

Liyang Yang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1805365/liyang-yang-publications-by-citations.pdf>

Version: 2024-04-25

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.

41
papers

1,512
citations

23
h-index

38
g-index

42
ext. papers

1,920
ext. citations

5.6
avg, IF

5.1
L-index

#	Paper	IF	Citations
41	Occurrence and behaviors of fluorescence EEM-PARAFAC components in drinking water and wastewater treatment systems and their applications: a review. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 6500-10	5.1	134
40	Lipid biomarkers and spectroscopic indices for identifying organic matter sources in aquatic environments: A review. <i>Water Research</i> , 2017 , 112, 58-71	12.5	123
39	Characterizing treated wastewaters of different industries using clustered fluorescence EEM-PARAFAC and FT-IR spectroscopy: implications for downstream impact and source identification. <i>Chemosphere</i> , 2015 , 127, 222-8	8.4	107
38	Critical evaluation of spectroscopic indices for organic matter source tracing via end member mixing analysis based on two contrasting sources. <i>Water Research</i> , 2014 , 59, 80-9	12.5	97
37	Assessing the dynamics of chromophoric dissolved organic matter in a subtropical estuary using parallel factor analysis. <i>Marine Chemistry</i> , 2011 , 124, 125-133	3.7	96
36	Assessing trihalomethanes (THMs) and N-nitrosodimethylamine (NDMA) formation potentials in drinking water treatment plants using fluorescence spectroscopy and parallel factor analysis. <i>Chemosphere</i> , 2015 , 121, 84-91	8.4	76
35	Runoff-mediated seasonal oscillation in the dynamics of dissolved organic matter in different branches of a large bifurcated estuary—the Changjiang Estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014 , 119, 776-793	3.7	72
34	Characterization of dissolved organic matter under contrasting hydrologic regimes in a subtropical watershed using PARAFAC model. <i>Biogeochemistry</i> , 2012 , 109, 163-174	3.8	68
33	Estimating the concentration and biodegradability of organic matter in 22 wastewater treatment plants using fluorescence excitation emission matrices and parallel factor analysis. <i>Sensors</i> , 2014 , 14, 1771-86	3.8	64
32	Spatial variability in the abundance, composition, and age of organic matter in surficial sediments of the East China Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013 , 118, 1495-1507	3.7	58
31	Influence of a summer storm event on the flux and composition of dissolved organic matter in a subtropical river, China. <i>Applied Geochemistry</i> , 2013 , 28, 164-171	3.5	56
30	Tracking the evolution of stream DOM source during storm events using end member mixing analysis based on DOM quality. <i>Journal of Hydrology</i> , 2015 , 523, 333-341	6	52
29	Benthic flux of dissolved organic matter from lake sediment at different redox conditions and the possible effects of biogeochemical processes. <i>Water Research</i> , 2014 , 61, 97-107	12.5	46
28	Unveiling the transformation and bioavailability of dissolved organic matter in contrasting hydrothermal vents using fluorescence EEM-PARAFAC. <i>Water Research</i> , 2017 , 111, 195-203	12.5	45
27	Absorption and fluorescence of dissolved organic matter in submarine hydrothermal vents off NE Taiwan. <i>Marine Chemistry</i> , 2012 , 128-129, 64-71	3.7	43
26	Chromophoric dissolved organic matter in the estuaries of populated and mountainous Taiwan. <i>Marine Chemistry</i> , 2013 , 157, 12-23	3.7	39
25	Effects of changing land use on dissolved organic matter in a subtropical river watershed, southeast China. <i>Regional Environmental Change</i> , 2012 , 12, 145-151	4.3	38

24	Monitoring dissolved organic matter in wastewater and drinking water treatments using spectroscopic analysis and ultra-high resolution mass spectrometry. <i>Water Research</i> , 2021 , 188, 116406	12.5	34
23	Non-conservative behaviors of chromophoric dissolved organic matter in a turbid estuary: Roles of multiple biogeochemical processes. <i>Estuarine, Coastal and Shelf Science</i> , 2013 , 133, 285-292	2.9	31
22	Characterization and bioavailability of rainwater dissolved organic matter at the southeast coast of China using absorption spectroscopy and fluorescence EEM-PARAFAC. <i>Estuarine, Coastal and Shelf Science</i> , 2019 , 217, 45-55	2.9	26
21	Dynamics of dissolved organic matter during four storm events in two forest streams: source, export, and implications for harmful disinfection byproduct formation. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 9173-83	5.1	25
20	Mixing behavior and bioavailability of dissolved organic matter in two contrasting subterranean estuaries as revealed by fluorescence spectroscopy and parallel factor analysis. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 166, 161-169	2.9	25
19	Coupled effects of urbanization level and dam on microplastics in surface waters in a coastal watershed of Southeast China. <i>Marine Pollution Bulletin</i> , 2020 , 154, 111089	6.7	25
18	Riverine carbon fluxes to the South China Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017 , 122, 1239-1259	3.7	23
17	Burial of terrestrial and marine organic carbon in Jiaozhou Bay: different responses to urbanization. <i>Regional Environmental Change</i> , 2011 , 11, 707-714	4.3	20
16	Seasonal changes in the chemical composition and reactivity of dissolved organic matter at the land-ocean interface of a subtropical river. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 24595-24608	5.1	16
15	Effects of microbial transformation on dissolved organic matter in the east Taiwan Strait and implications for carbon and nutrient cycling. <i>Estuarine, Coastal and Shelf Science</i> , 2016 , 180, 59-68	2.9	16
14	Impacts of global changes on the biogeochemistry and environmental effects of dissolved organic matter at the land-ocean interface: a review. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 4165-4173	5.1	11
13	Photo-production of dissolved inorganic carbon from dissolved organic matter in contrasting coastal waters in the southwestern Taiwan Strait, China. <i>Journal of Environmental Sciences</i> , 2012 , 24, 1181-8	6.4	10
12	Submarine Groundwater Discharge helps making nearshore waters heterotrophic. <i>Scientific Reports</i> , 2018 , 8, 11650	4.9	9
11	Effects of fish culture on particulate organic matter in a reservoir-type river as revealed by absorption spectroscopy and fluorescence EEM-PARAFAC. <i>Chemosphere</i> , 2020 , 239, 124734	8.4	7
10	Spectral and isotopic characteristics of particulate organic matter in a subtropical estuary under the influences of human disturbance. <i>Journal of Marine Systems</i> , 2020 , 203, 103264	2.7	5
9	Diurnal variations of dissolved organic matter in the hydrothermal system of Green Island, Taiwan. <i>Marine Chemistry</i> , 2017 , 195, 61-69	3.7	3
8	Optical properties of estuarine dissolved organic matter isolated using cross-flow ultrafiltration. <i>Acta Oceanologica Sinica</i> , 2014 , 33, 22-29	1	3
7	Assessing the priming effect of dissolved organic matter from typical sources using fluorescence EEMs-PARAFAC. <i>Chemosphere</i> , 2021 , 264, 128600	8.4	3

6	Carbon isotopes and lignin phenols for tracing the floods during the past 70 years in the middle reach of the Changjiang River. <i>Acta Oceanologica Sinica</i> , 2020 , 39, 33-41	1	2
5	Feasible synthesis of a novel and low-cost seawater-modified biochar and its potential application in phosphate removal/recovery from wastewater.. <i>Science of the Total Environment</i> , 2022 , 153833	10.2	2
4	Testing the effects of coastal culture on particulate organic matter using absorption and fluorescence spectroscopy. <i>Journal of Cleaner Production</i> , 2021 , 325, 129203	10.3	1
3	Data-Driven Method With Numerical Model: A Combining Framework for Predicting Subtropical River Plumes. <i>Journal of Geophysical Research: Oceans</i> , 2022 , 127,	3.3	1
2	Assessing the Dynamics of Dissolved Organic Matter in the Changjiang Estuary with Absorption and Fluorescence Spectroscopy 2013 , 939-943		
1	Comparing the Pb(II) binding with different fluorescent components of dissolved organic matter from typical sources.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	