Hongjie Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8684004/publications.pdf

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27	1,604	471061 17	500791 28
papers	citations	h-index	g-index

31	31	31	1909
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occurrence and removal of multiple classes of antibiotics and antimicrobial agents in biological wastewater treatment processes. Water Research, 2016, 104, 461-472.	5.3	319
2	Removal of antibiotic residues, antibiotic resistant bacteria and antibiotic resistance genes in municipal wastewater by membrane bioreactor systems. Water Research, 2018, 145, 498-508.	5.3	253
3	High-throughput profiling of antibiotic resistance gene dynamic in a drinking water river-reservoir system. Water Research, 2019, 149, 179-189.	5.3	150
4	Occurrences and Characterization of Antibiotic-Resistant Bacteria and Genetic Determinants of Hospital Wastewater in a Tropical Country. Antimicrobial Agents and Chemotherapy, 2016, 60, 7449-7456.	1.4	92
5	Characterization of Metagenomes in Urban Aquatic Compartments Reveals High Prevalence of Clinically Relevant Antibiotic Resistance Genes in Wastewaters. Frontiers in Microbiology, 2017, 8, 2200.	1.5	87
6	Occurrence and characteristics of extended-spectrum Î²-lactamase- and carbapenemase- producing bacteria from hospital effluents in Singapore. Science of the Total Environment, 2018, 615, 1119-1125.	3.9	84
7	Environmental media exert a bottleneck in driving the dynamics of antibiotic resistance genes in modern aquatic environment. Water Research, 2019, 162, 127-138.	5.3	80
8	Quantitative SARS-CoV-2 Alpha Variant B.1.1.7 Tracking in Wastewater by Allele-Specific RT-qPCR. Environmental Science and Technology Letters, 2021, 8, 675-682.	3.9	68
9	Simultaneous analysis of multiple classes of antimicrobials in environmental water samples using SPE coupled with UHPLC-ESI-MS/MS and isotope dilution. Talanta, 2016, 159, 163-173.	2.9	60
10	Metagenomic and Resistome Analysis of a Full-Scale Municipal Wastewater Treatment Plant in Singapore Containing Membrane Bioreactors. Frontiers in Microbiology, 2019, 10, 172.	1.5	58
11	Occurrence, Distribution, and Risk Assessment of Antibiotics in a Subtropical River-Reservoir System. Water (Switzerland), 2018, 10, 104.	1.2	50
12	Microbial water quality and the detection of multidrug resistant E. coli and antibiotic resistance genes in aquaculture sites of Singapore. Marine Pollution Bulletin, 2018, 135, 475-480.	2.3	45
13	Making waves: Wastewater surveillance of SARS-CoV-2 in an endemic future. Water Research, 2022, 219, 118535.	5.3	37
14	Rapid displacement of SARS-CoV-2 variant Delta by Omicron revealed by allele-specific PCR in wastewater. Water Research, 2022, 221, 118809.	5.3	30
15	Gut Ruminococcaceae levels at baseline correlate with risk of antibiotic-associated diarrhea. IScience, 2022, 25, 103644.	1.9	28
16	Heavy metals and PAHs in an open fishing area of the East China Sea:ÂMultimedia distribution, source diagnosis, and dietary risk assessment. Environmental Science and Pollution Research, 2019, 26, 21140-21150.	2.7	25
17	Polycyclic aromatic hydrocarbons in the largest deepwater port of East China Sea: impact of port construction and operation. Environmental Science and Pollution Research, 2015, 22, 12355-12365.	2.7	24
18	Persistence of Dengue (Serotypes 2 and 3), Zika, Yellow Fever, and Murine Hepatitis Virus RNA in Untreated Wastewater. Environmental Science and Technology Letters, 2021, 8, 785-791.	3.9	23

#	Article	IF	Citations
19	Contribution of aquatic products consumption to total human exposure to PAHs in Eastern China: The source matters. Environmental Pollution, 2020, 266, 115339.	3.7	13
20	Aquaculture Contributes a Higher Proportion to Children's Daily Intake of Polycyclic Aromatic Hydrocarbons Than to That of Adults in Eastern China. Environmental Toxicology and Chemistry, 2019, 38, 1084-1092.	2.2	12
21	Stabilization of hydrophobic organic contaminants in sediments by natural zeolites: bioavailability-based assessment of efficacy using equilibrium passive sampling. Journal of Soils and Sediments, 2019, 19, 3898-3907.	1.5	10
22	Magnetic activated carbon (MAC) mitigates contaminant bioavailability in farm pond sediment and dietary risks in aquaculture products. Science of the Total Environment, 2020, 736, 139185.	3.9	9
23	Prevalence and characterization of antibiotic resistant bacteria in raw community sewage from diverse urban communities. Science of the Total Environment, 2022, 825, 153926.	3.9	8
24	Draft Genome Sequences of Four Multidrug-Resistant Pseudomonas aeruginosa Isolates from Hospital Wastewater in Singapore. Microbiology Resource Announcements, 2018, 7, .	0.3	3
25	Comprehensive insights into the occurrence, source, distribution and risk assessment of polycyclic aromatic hydrocarbons in a large drinking reservoir system. Environmental Science and Pollution Research, 2022, 29, 6449-6462.	2.7	3
26	Draft Genome Sequences of a Ceftazidime-Resistant Acinetobacter baumannii Donor and a Conjugal Escherichia coli Recipient with Acquired Resistance. Microbiology Resource Announcements, 2019, 8, .	0.3	2
27	Antibiotic Resistance in Municipal Wastewater: A Special Focus on Hospital Effluents. Handbook of Environmental Chemistry, 2020, , 123-146.	0.2	1