

Hui Lin

List of Publications by Year in descending order

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papers

2,426
citations

257101

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all docs

39
docs citations

39
times ranked

2685
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotics and antibiotic resistance genes in global lakes: A review and meta-analysis. <i>Environment International</i> , 2018, 116, 60-73.	4.8	474
2	Plastics in the marine environment are reservoirs for antibiotic and metal resistance genes. <i>Environment International</i> , 2019, 123, 79-86.	4.8	305
3	Microplastics are a hotspot for antibiotic resistance genes: Progress and perspective. <i>Science of the Total Environment</i> , 2021, 773, 145643.	3.9	130
4	Antibiotic resistance genes in surface water of eutrophic urban lakes are related to heavy metals, antibiotics, lake morphology and anthropic impact. <i>Ecotoxicology</i> , 2017, 26, 831-840.	1.1	126
5	Direct microbial conversion of wheat straw into lipid by a cellulolytic fungus of <i>Aspergillus oryzae</i> A-4 in solid-state fermentation. <i>Bioresource Technology</i> , 2010, 101, 7556-7562.	4.8	112
6	Occurrence of trace elements and antibiotics in manure-based fertilizers from the Zhejiang Province of China. <i>Science of the Total Environment</i> , 2016, 559, 174-181.	3.9	109
7	Metagenomic insights into the abundance and composition of resistance genes in aquatic environments: Influence of stratification and geography. <i>Environment International</i> , 2019, 127, 371-380.	4.8	98
8	Compost-bulking agents reduce the reservoir of antibiotics and antibiotic resistance genes in manures by modifying bacterial microbiota. <i>Science of the Total Environment</i> , 2019, 649, 396-404.	3.9	96
9	Effect of temperature on sulfonamide antibiotics degradation, and on antibiotic resistance determinants and hosts in animal manures. <i>Science of the Total Environment</i> , 2017, 607-608, 725-732.	3.9	82
10	Effects of manure and mineral fertilization strategies on soil antibiotic resistance gene levels and microbial community in a paddy–upland rotation system. <i>Environmental Pollution</i> , 2016, 211, 332-337.	3.7	80
11	Variations in the fate and biological effects of sulfamethoxazole, norfloxacin and doxycycline in different vegetable–soil systems following manure application. <i>Journal of Hazardous Materials</i> , 2016, 304, 49-57.	6.5	78
12	Antibiotics and Antibiotic Resistance Genes in Sediment of Honghu Lake and East Dongting Lake, China. <i>Microbial Ecology</i> , 2016, 72, 791-801.	1.4	73
13	A compositional shift in the soil microbiome induced by tetracycline, sulfamonomethoxine and ciprofloxacin entering a plant-soil system. <i>Environmental Pollution</i> , 2016, 212, 440-448.	3.7	71
14	Degradation of tetracycline antibiotics by <i>Arthrobacter nicotianae</i> OTC-16. <i>Journal of Hazardous Materials</i> , 2021, 403, 123996.	6.5	71
15	Soil microbial systems respond differentially to tetracycline, sulfamonomethoxine, and ciprofloxacin entering soil under pot experimental conditions alone and in combination. <i>Environmental Science and Pollution Research</i> , 2014, 21, 7436-7448.	2.7	55
16	Preparation of a new-style composite containing a key bioflocculant produced by <i>Pseudomonas aeruginosa</i> ZJU1 and its flocculating effect on harmful algal blooms. <i>Journal of Hazardous Materials</i> , 2015, 284, 215-221.	6.5	53
17	Potential utilization of waste sweetpotato vines hydrolysate as a new source for single cell oils production by <i>Trichosporon fermentans</i> . <i>Bioresource Technology</i> , 2013, 135, 622-629.	4.8	41
18	Genetic engineering of microorganisms for biodiesel production. <i>Bioengineered</i> , 2013, 4, 292-304.	1.4	41

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19	Fate of tetracycline and sulfonamide resistance genes in a grassland soil amended with different organic fertilizers. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 39-46.	2.9	38
20	Acidic conditions enhance the removal of sulfonamide antibiotics and antibiotic resistance determinants in swine manure. <i>Environmental Pollution</i> , 2020, 263, 114439.	3.7	33
21	Simultaneous reductions in antibiotics and heavy metal pollution during manure composting. <i>Science of the Total Environment</i> , 2021, 788, 147830.	3.9	33
22	Artificial construction and characterization of a fungal consortium that produces cellulolytic enzyme system with strong wheat straw saccharification. <i>Bioresource Technology</i> , 2011, 102, 10569-10576.	4.8	29
23	Sweetpotato vines hydrolysate promotes single cell oils production of <i>Trichosporon fermentans</i> in high-density molasses fermentation. <i>Bioresource Technology</i> , 2015, 176, 249-256.	4.8	26
24	Evaluation of Bacterial Expansin EXLX1 as a Cellulase Synergist for the Saccharification of Lignocellulosic Agro-Industrial Wastes. <i>PLoS ONE</i> , 2013, 8, e75022.	1.1	25
25	Sweetpotato vines hydrolysate induces glycerol to be an effective substrate for lipid production of <i>Trichosporon fermentans</i> . <i>Bioresource Technology</i> , 2013, 136, 725-729.	4.8	20
26	Plants Mitigate Nitrous Oxide Emissions from Antibiotic-Contaminated Agricultural Soils. <i>Environmental Science & Technology</i> , 2022, 56, 4950-4960.	4.6	18
27	Effect of composting on the conjugative transmission of sulfonamide resistance and sulfonamide-resistant bacterial population. <i>Journal of Cleaner Production</i> , 2021, 285, 125483.	4.6	17
28	Wheat Bran Enhances the Cytotoxicity of Immobilized <i>Alcaligenes aquatilis</i> F8 against <i>Microcystis aeruginosa</i> . <i>PLoS ONE</i> , 2015, 10, e0136429.	1.1	16
29	Comparative genome analysis of the oleaginous yeast <i>Trichosporon fermentans</i> reveals its potential applications in lipid accumulation. <i>Microbiological Research</i> , 2016, 192, 203-210.	2.5	15
30	Soil microbial activity and community composition as influenced by application of pig biogas slurry in paddy field in southeast China. <i>Paddy and Water Environment</i> , 2020, 18, 15-25.	1.0	12
31	Characterization of Cellulase Secretion and Cre1-Mediated Carbon Source Repression in the Potential Lignocellulose-Degrading Strain <i>Trichoderma asperellum</i> T-1. <i>PLoS ONE</i> , 2015, 10, e0119237.	1.1	10
32	Agro-industrial waste recycling by <i>Trichosporon fermentans</i> : conversion of waste sweetpotato vines alone into lipid. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8793-8799.	2.7	9
33	The binding, synergistic and structural characteristics of BsEXLX1 for loosening the main components of lignocellulose: Lignin, xylan, and cellulose. <i>Enzyme and Microbial Technology</i> , 2016, 92, 67-75.	1.6	6
34	Engineering <i>Aspergillus oryzae</i> A-4 through the Chromosomal Insertion of Foreign Cellulase Expression Cassette to Improve Conversion of Cellulosic Biomass into Lipids. <i>PLoS ONE</i> , 2014, 9, e108442.	1.1	6
35	Isolation and characterization of <i>Rhodococcus</i> sp. NB5 capable of degrading a high concentration of nitrobenzene. <i>Journal of Basic Microbiology</i> , 2011, 51, 397-403.	1.8	5
36	Mechanism for the disparity of the lipid production by <i>Trichosporon fermentans</i> grown on different sweetpotato vines hydrolysates. <i>Industrial Crops and Products</i> , 2013, 50, 844-851.	2.5	4

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37	Genomic insights into the antibiotic resistance pattern of the tetracycline-degrading bacterium, <i>Arthrobacter nicotianae</i> OTC-16. <i>Scientific Reports</i> , 2021, 11, 15638.	1.6	4
38	Copper exposure effects on antibiotic degradation in swine manure vary between mesophilic and thermophilic conditions. <i>Science of the Total Environment</i> , 2022, 841, 156759.	3.9	3
39	Efficient degradation of tylosin by <i>Klebsiella oxytoca</i> TYL-T1. <i>Science of the Total Environment</i> , 2022, 847, 157305.	3.9	2