

Dan Li

List of Publications by Year in descending order

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46
papers

2,189
citations

279701
23
h-index

233338
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all docs

47
docs citations

47
times ranked

2663
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic toxicity assessment of fine particulate matter emitted from fuel combustion via pathway-based approaches in human cells. <i>Science of the Total Environment</i> , 2022, 806, 150214.	3.9	4
2	Exposure to concentrated ambient PM _{2.5} (CAPM) induces intestinal disturbance via inflammation and alternation of gut microbiome. <i>Environment International</i> , 2022, 161, 107138.	4.8	22
3	Nano-Al ₂ O ₃ particles affect gut microbiome and resistome in an in vitro simulator of the human colon microbial ecosystem. <i>Journal of Hazardous Materials</i> , 2022, 439, 129513.	6.5	4
4	NO _x and H ₂ S formation in the reductive zone of air-staged combustion of pulverized blended coals. <i>Frontiers in Energy</i> , 2021, 15, 4-13.	1.2	3
5	DBP formation and toxicity alteration during UV/chlorine treatment of wastewater and the effects of ammonia and bromide. <i>Water Research</i> , 2021, 188, 116549.	5.3	77
6	Online recognition of drainage type based on UV-vis spectra and derivative neural network algorithm. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	15
7	Toxicity Assessment of Nano-ZnO Exposure on the Human Intestinal Microbiome, Metabolic Functions, and Resistome Using an In Vitro Colon Simulator. <i>Environmental Science & Technology</i> , 2021, 55, 6884-6896.	4.6	24
8	Accurate Removal of Trace 17 β -Estradiol and Estrogenic Activity in Blended Systems under a Photoelectrocatalytic Circulating Flow. <i>Environmental Science & Technology</i> , 2021, 55, 12585-12595.	4.6	10
9	River Extraction under Bankfull Discharge Conditions Based on Sentinel-2 Imagery and DEM Data. <i>Remote Sensing</i> , 2021, 13, 2650.	1.8	13
10	The decay of airborne bacteria and fungi in a constant temperature and humidity test chamber. <i>Environment International</i> , 2021, 157, 106816.	4.8	10
11	Overlooked Significant Impact of Trace Metals on the Bacterial Community of PM _{2.5} in High-Time Resolution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035408.	1.2	3
12	Influences and mechanisms of nanofullerene on the horizontal transfer of plasmid-encoded antibiotic resistance genes between <i>E. coli</i> strains. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	11
13	Open-Surface River Extraction Based on Sentinel-2 MSI Imagery and DEM Data: Case Study of the Upper Yellow River. <i>Remote Sensing</i> , 2020, 12, 2737.	1.8	21
14	Preservatives accelerate the horizontal transfer of plasmid-mediated antimicrobial resistance genes via differential mechanisms. <i>Environment International</i> , 2020, 138, 105544.	4.8	67
15	Complexation of Fe(III)/Catechols in atmospheric aqueous phase and the consequent cytotoxicity assessment in human bronchial epithelial cells (BEAS-2B). <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110898.	2.9	10
16	Sub-lethal concentrations of heavy metals induce antibiotic resistance via mutagenesis. <i>Journal of Hazardous Materials</i> , 2019, 369, 9-16.	6.5	89
17	The effect and mechanism of urban fine particulate matter (PM _{2.5}) on horizontal transfer of plasmid-mediated antimicrobial resistance genes. <i>Science of the Total Environment</i> , 2019, 683, 116-123.	3.9	35
18	Antimicrobial resistance: A new threat from disinfection byproducts and disinfection of drinking water?. <i>Current Opinion in Environmental Science and Health</i> , 2019, 7, 83-91.	2.1	23

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19	Diverse and abundant antibiotics and antibiotic resistance genes in an urban water system. Journal of Environmental Management, 2019, 231, 494-503.	3.8	85
20	Fuel Fine Particulate Matter Induces Ovary Dysfunction via Metal Elements Imbalance and Steroid Biosynthesis Signaling Pathway Inhibition. Environmental Science and Technology Letters, 2019, 6, 26-33.	3.9	4
21	Petrol and diesel exhaust particles accelerate the horizontal transfer of plasmid-mediated antimicrobial resistance genes. Environment International, 2018, 114, 280-287.	4.8	44
22	Sub-inhibitory concentrations of heavy metals facilitate the horizontal transfer of plasmid-mediated antibiotic resistance genes in water environment. Environmental Pollution, 2018, 237, 74-82.	3.7	271
23	Degradation of ciprofloxacin by manganese(III) intermediate: Insight into the potential application of permanganate/bisulfite process. Chemical Engineering Journal, 2018, 339, 144-152.	6.6	54
24	Primary Particulate Matter Emitted from Heavy Fuel and Diesel Oil Combustion in a Typical Container Ship: Characteristics and Toxicity. Environmental Science & Technology, 2018, 52, 12943-12951.	4.6	69
25	Nano-metal oxides induce antimicrobial resistance via radical-mediated mutagenesis. Environment International, 2018, 121, 1162-1171.	4.8	55
26	Synthesis and biological research of novel azaacridine derivatives as potent DNA-binding ligands and topoisomerase II inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 3437-3446.	1.4	16
27	Subinhibitory Concentrations of Disinfectants Promote the Horizontal Transfer of Multidrug Resistance Genes within and across Genera. Environmental Science & Technology, 2017, 51, 570-580.	4.6	323
28	Chemical characterization and toxicity assessment of fine particulate matters emitted from the combustion of petrol and diesel fuels. Science of the Total Environment, 2017, 605-606, 172-179.	3.9	73
29	Probabilistic ecological risk assessment of effluent toxicity of a wastewater reclamation plant based on process modeling. Water Research, 2016, 100, 367-376.	5.3	10
30	Changes of microbial composition during wastewater reclamation and distribution systems revealed by high-throughput sequencing analyses. Frontiers of Environmental Science and Engineering, 2016, 10, 539-547.	3.3	21
31	Extracellular microcystin prediction based on toxigenic Microcystis detection in a eutrophic lake. Scientific Reports, 2016, 6, 20886.	1.6	16
32	Over 300kHz GaN device based resonant bidirectional DCDC converter with integrated magnetics. , 2016, , .		20
33	Bacterial regrowth in water reclamation and distribution systems revealed by viable bacterial detection assays. Chemosphere, 2016, 144, 2165-2174.	4.2	50
34	Photochemical Transformation of Aminoglycoside Antibiotics in Simulated Natural Waters. Environmental Science & Technology, 2016, 50, 2921-2930.	4.6	80
35	Water Disinfection Byproducts Induce Antibiotic Resistance-Role of Environmental Pollutants in Resistance Phenomena. Environmental Science & Technology, 2016, 50, 3193-3201.	4.6	136
36	Application of internal standard method in recombinant luminescent bacteria test. Journal of Environmental Sciences, 2015, 35, 128-134.	3.2	5

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37	Gender-specific relationship between prenatal exposure to phthalates and intrauterine growth restriction. <i>Pediatric Research</i> , 2014, 76, 401-408.	1.1	46
38	Quantification of viable bacteria in wastewater treatment plants by using propidium monoazide combined with quantitative PCR (PMA-qPCR). <i>Journal of Environmental Sciences</i> , 2014, 26, 299-306.	3.2	51
39	Age and Sex-Specific Relationships between Phthalate Exposures and Obesity in Chinese Children at Puberty. <i>PLoS ONE</i> , 2014, 9, e104852.	1.1	58
40	Inactivation, reactivation and regrowth of indigenous bacteria in reclaimed water after chlorine disinfection of a municipal wastewater treatment plant. <i>Journal of Environmental Sciences</i> , 2013, 25, 1319-1325.	3.2	83
41	Direct detection of adenovirus in environmental waste waters by portable optical fiber sensor platform. , 2013, , .		2
42	Evaluation of the infectivity, gene and antigenicity persistence of rotaviruses by free chlorine disinfection. <i>Journal of Environmental Sciences</i> , 2011, 23, 1691-1698.	3.2	14
43	Detection of Infectious Adenoviruses in Environmental Waters by Fluorescence-Activated Cell Sorting Assay. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1442-1448.	1.4	40
44	Concentration of viruses from environmental waters using nanoalumina fiber filters. <i>Journal of Microbiological Methods</i> , 2010, 81, 33-38.	0.7	33
45	An integrated cell culture and reverse transcription quantitative PCR assay for detection of infectious rotaviruses in environmental waters. <i>Journal of Microbiological Methods</i> , 2010, 82, 59-63.	0.7	33
46	UV inactivation and resistance of rotavirus evaluated by integrated cell culture and real-time RT-PCR assay. <i>Water Research</i> , 2009, 43, 3261-3269.	5.3	53