

Dong Wu

List of Publications by Year in descending order

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29
papers

1,301
citations

361045

20
h-index

476904

29
g-index

29
all docs

29
docs citations

29
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	Metatranscriptomic insight into the effects of antibiotic exposure on performance during anaerobic co-digestion of food waste and sludge. <i>Journal of Hazardous Materials</i> , 2022, 423, 127163.	6.5	25
2	Removal of emerging contaminants (bisphenol A and antibiotics) from kitchen wastewater by alkali-modified biochar. <i>Science of the Total Environment</i> , 2022, 805, 150158.	3.9	71
3	Dissemination of antibiotic resistance under antibiotics pressure during anaerobic co-digestion of food waste and sludge: Insights of driving factors, genetic expression, and regulation mechanism. <i>Bioresource Technology</i> , 2022, 344, 126257.	4.8	6
4	Inhalable Antibiotic Resistome from Wastewater Treatment Plants to Urban Areas: Bacterial Hosts, Dissemination Risks, and Source Contributions. <i>Environmental Science & Technology</i> , 2022, 56, 7040-7051.	4.6	38
5	Distinguishing removal and regrowth potential of antibiotic resistance genes and antibiotic resistant bacteria on microplastics and in leachate after chlorination or Fenton oxidation. <i>Journal of Hazardous Materials</i> , 2022, 430, 128432.	6.5	18
6	Airborne transmission as an integral environmental dimension of antimicrobial resistance through the "One Health" lens. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 4172-4193.	6.6	24
7	Associations between human bacterial pathogens and ARGs are magnified in leachates as landfill ages. <i>Chemosphere</i> , 2021, 264, 128446.	4.2	16
8	Antibiotic and metal resistance genes are closely linked with nitrogen-processing functions in municipal solid waste landfills. <i>Journal of Hazardous Materials</i> , 2021, 403, 123689.	6.5	52
9	Selective enrichment of antibiotic resistance genes and pathogens on polystyrene microplastics in landfill leachate. <i>Science of the Total Environment</i> , 2021, 765, 142775.	3.9	74
10	Occurrence, influence and removal strategies of mycotoxins, antibiotics and microplastics in anaerobic digestion treating food waste and co-digestive biosolids: A critical review. <i>Bioresource Technology</i> , 2021, 330, 124987.	4.8	28
11	The variation of antibiotic resistance genes and their links with microbial communities during full-scale food waste leachate biotreatment processes. <i>Journal of Hazardous Materials</i> , 2021, 416, 125744.	6.5	2
12	(Nano)microplastics promote the propagation of antibiotic resistance genes in landfill leachate. <i>Environmental Science: Nano</i> , 2020, 7, 3536-3546.	2.2	63
13	Fate of integrons, antibiotic resistance genes and associated microbial community in food waste and its large-scale biotreatment systems. <i>Environment International</i> , 2020, 144, 106013.	4.8	34
14	Insights into factors driving the transmission of antibiotic resistance from sludge compost-amended soil to vegetables under cadmium stress. <i>Science of the Total Environment</i> , 2020, 729, 138990.	3.9	30
15	Distribution of antibiotics, metals and antibiotic resistance genes during landfilling process in major municipal solid waste landfills. <i>Environmental Pollution</i> , 2019, 255, 113222.	3.7	42
16	How do zinc oxide and zero valent iron nanoparticles impact the occurrence of antibiotic resistance genes in landfill leachate?. <i>Environmental Science: Nano</i> , 2019, 6, 2141-2151.	2.2	23
17	Validated predictive modelling of sulfonamide and beta-lactam resistance genes in landfill leachates. <i>Journal of Environmental Management</i> , 2019, 241, 123-130.	3.8	4
18	Urban and agriculturally influenced water contribute differently to the spread of antibiotic resistance genes in a mega-city river network. <i>Water Research</i> , 2019, 158, 11-21.	5.3	62

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19	Simulated discharge of treated landfill leachates reveals a fueled development of antibiotic resistance in receiving tidal river. <i>Environment International</i> , 2018, 114, 143-151.	4.8	33
20	Fluoroquinolones and β -lactam antibiotics and antibiotic resistance genes in autumn leachates of seven major municipal solid waste landfills in China. <i>Environment International</i> , 2018, 113, 162-169.	4.8	86
21	Bacterial perspectives on the dissemination of antibiotic resistance genes in domestic wastewater bio-treatment systems: beneficiary to victim. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 597-604.	1.7	14
22	Change in microbial community in landfill refuse contaminated with antibiotics facilitates denitrification more than the increase in ARG over long-term. <i>Scientific Reports</i> , 2017, 7, 41230.	1.6	34
23	Antibiotic Resistance Genes and Associated Microbial Community Conditions in Aging Landfill Systems. <i>Environmental Science & Technology</i> , 2017, 51, 12859-12867.	4.6	154
24	Coupling ARB-based biological and photochemical (UV/TiO ₂ and UV/S ₂ O ₈ ²⁻) techniques to deal with sanitary landfill leachate. <i>Waste Management</i> , 2017, 63, 292-298.	3.7	48
25	Effects of oxygen and carbon content on nitrogen removal capacities in landfill bioreactors and response of microbial dynamics. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6427-6434.	1.7	5
26	Relationships between Antibiotics and Antibiotic Resistance Gene Levels in Municipal Solid Waste Leachates in Shanghai, China. <i>Environmental Science & Technology</i> , 2015, 49, 4122-4128.	4.6	254
27	Short tests to couple N ₂ O emission mitigation and nitrogen removal strategies for landfill leachate recirculation. <i>Science of the Total Environment</i> , 2015, 512-513, 19-25.	3.9	6
28	Characteristics and risks of secondary pollutants generation during compression and transfer of municipal solid waste in Shanghai. <i>Waste Management</i> , 2015, 43, 1-8.	3.7	26
29	Perspective of harnessing energy from landfill leachate via microbial fuel cells: novel biofuels and electrogenic physiologies. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 7827-7836.	1.7	29