Lin Liu

List of Publications by Year in Descending Order

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	Antibiotic resistance gene profile in aerobic granular reactor under antibiotic stress: Can eukaryotic microalgae act as inhibiting factor?. *Environmental Pollution*, **2022**, 304, 119221	9.3	0
38	Storage strategy of aerobic algae-bacteria granular consortia in photo-sequencing batch reactor. *Journal of Cleaner Production*, **2022**, 363, 132410	10.3	0
37	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.. *Journal of Environmental Management*, **2021**, 304, 114329	7.9	1
36	Influence of hydraulic loading rate on antibiotics removal and antibiotic resistance expression in soil layer of constructed wetlands. *Chemosphere*, **2021**, 265, 129100	8.4	5
35	Evaluation of wetland substrates for veterinary antibiotics pollution control in lab-scale systems. *Environmental Pollution*, **2021**, 269, 116152	9.3	5
34	Genome-wide search and structural and functional analyses for late embryogenesis-abundant (LEA) gene family in poplar. *BMC Plant Biology*, **2021**, 21, 110	5.3	4
33	A hydrogen sulfide-releasing alginate dressing for effective wound healing. *Acta Biomaterialia*, **2020**, 104, 85-94	10.8	39
32	Response of antibiotic resistance genes in constructed wetlands during treatment of livestock wastewater with different exogenous inducers: Antibiotic and antibiotic-resistant bacteria. *Bioresource Technology*, **2020**, 314, 123779	11	13
31	Influence of hydraulic retention time on behavior of antibiotics and antibiotic resistance genes in aerobic granular reactor treating biogas slurry. *Frontiers of Environmental Science and Engineering*, **2019**, 13, 1	5.8	8
30	Fate of antibiotics from swine wastewater in constructed wetlands with different flow configurations. *International Biodeterioration and Biodegradation*, **2019**, 140, 119-125	4.8	19
29	Behavior of antibiotics and antibiotic resistance genes in aerobic granular reactors: Interrelation with biomass concentration. *International Biodeterioration and Biodegradation*, **2019**, 139, 18-23	4.8	19
28	Effects of compost characteristics on nutrient retention and simultaneous pollutant immobilization and degradation during co-composting process. *Bioresource Technology*, **2019**, 275, 61-69	11	19
27	Characteristics and performance of aerobic algae-bacteria granular consortia in a photo-sequencing batch reactor. *Journal of Hazardous Materials*, **2018**, 349, 135-142	12.8	49
26	Biodiesel production from microbial granules in sequencing batch reactor. *Bioresource Technology*, **2018**, 249, 908-915	11	25
25	Performance and bacterial community dynamics of vertical flow constructed wetlands during the treatment of antibiotics-enriched swine wastewater. *Chemical Engineering Journal*, **2017**, 316, 727-735	14.7	60
24	Development of algae-bacteria granular consortia in photo-sequencing batch reactor. *Bioresource Technology*, **2017**, 232, 64-71	11	87
23	Removal of antibiotics and resistance genes from swine wastewater using vertical flow constructed wetlands: Effect of hydraulic flow direction and substrate type. *Chemical Engineering Journal*, **2017**, 308, 692-699	14.7	116

22	Effects of antibiotics on characteristics and microbial resistance of aerobic granules in sequencing batch reactors. *Desalination and Water Treatment*, **2016**, 57, 8252-8261		9
21	Transmission capacity analysis of relay-assisted device-to-device communication in cellular networks **2016**,		3
20	ACCUMULATION OF ANTIBIOTICS AND TET RESISTANCE GENES FROM SWINE WASTEWATER IN WETLAND SOILS. *Environmental Engineering and Management Journal*, **2016**, 15, 2137-2145	0.6	9
19	Treatment of swine wastewater in aerobic granular reactors: comparison of different seed granules as factors. *Frontiers of Environmental Science and Engineering*, **2015**, 9, 1139-1148	5.8	10
18	Performance of vertical up-flow constructed wetlands on swine wastewater containing tetracyclines and tet genes. *Water Research*, **2015**, 70, 109-17	12.5	126
17	Behavior of tetracycline and sulfamethazine with corresponding resistance genes from swine wastewater in pilot-scale constructed wetlands. *Journal of Hazardous Materials*, **2014**, 278, 304-10	12.8	96
16	Nitrogen removal and N2O emission in subsurface vertical flow constructed wetland treating swine wastewater: Effect of shunt ratio. *Ecological Engineering*, **2014**, 73, 446-453	3.9	39
15	Influence of aeration intensity on mature aerobic granules in sequencing batch reactor. *Applied Microbiology and Biotechnology*, **2013**, 97, 4213-9	5.7	8
14	Occurrence and distribution of veterinary antibiotics and tetracycline resistance genes in farmland soils around swine feedlots in Fujian Province, China. *Environmental Science and Pollution Research*, **2013**, 20, 9066-74	5.1	86
13	Screening of phosphate-removing substrates for use in constructed wetlands treating swine wastewater. *Ecological Engineering*, **2013**, 54, 57-65	3.9	81
12	Elimination of veterinary antibiotics and antibiotic resistance genes from swine wastewater in the vertical flow constructed wetlands. *Chemosphere*, **2013**, 91, 1088-93	8.4	139
11	Potential effect and accumulation of veterinary antibiotics in Phragmites australis under hydroponic conditions. *Ecological Engineering*, **2013**, 53, 138-143	3.9	138
10	The Effects of Different Substrates on Ammonium Removal in Constructed Wetlands: A Comparison of Their Physicochemical Characteristics and Ammonium-Oxidizing Prokaryotic Communities. *Clean - Soil, Air, Water*, **2013**, 41, 283-290	1.6	27
9	Study of oyster shell as a potential substrate for constructed wetlands. *Water Science and Technology*, **2013**, 67, 2265-72	2.2	8
8	Comparison of nutrient removal and bacterial communities between natural zeolite-based and volcanic rock-based vertical flow constructed wetlands treating piggery wastewater. *Desalination and Water Treatment*, **2013**, 51, 4379-4389		10
7	Phosphorus removal characteristics of granular and flocculent sludge in SBR. *Applied Microbiology and Biotechnology*, **2012**, 94, 231-6	5.7	5
6	Effect of sludge discharge positions on steady-state aerobic granules in sequencing batch reactor (SBR). *Water Science and Technology*, **2012**, 66, 1722-7	2.2	4
5	Aerobic granular sludge: characterization, mechanism of granulation and application to wastewater treatment. *Critical Reviews in Biotechnology*, **2011**, 31, 137-52	9.4	192

4	Comparison of four enhancement strategies for aerobic granulation in sequencing batch reactors. *Journal of Hazardous Materials*, **2011**, 186, 320-7	12.8	66
3	Performance of integrated household constructed wetland for domestic wastewater treatment in rural areas. *Ecological Engineering*, **2011**, 37, 948-954	3.9	100
2	Comparison of Ca2+ and Mg2+ enhancing aerobic granulation in SBR. *Journal of Hazardous Materials*, **2010**, 181, 382-7	12.8	79
1	In vitro adventitious shoot regeneration system for Agrobacterium-mediated genetic transformation of Fraxinus mandshurica Rupr.. *Trees - Structure and Function*,1	2.6	