

Liyang Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1805365/publications.pdf>

Version: 2024-02-01

40
papers

2,268
citations

218381

26
h-index

301761

39
g-index

43
all docs

43
docs citations

43
times ranked

2059
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid biomarkers and spectroscopic indices for identifying organic matter sources in aquatic environments: A review. <i>Water Research</i> , 2017, 112, 58-71.	5.3	187
2	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, 6500-6510.	2.7	181
3	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, 222-228.	4.2	139
4	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.	5.3	124
5	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, 80-89.	5.3	120
6	Assessing the dynamics of chromophoric dissolved organic matter in a subtropical estuary using parallel factor analysis. <i>Marine Chemistry</i> , 2011, 124, 125-133.	0.9	116
7	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.	1.3	107
8	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.	4.2	100
9	Characterization of dissolved organic matter under contrasting hydrologic regimes in a subtropical watershed using PARAFAC model. <i>Biogeochemistry</i> , 2012, 109, 163-174.	1.7	87
10	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.	2.3	82
11	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, 1771-1786.	2.1	77
12	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.	1.3	74
13	Absorption and fluorescence of dissolved organic matter in submarine hydrothermal vents off NE Taiwan. <i>Marine Chemistry</i> , 2012, 128-129, 64-71.	0.9	70
14	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.	1.4	70
15	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.	5.3	63
16	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.	2.3	60
17	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.	5.3	57
18	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.	0.9	55

#	ARTICLE	IF	CITATIONS
19	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.	1.4	48
20	Chromophoric dissolved organic matter in the estuaries of populated and mountainous Taiwan. <i>Marine Chemistry</i> , 2013, 157, 12-23.	0.9	46
21	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.	0.9	40
22	Riverine carbon fluxes to the South China Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1239-1259.	1.3	38
23	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.	2.7	36
24	Assessing the priming effect of dissolved organic matter from typical sources using fluorescence EEMs-PARAFAC. <i>Chemosphere</i> , 2021, 264, 128600.	4.2	36
25	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.	0.9	34
26	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, 9173-9183.	2.7	32
27	Burial of terrestrial and marine organic carbon in Jiaozhou Bay: different responses to urbanization. <i>Regional Environmental Change</i> , 2011, 11, 707-714.	1.4	23
28	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.	0.9	23
29	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.	0.9	23
30	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.	4.2	22
31	Submarine Groundwater Discharge helps making nearshore waters heterotrophic. <i>Scientific Reports</i> , 2018, 8, 11650.	1.6	20
32	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, 824, 153833.	3.9	20
33	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.	2.7	15
34	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, 1181-1188.	3.2	14
35	Testing the effects of coastal culture on particulate organic matter using absorption and fluorescence spectroscopy. <i>Journal of Cleaner Production</i> , 2021, 325, 129203.	4.6	11
36	Optical properties of estuarine dissolved organic matter isolated using cross-flow ultrafiltration. <i>Acta Oceanologica Sinica</i> , 2014, 33, 22-29.	0.4	5

#	ARTICLE	IF	CITATIONS
37	Diurnal variations of dissolved organic matter in the hydrothermal system of Green Island, Taiwan. <i>Marine Chemistry</i> , 2017, 195, 61-69.	0.9	4
38	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.	0.4	4
39	Data-Driven Method With Numerical Model: A Combining Framework for Predicting Subtropical River Plumes. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	4
40	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.	2.7	0