

# Lin Liu

## List of Publications by Citations

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39  
papers

1,704  
citations

19  
h-index

41  
g-index

41  
ext. papers

2,055  
ext. citations

7.5  
avg, IF

4.82  
L-index

#	Paper	IF	Citations
39	Aerobic granular sludge: characterization, mechanism of granulation and application to wastewater treatment. <i>Critical Reviews in Biotechnology</i> , <b>2011</b> , 31, 137-52	9.4	192
38	Elimination of veterinary antibiotics and antibiotic resistance genes from swine wastewater in the vertical flow constructed wetlands. <i>Chemosphere</i> , <b>2013</b> , 91, 1088-93	8.4	139
37	Potential effect and accumulation of veterinary antibiotics in <i>Phragmites australis</i> under hydroponic conditions. <i>Ecological Engineering</i> , <b>2013</b> , 53, 138-143	3.9	138
36	Performance of vertical up-flow constructed wetlands on swine wastewater containing tetracyclines and tet genes. <i>Water Research</i> , <b>2015</b> , 70, 109-17	12.5	126
35	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> , <b>2017</b> , 308, 692-699	14.7	116
34	Performance of integrated household constructed wetland for domestic wastewater treatment in rural areas. <i>Ecological Engineering</i> , <b>2011</b> , 37, 948-954	3.9	100
33	Behavior of tetracycline and sulfamethazine with corresponding resistance genes from swine wastewater in pilot-scale constructed wetlands. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 278, 304-10	12.8	96
32	Development of algae-bacteria granular consortia in photo-sequencing batch reactor. <i>Bioresource Technology</i> , <b>2017</b> , 232, 64-71	11	87
31	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> , <b>2013</b> , 20, 9066-74	5.1	86
30	Screening of phosphate-removing substrates for use in constructed wetlands treating swine wastewater. <i>Ecological Engineering</i> , <b>2013</b> , 54, 57-65	3.9	81
29	Comparison of Ca <sup>2+</sup> and Mg <sup>2+</sup> enhancing aerobic granulation in SBR. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 181, 382-7	12.8	79
28	Comparison of four enhancement strategies for aerobic granulation in sequencing batch reactors. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 186, 320-7	12.8	66
27	Performance and bacterial community dynamics of vertical flow constructed wetlands during the treatment of antibiotics-enriched swine wastewater. <i>Chemical Engineering Journal</i> , <b>2017</b> , 316, 727-735	14.7	60
26	Characteristics and performance of aerobic algae-bacteria granular consortia in a photo-sequencing batch reactor. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 349, 135-142	12.8	49
25	Nitrogen removal and N <sub>2</sub> O emission in subsurface vertical flow constructed wetland treating swine wastewater: Effect of shunt ratio. <i>Ecological Engineering</i> , <b>2014</b> , 73, 446-453	3.9	39
24	A hydrogen sulfide-releasing alginate dressing for effective wound healing. <i>Acta Biomaterialia</i> , <b>2020</b> , 104, 85-94	10.8	39
23	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> , <b>2013</b> , 41, 283-290	1.6	27

22	Biodiesel production from microbial granules in sequencing batch reactor. <i>Bioresource Technology</i> , <b>2018</b> , 249, 908-915	11	25
21	Fate of antibiotics from swine wastewater in constructed wetlands with different flow configurations. <i>International Biodeterioration and Biodegradation</i> , <b>2019</b> , 140, 119-125	4.8	19
20	Behavior of antibiotics and antibiotic resistance genes in aerobic granular reactors: Interrelation with biomass concentration. <i>International Biodeterioration and Biodegradation</i> , <b>2019</b> , 139, 18-23	4.8	19
19	Effects of compost characteristics on nutrient retention and simultaneous pollutant immobilization and degradation during co-composting process. <i>Bioresource Technology</i> , <b>2019</b> , 275, 61-69	11	19
18	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> , <b>2020</b> , 314, 123779	11	13
17	Treatment of swine wastewater in aerobic granular reactors: comparison of different seed granules as factors. <i>Frontiers of Environmental Science and Engineering</i> , <b>2015</b> , 9, 1139-1148	5.8	10
16	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> , <b>2013</b> , 51, 4379-4389		10
15	Effects of antibiotics on characteristics and microbial resistance of aerobic granules in sequencing batch reactors. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 8252-8261		9
14	ACCUMULATION OF ANTIBIOTICS AND TET RESISTANCE GENES FROM SWINE WASTEWATER IN WETLAND SOILS. <i>Environmental Engineering and Management Journal</i> , <b>2016</b> , 15, 2137-2145	0.6	9
13	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> , <b>2019</b> , 13, 1	5.8	8
12	Influence of aeration intensity on mature aerobic granules in sequencing batch reactor. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 4213-9	5.7	8
11	Study of oyster shell as a potential substrate for constructed wetlands. <i>Water Science and Technology</i> , <b>2013</b> , 67, 2265-72	2.2	8
10	Phosphorus removal characteristics of granular and flocculent sludge in SBR. <i>Applied Microbiology and Biotechnology</i> , <b>2012</b> , 94, 231-6	5.7	5
9	Influence of hydraulic loading rate on antibiotics removal and antibiotic resistance expression in soil layer of constructed wetlands. <i>Chemosphere</i> , <b>2021</b> , 265, 129100	8.4	5
8	Evaluation of wetland substrates for veterinary antibiotics pollution control in lab-scale systems. <i>Environmental Pollution</i> , <b>2021</b> , 269, 116152	9.3	5
7	Effect of sludge discharge positions on steady-state aerobic granules in sequencing batch reactor (SBR). <i>Water Science and Technology</i> , <b>2012</b> , 66, 1722-7	2.2	4
6	Genome-wide search and structural and functional analyses for late embryogenesis-abundant (LEA) gene family in poplar. <i>BMC Plant Biology</i> , <b>2021</b> , 21, 110	5.3	4
5	Transmission capacity analysis of relay-assisted device-to-device communication in cellular networks <b>2016</b> ,		3

4	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> , <b>2021</b> , 304, 114329	7.9	1
3	Antibiotic resistance gene profile in aerobic granular reactor under antibiotic stress: Can eukaryotic microalgae act as inhibiting factor?. <i>Environmental Pollution</i> , <b>2022</b> , 304, 119221	9.3	0
2	Storage strategy of aerobic algae-bacteria granular consortia in photo-sequencing batch reactor. <i>Journal of Cleaner Production</i> , <b>2022</b> , 363, 132410	10.3	0
1	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> ,1	2.6	