Total Environment*, **2019**, 695, 133815 | 10.2 | 37 |
| 20 | Biodiesel Production: Status and Perspectives **2019**, 503-522 | | 6 |
| 19 | Past, current, and future research on microalga-derived biodiesel: a critical review and bibliometric analysis. *Environmental Science and Pollution Research*, **2018**, 25, 10596-10610 | 5.1 | 33 |
| 18 | Electric energy production from food waste: Microbial fuel cells versus anaerobic digestion. *Bioresource Technology*, **2018**, 255, 281-287 | 11 | 42 |
| 17 | A bibliometric analysis of biodiesel research during 19912015. *Journal of Material Cycles and Waste Management*, **2018**, 20, 10-18 | 3.4 | 26 |
| 16 | Microbial lipid production from food waste saccharified liquid and the effects of compositions. *Energy Conversion and Management*, **2018**, 172, 306-315 | 10.6 | 20 |
| 15 | Biodiesels from microbial oils: Opportunity and challenges. *Bioresource Technology*, **2018**, 263, 631-641 | 11 | 88 |
| 14 | Feasibility and transcriptomic analysis of betalain production by biomembrane surface fermentation of Penicillium novae-zelandiae. *AMB Express*, **2018**, 8, 4 | 4.1 | 2 |
| 13 | 4-Chlorophenol Oxidation Depends on the Activation of an AraC-Type Transcriptional Regulator, CphR, in sp. Strain YH-5B. *Frontiers in Microbiology*, **2018**, 9, 2481 | 5.7 | 0 |
| 12 | 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. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 12217-12226 | 5.7 | 7 |
| 11 | Evaluation of anaerobic digestion of food waste and waste activated sludge: Soluble COD versus its chemical composition. *Science of the Total Environment*, **2018**, 643, 21-27 | 10.2 | 57 |
| 10 | Kinetics studies of biodiesel production from waste cooking oil using FeCl3-modified resin as heterogeneous catalyst. *Renewable Energy*, **2017**, 107, 522-530 | 8.1 | 68 |
| 9 | New insights into co-digestion of activated sludge and food waste: Biogas versus biofertilizer. *Bioresource Technology*, **2017**, 241, 448-453 | 11 | 58 |
| 8 | A holistic approach for food waste management towards zero-solid disposal and energy/resource recovery. *Bioresource Technology*, **2017**, 228, 56-61 | 11 | 45 |
| 7 | An integrated engineering system for maximizing bioenergy production from food waste. *Applied Energy*, **2017**, 206, 83-89 | 10.7 | 55 |

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| 6 | Transesterification of waste cooking oil using FeCl 3 -modified resin catalyst and the research of catalytic mechanism. *Renewable Energy*, **2016**, 86, 643-650 | 8.1 | 20 |
| 5 | Effect of crude glycerol impurities on lipid preparation by Rhodosporidium toruloides yeast 32489. *Bioresource Technology*, **2016**, 218, 373-9 | 11 | 61 |
| 4 | Mixed methanol/ethanol on transesterification of waste cooking oil using Mg/Al hydrotalcite catalyst. *Energy*, **2016**, 107, 523-531 | 7.9 | 44 |
| 3 | Synergistic effect of mixed methanol/ethanol on transesterification of waste food oil using p-toluenesulfonic acid as catalyst. *Environmental Progress and Sustainable Energy*, **2015**, 34, 1547-1553 | 2.5 | 11 |
| 2 | Biodiesel production using unrefined methanol as transesterification agent and the research of individual effect of impurities. *Energy*, **2015**, 82, 361-369 | 7.9 | 19 |
| 1 | Research on Immobilization Carrier on Ethanol Fermentation from Food Waste. *Advanced Materials Research*, **2014**, 878, 466-472 | 0.5 | 2 |