

Xu-jing Guo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2638982/xu-jing-guo-publications-by-citations.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51 papers	1,114 citations	19 h-index	32 g-index
51 ext. papers	1,385 ext. citations	5.8 avg, IF	4.72 L-index

#	Paper	IF	Citations
51	Spectroscopic characterization of water extractable organic matter during composting of municipal solid waste. <i>Chemosphere</i> , 2011 , 82, 541-8	8.4	189
50	Characterization of dissolved organic matter extracted from fermentation effluent of swine manure slurry using spectroscopic techniques and parallel factor analysis (PARAFAC). <i>Microchemical Journal</i> , 2012 , 102, 115-122	4.8	79
49	The binding properties of copper and lead onto compost-derived DOM using Fourier-transform infrared, UV-vis and fluorescence spectra combined with two-dimensional correlation analysis. <i>Journal of Hazardous Materials</i> , 2019 , 365, 457-466	12.8	68
48	Detection of Copper (II) and Cadmium (II) binding to dissolved organic matter from macrophyte decomposition by fluorescence excitation-emission matrix spectra combined with parallel factor analysis. <i>Environmental Pollution</i> , 2015 , 204, 152-60	9.3	67
47	Sequential extraction of anaerobic digestate sludge for the determination of partitioning of heavy metals. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 102, 18-24	7	64
46	Investigating the spatial variability of dissolved organic matter quantity and composition in Lake Wuliangsuhai. <i>Ecological Engineering</i> , 2014 , 62, 93-101	3.9	44
45	Spectroscopic techniques for quantitative characterization of Cu (II) and Hg (II) complexation by dissolved organic matter from lake sediment in arid and semi-arid region. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 85, 144-50	7	43
44	Detection of dissolved organic matter in saline-alkali soils using synchronous fluorescence spectroscopy and principal component analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 104, 280-6	4.4	38
43	Comparison of Different Pretreatments of Rice Straw Substrate to Improve Biogas Production. <i>Waste and Biomass Valorization</i> , 2018 , 9, 1503-1512	3.2	34
42	Characterization of dissolved organic matter from biogas residue composting using spectroscopic techniques. <i>Waste Management</i> , 2018 , 78, 301-309	8.6	31
41	Effects of digestate DOM on chemical behavior of soil heavy metals in an abandoned copper mining areas. <i>Journal of Hazardous Materials</i> , 2020 , 393, 122436	12.8	30
40	Changes and characteristics of dissolved organic matter in a constructed wetland system using fluorescence spectroscopy. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 12237-45	5.1	30
39	Experimental and visual research on the microbial induced carbonate precipitation by <i>Pseudomonas aeruginosa</i> . <i>AMB Express</i> , 2017 , 7, 57	4.1	25
38	Characterizing the fluorescent properties and copper complexation of dissolved organic matter in saline-alkali soils using fluorescence excitation-emission matrix and parallel factor analysis. <i>Journal of Soils and Sediments</i> , 2015 , 15, 1473-1482	3.4	25
37	Using fluorescence quenching combined with two-dimensional correlation fluorescence spectroscopy to characterise the binding-site heterogeneity of dissolved organic matter with copper and mercury in lake sediments. <i>Environmental Chemistry</i> , 2017 , 14, 91	3.2	23
36	Study on the spectral and Cu (II) binding characteristics of DOM leached from soils and lake sediments in the Hetao region. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 2079-87	5.1	23
35	A review on metal-organic frameworks for photoelectrocatalytic applications. <i>Chinese Chemical Letters</i> , 2020 , 31, 1773-1781	8.1	22

34	Electrokinetic removal of Cu and Zn in anaerobic digestate: interrelation between metal speciation and electrokinetic treatments. <i>Journal of Hazardous Materials</i> , 2015 , 286, 118-26	12.8	20
33	Investigating adsorption performance of heavy metals onto humic acid from sludge using Fourier-transform infrared combined with two-dimensional correlation spectroscopy. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 9842-9850	5.1	19
32	The spectral characteristics of dissolved organic matter from sediments in Lake Baiyangdian, North China. <i>Journal of Great Lakes Research</i> , 2014 , 40, 684-691	3	18
31	Nutrition potential of biogas residues as organic fertilizer regarding the speciation and leachability of inorganic metal elements. <i>Environmental Technology (United Kingdom)</i> , 2015 , 36, 992-1000	2.6	16
30	Investigating the spectral characteristic and humification degree of dissolved organic matter in saline-alkali soil using spectroscopic techniques. <i>Frontiers of Earth Science</i> , 2017 , 11, 76-84	1.7	15
29	Tracking variations of fluorescent dissolved organic matter during wastewater treatment by accumulative fluorescence emission spectroscopy combined with principal component, second derivative and canonical correlation analyses. <i>Chemosphere</i> , 2018 , 194, 463-470	8.4	15
28	Pollutant-removal performance and variability of DOM quantity and composition with traditional ecological concrete (TEC) and improved multi-aggregate eco-concrete (IMAEC) revetment treatments. <i>Ecological Engineering</i> , 2017 , 105, 141-149	3.9	14
27	Influence of the composition and removal characteristics of organic matter on heavy metal distribution in compost leachates. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 7522-9	5.1	14
26	Spectroscopic Properties of Dissolved Fulvic Acids. <i>Soil Science</i> , 2010 , 175, 240-245	0.9	14
25	Competitive adsorption of benzene and water vapor on lignite-based activated carbon: Experiment and molecular simulation study. <i>Chemical Engineering Journal</i> , 2020 , 398, 125557	14.7	11
24	Effects of digestate on biomass of a selected energy crop and soil properties. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 927-936	4.3	11
23	Characterization of Dissolved Organic Matter from Effluents in a Dry Anaerobic Digestion Process Using Spectroscopic Techniques and Multivariate Statistical Analysis. <i>Waste and Biomass Valorization</i> , 2017 , 8, 793-802	3.2	10
22	Insight into the binding properties of carbamazepine onto dissolved organic matter using spectroscopic techniques during grassy swale treatment. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 173, 444-451	7	10
21	The application of two-dimensional correlation spectroscopy for the binding properties of heavy metals onto digestate-derived DOM from anaerobic digestion of chicken manure. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 204, 111129	7	10
20	Impact of hydrophyte decomposition on the changes and characteristics of dissolved organic matter in lake water. <i>Ecological Indicators</i> , 2020 , 116, 106482	5.8	9
19	Investigating the pollutant-removal performance and DOM characteristics of rainfall surface runoff during different ecological concrete revetments treatment. <i>Ecological Indicators</i> , 2019 , 105, 655-662	5.8	9
18	Effect of biochar-derived DOM on the interaction between Cu(II) and biochar prepared at different pyrolysis temperatures. <i>Journal of Hazardous Materials</i> , 2022 , 421, 126739	12.8	9
17	Study on the complexation of heavy metals onto biogas slurry DOM using two-dimensional correlation spectroscopy combined with the log-transformed synchronous fluorescence spectroscopy. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 22878-22885	5.1	7

16	In-situ construction of amorphous/crystalline contact Bi ₂ S ₃ /Bi ₄ O ₇ heterostructures for enhanced visible-light photocatalysis. <i>Chinese Chemical Letters</i> , 2020 , 32, 2539-2539	8.1	6
15	Insights into the pollutant-removal performance and DOM characteristics of stormwater runoff during grassy-swales treatment. <i>Environmental Technology (United Kingdom)</i> , 2019 , 40, 441-450	2.6	6
14	Effects on the complexation of heavy metals onto biochar-derived WEOM extracted from low-temperature pyrolysis. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 221, 112456	7	5
13	Recovery of Phosphorus from Aqueous Solution by Iron-Aluminum-Zirconium-Modified Anthracite: Performance and Mechanism. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 8577-8584	8.3	4
12	Impacts of soil improvement on the pollutant-removal performance and DOM characteristics using a simulation experiment. <i>Ecological Indicators</i> , 2019 , 105, 581-590	5.8	4
11	Investigating Spectral Characteristics and Spatial Variability of Dissolved Organic Matter Leached from Wetland in Semi-Arid Region to Differentiate Its Sources and Fate. <i>Clean - Soil, Air, Water</i> , 2014 , 42, 1076-1082	1.6	4
10	Characteristic contaminants in snowpack and snowmelt surface runoff from different functional areas in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 36256-36266	5.1	4
9	Characterization of Dissolved Organic Matter in Lake Baiyangdian Using Spectroscopic Techniques and Multivariate Statistical Analysis. <i>Clean - Soil, Air, Water</i> , 2016 , 44, 1444-1452	1.6	3
8	Changes in spectral characteristics and copper (II)-binding of dissolved organic matter in leachate from different water-treatment processes. <i>Archives of Environmental Contamination and Toxicology</i> , 2014 , 66, 270-6	3.2	3
7	Case study on incentive mechanism of energy efficiency retrofit in coal-fueled power plant in China. <i>Scientific World Journal, The</i> , 2012 , 2012, 841636	2.2	2
6	Performance and mechanism of biochar-coupled BiVO ₄ photocatalyst on the degradation of sulfanilamide. <i>Journal of Cleaner Production</i> , 2021 , 325, 129349	10.3	2
5	Effects of hydrophyte decomposition on the binding mechanism between fluorescent DOM and copper. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 214, 112064	7	2
4	Detecting the Changes of Water Qualities and Fluorescent DOM in a Constructed Rapid Infiltration System. <i>Wetlands</i> , 2017 , 37, 585-592	1.7	1
3	Novel AgClxBr _{1-x} solid solutions photocatalyst with enhanced photocatalytic activity for reduction of Cr ⁶⁺ and oxidation of Bisphenol A under simulated sunlight. <i>Materials Research Bulletin</i> , 2021 , 139, 111257	5.1	1
2	Environmental Risk and Management of Herbal-Extraction Residues Induced by the Composition and Metal Binding Properties of DOM. <i>Frontiers in Environmental Science</i> , 2022 , 10,	4.8	1
1	Insight into the effects of biological treatment on the binding properties of copper onto dissolved organic matter derived from coking wastewater.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 238, 113567	7	0