

Lin Liu

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,373
citations

304368

22
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315357

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docs citations

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times ranked

2151
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Aerobic granular sludge: characterization, mechanism of granulation and application to wastewater treatment. <i>Critical Reviews in Biotechnology</i> , 2011, 31, 137-152. | 5.1 | 241 |
| 2 | Potential effect and accumulation of veterinary antibiotics in <i>Phragmites australis</i> under hydroponic conditions. <i>Ecological Engineering</i> , 2013, 53, 138-143. | 1.6 | 188 |
| 3 | Elimination of veterinary antibiotics and antibiotic resistance genes from swine wastewater in the vertical flow constructed wetlands. <i>Chemosphere</i> , 2013, 91, 1088-1093. | 4.2 | 186 |
| 4 | Performance of vertical up-flow constructed wetlands on swine wastewater containing tetracyclines and tet genes. <i>Water Research</i> , 2015, 70, 109-117. | 5.3 | 162 |
| 5 | Removal of antibiotics and resistance genes from swine wastewater using vertical flow constructed wetlands: Effect of hydraulic flow direction and substrate type. <i>Chemical Engineering Journal</i> , 2017, 308, 692-699. | 6.6 | 157 |
| 6 | Development of algae-bacteria granular consortia in photo-sequencing batch reactor. <i>Bioresource Technology</i> , 2017, 232, 64-71. | 4.8 | 141 |
| 7 | Behavior of tetracycline and sulfamethazine with corresponding resistance genes from swine wastewater in pilot-scale constructed wetlands. <i>Journal of Hazardous Materials</i> , 2014, 278, 304-310. | 6.5 | 126 |
| 8 | Performance of integrated household constructed wetland for domestic wastewater treatment in rural areas. <i>Ecological Engineering</i> , 2011, 37, 948-954. | 1.6 | 123 |
| 9 | Occurrence and distribution of veterinary antibiotics and tetracycline resistance genes in farmland soils around swine feedlots in Fujian Province, China. <i>Environmental Science and Pollution Research</i> , 2013, 20, 9066-9074. | 2.7 | 105 |
| 10 | A hydrogen sulfide-releasing alginate dressing for effective wound healing. <i>Acta Biomaterialia</i> , 2020, 104, 85-94. | 4.1 | 99 |
| 11 | Screening of phosphate-removing substrates for use in constructed wetlands treating swine wastewater. <i>Ecological Engineering</i> , 2013, 54, 57-65. | 1.6 | 96 |
| 12 | Comparison of Ca ²⁺ and Mg ²⁺ enhancing aerobic granulation in SBR. <i>Journal of Hazardous Materials</i> , 2010, 181, 382-387. | 6.5 | 94 |
| 13 | Comparison of four enhancement strategies for aerobic granulation in sequencing batch reactors. <i>Journal of Hazardous Materials</i> , 2011, 186, 320-327. | 6.5 | 88 |
| 14 | Characteristics and performance of aerobic algae-bacteria granular consortia in a photo-sequencing batch reactor. <i>Journal of Hazardous Materials</i> , 2018, 349, 135-142. | 6.5 | 86 |
| 15 | Performance and bacterial community dynamics of vertical flow constructed wetlands during the treatment of antibiotics-enriched swine wastewater. <i>Chemical Engineering Journal</i> , 2017, 316, 727-735. | 6.6 | 76 |
| 16 | Nitrogen removal and N ₂ O emission in subsurface vertical flow constructed wetland treating swine wastewater: Effect of shunt ratio. <i>Ecological Engineering</i> , 2014, 73, 446-453. | 1.6 | 41 |
| 17 | Biodiesel production from microbial granules in sequencing batch reactor. <i>Bioresource Technology</i> , 2018, 249, 908-915. | 4.8 | 37 |
| 18 | Fate of antibiotics from swine wastewater in constructed wetlands with different flow configurations. <i>International Biodeterioration and Biodegradation</i> , 2019, 140, 119-125. | 1.9 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The Effects of Different Substrates on Ammonium Removal in Constructed Wetlands: A Comparison of Their Physicochemical Characteristics and Ammonium-oxidizing Prokaryotic Communities. <i>Clean - Soil, Air, Water</i> , 2013, 41, 283-290. | 0.7 | 31 |
| 20 | Response of antibiotic resistance genes in constructed wetlands during treatment of livestock wastewater with different exogenous inducers: Antibiotic and antibiotic-resistant bacteria. <i>Bioresource Technology</i> , 2020, 314, 123779. | 4.8 | 31 |
| 21 | Effects of compost characteristics on nutrient retention and simultaneous pollutant immobilization and degradation during co-composting process. <i>Bioresource Technology</i> , 2019, 275, 61-69. | 4.8 | 28 |
| 22 | Behavior of antibiotics and antibiotic resistance genes in aerobic granular reactors: Interrelation with biomass concentration. <i>International Biodeterioration and Biodegradation</i> , 2019, 139, 18-23. | 1.9 | 27 |
| 23 | Genome-wide search and structural and functional analyses for late embryogenesis-abundant (LEA) gene family in poplar. <i>BMC Plant Biology</i> , 2021, 21, 110. | 1.6 | 18 |
| 24 | Influence of hydraulic loading rate on antibiotics removal and antibiotic resistance expression in soil layer of constructed wetlands. <i>Chemosphere</i> , 2021, 265, 129100. | 4.2 | 17 |
| 25 | Influence of hydraulic retention time on behavior of antibiotics and antibiotic resistance genes in aerobic granular reactor treating biogas slurry. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1. | 3.3 | 15 |
| 26 | Study of oyster shell as a potential substrate for constructed wetlands. <i>Water Science and Technology</i> , 2013, 67, 2265-2272. | 1.2 | 14 |
| 27 | Effects of antibiotics on characteristics and microbial resistance of aerobic granules in sequencing batch reactors. <i>Desalination and Water Treatment</i> , 2016, 57, 8252-8261. | 1.0 | 14 |
| 28 | Influence of aeration intensity on mature aerobic granules in sequencing batch reactor. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4213-4219. | 1.7 | 13 |
| 29 | Comparison of nutrient removal and bacterial communities between natural zeolite-based and volcanic rock-based vertical flow constructed wetlands treating piggery wastewater. <i>Desalination and Water Treatment</i> , 2013, 51, 4379-4389. | 1.0 | 12 |
| 30 | Evaluation of wetland substrates for veterinary antibiotics pollution control in lab-scale systems. <i>Environmental Pollution</i> , 2021, 269, 116152. | 3.7 | 12 |
| 31 | ACCUMULATION OF ANTIBIOTICS AND TET RESISTANCE GENES FROM SWINE WASTEWATER IN WETLAND SOILS. <i>Environmental Engineering and Management Journal</i> , 2016, 15, 2137-2145. | 0.2 | 12 |
| 32 | Cross-effect of wetland substrates properties on anammox process in three single-substrate anammox constructed wetlands for treating high nitrogen sewage with low C/N. <i>Journal of Environmental Management</i> , 2022, 304, 114329. | 3.8 | 12 |
| 33 | Treatment of swine wastewater in aerobic granular reactors: comparison of different seed granules as factors. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 1139-1148. | 3.3 | 11 |
| 34 | Antibiotic resistance gene profile in aerobic granular reactor under antibiotic stress: Can eukaryotic microalgae act as inhibiting factor?. <i>Environmental Pollution</i> , 2022, 304, 119221. | 3.7 | 7 |
| 35 | Phosphorus removal characteristics of granular and flocculent sludge in SBR. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 231-236. | 1.7 | 6 |
| 36 | Storage strategy of aerobic algae-bacteria granular consortia in photo-sequencing batch reactor. <i>Journal of Cleaner Production</i> , 2022, 363, 132410. | 4.6 | 5 |

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|----|--|-----|-----------|
| 37 | Effect of sludge discharge positions on steady-state aerobic granules in sequencing batch reactor (SBR). <i>Water Science and Technology</i> , 2012, 66, 1722-1727. | 1.2 | 4 |
| 38 | Transmission capacity analysis of relay-assisted device-to-device communication in cellular networks. , 2016, , . | | 4 |
| 39 | In vitro adventitious shoot regeneration system for <i>Agrobacterium</i> -mediated genetic transformation of <i>Fraxinus mandshurica</i> Rupr.. <i>Trees - Structure and Function</i> , 2022, 36, 1387-1399. | 0.9 | 1 |