

Dan Li

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,189
citations

279701

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docs citations

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times ranked

2663
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Subinhibitory Concentrations of Disinfectants Promote the Horizontal Transfer of Multidrug Resistance Genes within and across Genera. <i>Environmental Science & Technology</i> , 2017, 51, 570-580. | 4.6 | 323 |
| 2 | Sub-inhibitory concentrations of heavy metals facilitate the horizontal transfer of plasmid-mediated antibiotic resistance genes in water environment. <i>Environmental Pollution</i> , 2018, 237, 74-82. | 3.7 | 271 |
| 3 | Water Disinfection Byproducts Induce Antibiotic Resistance-Role of Environmental Pollutants in Resistance Phenomena. <i>Environmental Science & Technology</i> , 2016, 50, 3193-3201. | 4.6 | 136 |
| 4 | Sub-lethal concentrations of heavy metals induce antibiotic resistance via mutagenesis. <i>Journal of Hazardous Materials</i> , 2019, 369, 9-16. | 6.5 | 89 |
| 5 | Diverse and abundant antibiotics and antibiotic resistance genes in an urban water system. <i>Journal of Environmental Management</i> , 2019, 231, 494-503. | 3.8 | 85 |
| 6 | 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 |
| 7 | Photochemical Transformation of Aminoglycoside Antibiotics in Simulated Natural Waters. <i>Environmental Science & Technology</i> , 2016, 50, 2921-2930. | 4.6 | 80 |
| 8 | 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 |
| 9 | Chemical characterization and toxicity assessment of fine particulate matters emitted from the combustion of petrol and diesel fuels. <i>Science of the Total Environment</i> , 2017, 605-606, 172-179. | 3.9 | 73 |
| 10 | Primary Particulate Matter Emitted from Heavy Fuel and Diesel Oil Combustion in a Typical Container Ship: Characteristics and Toxicity. <i>Environmental Science & Technology</i> , 2018, 52, 12943-12951. | 4.6 | 69 |
| 11 | Preservatives accelerate the horizontal transfer of plasmid-mediated antimicrobial resistance genes via differential mechanisms. <i>Environment International</i> , 2020, 138, 105544. | 4.8 | 67 |
| 12 | 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 |
| 13 | Nano-metal oxides induce antimicrobial resistance via radical-mediated mutagenesis. <i>Environment International</i> , 2018, 121, 1162-1171. | 4.8 | 55 |
| 14 | Degradation of ciprofloxacin by manganese(III) intermediate: Insight into the potential application of permanganate/bisulfite process. <i>Chemical Engineering Journal</i> , 2018, 339, 144-152. | 6.6 | 54 |
| 15 | 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 |
| 16 | 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 |
| 17 | Bacterial regrowth in water reclamation and distribution systems revealed by viable bacterial detection assays. <i>Chemosphere</i> , 2016, 144, 2165-2174. | 4.2 | 50 |
| 18 | Gender-specific relationship between prenatal exposure to phthalates and intrauterine growth restriction. <i>Pediatric Research</i> , 2014, 76, 401-408. | 1.1 | 46 |

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|----|---|-----|-----------|
| 19 | Petrol and diesel exhaust particles accelerate the horizontal transfer of plasmid-mediated antimicrobial resistance genes. <i>Environment International</i> , 2018, 114, 280-287. | 4.8 | 44 |
| 20 | 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 |
| 21 | 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 |
| 22 | Concentration of viruses from environmental waters using nanoalumina fiber filters. <i>Journal of Microbiological Methods</i> , 2010, 81, 33-38. | 0.7 | 33 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Changes of microbial composition during wastewater reclamation and distribution systems revealed by high-throughput sequencing analyses. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 539-547. | 3.3 | 21 |
| 28 | 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 |
| 29 | Over 300kHz GaN device based resonant bidirectional DCDC converter with integrated magnetics. , 2016, , . | | 20 |
| 30 | Extracellular microcystin prediction based on toxigenic <i>Microcystis</i> detection in a eutrophic lake. <i>Scientific Reports</i> , 2016, 6, 20886. | 1.6 | 16 |
| 31 | Synthesis and biological research of novel azaacridine derivatives as potent DNA-binding ligands and topoisomerase II inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3437-3446. | 1.4 | 16 |
| 32 | 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 |
| 33 | 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 |
| 34 | River Extraction under Bankfull Discharge Conditions Based on Sentinel-2 Imagery and DEM Data. <i>Remote Sensing</i> , 2021, 13, 2650. | 1.8 | 13 |
| 35 | 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 |
| 36 | Probabilistic ecological risk assessment of effluent toxicity of a wastewater reclamation plant based on process modeling. <i>Water Research</i> , 2016, 100, 367-376. | 5.3 | 10 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | Accurate Removal of Trace $^{17}\beta$ -Estradiol and Estrogenic Activity in Blended Systems under a Photoelectrocatalytic Circulating Flow. <i>Environmental Science & Technology</i> , 2021, 55, 12585-12595. | 4.6 | 10 |
| 39 | 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 |
| 40 | Application of internal standard method in recombinant luminescent bacteria test. <i>Journal of Environmental Sciences</i> , 2015, 35, 128-134. | 3.2 | 5 |
| 41 | Fuel Fine Particulate Matter Induces Ovary Dysfunction via Metal Elements Imbalance and Steroid Biosynthesis Signaling Pathway Inhibition. <i>Environmental Science and Technology Letters</i> , 2019, 6, 26-33. | 3.9 | 4 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | Overlooked Significant Impact of Trace Metals on the Bacterial Community of PM _{2.5} in High-Resolution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035408. | 1.2 | 3 |
| 46 | Direct detection of adenovirus in environmental waste waters by portable optical fiber sensor platform. , 2013, , . | | 2 |