

# Liang Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2291968/publications.pdf>

Version: 2024-02-01

22  
papers

373  
citations

840776

11  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

461  
citing authors

#	ARTICLE	IF	CITATIONS
1	Game-based analysis of energy-water nexus for identifying environmental impacts during Shale gas operations under stochastic input. <i>Science of the Total Environment</i> , 2018, 627, 1585-1601.	8.0	107
2	Microbial assessments of soil with a 40-year history of reclaimed wastewater irrigation. <i>Science of the Total Environment</i> , 2019, 651, 696-705.	8.0	49
3	Emergency control system based on the analytical hierarchy process and coordinated development degree model for sudden water pollution accidents in the Middle Route of the South-to-North Water Transfer Project in China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12332-12342.	5.3	24
4	Distribution of volatile organic compounds (VOCs) in surface water, soil, and groundwater within a chemical industry park in Eastern China. <i>Water Science and Technology</i> , 2015, 71, 259-267.	2.5	21
5	Treatment of co-mingled benzene, toluene and TCE in groundwater. <i>Journal of Hazardous Materials</i> , 2014, 275, 116-120.	12.4	20
6	Electrochemical destruction and mobilization of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) in saturated soil. <i>Chemosphere</i> , 2022, 287, 132205.	8.2	20
7	The occurrence and distribution of antibiotics in the Karst river system in Kaiyang, Southwest China. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 2044-2052.	2.1	18
8	Gibberellic acid surface complexation on ferrihydrite at different pH values: Outer-sphere complexes versus inner-sphere complexes. <i>Science of the Total Environment</i> , 2019, 650, 741-748.	8.0	16
9	Projected temperature and precipitation changes using the <sc>LARS&W</sc> statistical downscaling model in the Shire River Basin, Malawi. <i>International Journal of Climatology</i> , 2022, 42, 400-415.	3.5	16
10	Increase and Spatial Variation in Soil Infiltration Rates Associated with Fibrous and Tap Tree Roots. <i>Water (Switzerland)</i> , 2019, 11, 1700.	2.7	15
11	Simultaneous determination of three chloroacetic acids, three herbicides, and 12 anions in water by ion chromatography. <i>Journal of Separation Science</i> , 2015, 38, 3096-3102.	2.5	12
12	Detection of semi-volatile organic compounds (SVOCs) in surface water, soil, and groundwater in a chemical industrial park in Eastern China. <i>Water Science and Technology</i> , 2016, 73, 1175-1189.	2.5	10
13	Oxidation of nine petroleum hydrocarbon compounds by combined hydrogen peroxide/sodium persulfate catalyzed by siderite. <i>Environmental Science and Pollution Research</i> , 2020, 27, 25655-25663.	5.3	9
14	Sorption specificity and desorption hysteresis of gibberellic acid on ferrihydrite compared to goethite, hematite, montmorillonite, and kaolinite. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19068-19075.	5.3	8
15	Insights into pH-dependent transformation of gibberellic acid in aqueous solution: Transformation pathway, mechanism and toxicity estimation. <i>Journal of Environmental Sciences</i> , 2021, 104, 1-10.	6.1	8
16	FABRICATION AND CHARACTERIZATION OF NOVEL Fe&Ni ALLOY COATED CARBON FIBERS FOR HIGH-PERFORMANCE SHIELDING MATERIALS. <i>Surface Review and Letters</i> , 2015, 22, 1550028.	1.1	4
17	Influence of Living and Dead Roots of Gansu Poplar on Water Infiltration and Distribution in Soil. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3593.	2.5	4
18	Evaluation of ammonia and nitrate distribution and reduction within stormwater green infrastructure with different woody plants under multiple influencing factors. <i>Journal of Environmental Management</i> , 2022, 302, 114086.	7.8	4

#	ARTICLE	IF	CITATIONS
19	Effects of bioaugmentation on sorption and desorption of benzene, 1,3,5-trimethylbenzene and naphthalene in freshly-spiked and historically-contaminated sediments. <i>Chemosphere</i> , 2016, 162, 1-7.	8.2	2
20	Sequestration Specificity of Single or Co-existing Benzene, 1,3,5-Trimethylbenzene, and Naphthalene in Soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 299-304.	3.4	1
21	Impact of coastal environmental factors on quinolone distribution in intertidal surface sediments of the Bohai Sea and Yellow Sea, China. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 482-491.	2.1	1
22	Application of a vertical "electric sieve" to mitigate and prevent salinization in coastal soil. <i>Land Degradation and Development</i> , 2022, 33, 2477-2486.	3.9	1