

# Liyang Yang

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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	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> , <b>2022</b> , 153833	10.2	2
40	Data-Driven Method With Numerical Model: A Combining Framework for Predicting Subtropical River Plumes. <i>Journal of Geophysical Research: Oceans</i> , <b>2022</b> , 127,	3.3	1
39	Comparing the Pb(II) binding with different fluorescent components of dissolved organic matter from typical sources.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	
38	Testing the effects of coastal culture on particulate organic matter using absorption and fluorescence spectroscopy. <i>Journal of Cleaner Production</i> , <b>2021</b> , 325, 129203	10.3	1
37	Monitoring dissolved organic matter in wastewater and drinking water treatments using spectroscopic analysis and ultra-high resolution mass spectrometry. <i>Water Research</i> , <b>2021</b> , 188, 116406	12.5	34
36	Assessing the priming effect of dissolved organic matter from typical sources using fluorescence EEMs-PARAFAC. <i>Chemosphere</i> , <b>2021</b> , 264, 128600	8.4	3
35	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> , <b>2020</b> , 39, 33-41	1	2
34	Spectral and isotopic characteristics of particulate organic matter in a subtropical estuary under the influences of human disturbance. <i>Journal of Marine Systems</i> , <b>2020</b> , 203, 103264	2.7	5
33	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> , <b>2020</b> , 239, 124734	8.4	7
32	Coupled effects of urbanization level and dam on microplastics in surface waters in a coastal watershed of Southeast China. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 154, 111089	6.7	25
31	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> , <b>2019</b> , 26, 24595-24608	5.1	16
30	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> , <b>2019</b> , 217, 45-55	2.9	26
29	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> , <b>2018</b> , 25, 4165-4173	5.1	11
28	Submarine Groundwater Discharge helps making nearshore waters heterotrophic. <i>Scientific Reports</i> , <b>2018</b> , 8, 11650	4.9	9
27	Lipid biomarkers and spectroscopic indices for identifying organic matter sources in aquatic environments: A review. <i>Water Research</i> , <b>2017</b> , 112, 58-71	12.5	123
26	Unveiling the transformation and bioavailability of dissolved organic matter in contrasting hydrothermal vents using fluorescence EEM-PARAFAC. <i>Water Research</i> , <b>2017</b> , 111, 195-203	12.5	45
25	Riverine carbon fluxes to the South China Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2017</b> , 122, 1239-1259	3.7	23

24	Diurnal variations of dissolved organic matter in the hydrothermal system of Green Island, Taiwan. <i>Marine Chemistry</i> , <b>2017</b> , 195, 61-69	3.7	3
23	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> , <b>2016</b> , 180, 59-68	2.9	16
22	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> , <b>2015</b> , 22, 9173-83	5.1	25
21	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> , <b>2015</b> , 22, 6500-10	5.1	134
20	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> , <b>2015</b> , 127, 222-8	8.4	107
19	Assessing trihalomethanes (THMs) and N-nitrosodimethylamine (NDMA) formation potentials in drinking water treatment plants using fluorescence spectroscopy and parallel factor analysis. <i>Chemosphere</i> , <b>2015</b> , 121, 84-91	8.4	76
18	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> , <b>2015</b> , 166, 161-169	2.9	25
17	Tracking the evolution of stream DOM source during storm events using end member mixing analysis based on DOM quality. <i>Journal of Hydrology</i> , <b>2015</b> , 523, 333-341	6	52
16	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> , <b>2014</b> , 119, 776-793	3.7	72
15	Optical properties of estuarine dissolved organic matter isolated using cross-flow ultrafiltration. <i>Acta Oceanologica Sinica</i> , <b>2014</b> , 33, 22-29	1	3
14	Critical evaluation of spectroscopic indices for organic matter source tracing via end member mixing analysis based on two contrasting sources. <i>Water Research</i> , <b>2014</b> , 59, 80-9	12.5	97
13	Benthic flux of dissolved organic matter from lake sediment at different redox conditions and the possible effects of biogeochemical processes. <i>Water Research</i> , <b>2014</b> , 61, 97-107	12.5	46
12	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> , <b>2014</b> , 14, 1771-86	3.8	64
11	Chromophoric dissolved organic matter in the estuaries of populated and mountainous Taiwan. <i>Marine Chemistry</i> , <b>2013</b> , 157, 12-23	3.7	39
10	Influence of a summer storm event on the flux and composition of dissolved organic matter in a subtropical river, China. <i>Applied Geochemistry</i> , <b>2013</b> , 28, 164-171	3.5	56
9	Non-conservative behaviors of chromophoric dissolved organic matter in a turbid estuary: Roles of multiple biogeochemical processes. <i>Estuarine, Coastal and Shelf Science</i> , <b>2013</b> , 133, 285-292	2.9	31
8	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> , <b>2013</b> , 118, 1495-1507	3.7	58
7	Assessing the Dynamics of Dissolved Organic Matter in the Changjiang Estuary with Absorption and Fluorescence Spectroscopy <b>2013</b> , 939-943		

6	Absorption and fluorescence of dissolved organic matter in submarine hydrothermal vents off NE Taiwan. <i>Marine Chemistry</i> , <b>2012</b> , 128-129, 64-71	3-7	43
5	Effects of changing land use on dissolved organic matter in a subtropical river watershed, southeast China. <i>Regional Environmental Change</i> , <b>2012</b> , 12, 145-151	4-3	38
4	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> , <b>2012</b> , 24, 1181-8	6-4	10
3	Characterization of dissolved organic matter under contrasting hydrologic regimes in a subtropical watershed using PARAFAC model. <i>Biogeochemistry</i> , <b>2012</b> , 109, 163-174	3-8	68
2	Burial of terrestrial and marine organic carbon in Jiaozhou Bay: different responses to urbanization. <i>Regional Environmental Change</i> , <b>2011</b> , 11, 707-714	4-3	20
1	Assessing the dynamics of chromophoric dissolved organic matter in a subtropical estuary using parallel factor analysis. <i>Marine Chemistry</i> , <b>2011</b> , 124, 125-133	3-7	96