

Fluorescence Tracking of Dissolved and Particulate Organic Matter in a River-Dominated Estuary

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Citation Report

#	ARTICLE	IF	CITATIONS
5	Geochemistry Articles – August 2012. <i>Organic Geochemistry</i> , 2012, 52, e1-e24.	1.8	0
6	Identifying the sources and fate of anthropogenically impacted dissolved organic matter (DOM) in urbanized rivers. <i>Water Research</i> , 2013, 47, 5027-5039.	11.3	165
7	Evaluating the distribution of terrestrial dissolved organic matter in a complex coastal ecosystem using fluorescence spectroscopy. <i>Continental Shelf Research</i> , 2013, 66, 136-144.	1.8	144
8	Pyrolysis temperature-dependent release of dissolved organic carbon from plant, manure, and biorefinery wastes. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 84-94.	5.5	129
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> , 2013, 133, 285-292.	2.1	40
10	Assessing removal efficiency of dissolved organic matter in wastewater treatment using fluorescence excitation emission matrices with parallel factor analysis and second derivative synchronous fluorescence. <i>Bioresource Technology</i> , 2013, 144, 595-601.	9.6	112
11	UV-induced photochemical heterogeneity of dissolved and attached organic matter associated with cyanobacterial blooms in a eutrophic freshwater lake. <i>Water Research</i> , 2013, 47, 6506-6515.	11.3	86
12	Compositional differences of chromophoric dissolved organic matter derived from phytoplankton and macrophytes. <i>Organic Geochemistry</i> , 2013, 55, 26-37.	1.8	140
13	Photobleaching Response of Different Sources of Chromophoric Dissolved Organic Matter Exposed to Natural Solar Radiation Using Absorption and Excitation Emission Matrix Spectra. <i>PLoS ONE</i> , 2013, 8, e77515.	2.5	55
14	Adsorption of 17 β -estradiol by multi-walled carbon nanotubes in natural waters with or without aquatic colloids. <i>Chemical Engineering Journal</i> , 2014, 258, 185-193.	12.7	56
15	Parallel Factor Analysis. , 2014, , 65-92.		2
16	Stream water carbon controls in seasonally snow-covered mountain catchments: impact of inter-annual variability of water fluxes, catchment aspect and seasonal processes. <i>Biogeochemistry</i> , 2014, 118, 273-290.	3.5	60
17	Seasonal changes in estuarine dissolved organic matter due to variable flushing time and wind-driven mixing events. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 151, 210-220.	2.1	38
18	Remote Sensing and Modeling. <i>Coastal Research Library</i> , 2014, , .	0.4	6
19	Photochemical alteration of biogenic particles in wastewater effluents. <i>Science Bulletin</i> , 2014, 59, 3659-3668.	1.7	8
20	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 C: Biogeosciences</i> , 2014, 119, 776-793.	3.0	107
21	Photochemically Induced Formation of Reactive Oxygen Species (ROS) from Effluent Organic Matter. <i>Environmental Science & Technology</i> , 2014, 48, 12645-12653.	10.0	274
22	Dissolved Organic Matter Quality and Bioavailability Changes Across an Urbanization Gradient in Headwater Streams. <i>Environmental Science & Technology</i> , 2014, 48, 7817-7824.	10.0	239

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23	Optical and chemical characterization of base-extracted particulate organic matter in coastal marine environments. <i>Marine Chemistry</i> , 2014, 162, 96-113.	2.3	63
24	Applications of Excitation Emission Matrix Fluorescence with Parallel Factor Analysis (EEM-PARAFAC) in Assessing Environmental Dynamics of Natural Dissolved Organic Matter (DOM) in Aquatic Environments: A Review. <i>ACS Symposium Series</i> , 2014, , 27-73.	0.5	49
25	DOM removal by flocculation process: Fluorescence excitation-emission matrix spectroscopy (EEMs) characterization. <i>Desalination</i> , 2014, 346, 38-45.	8.2	62
26	Sunlight-induced changes in chromophores and fluorophores of wastewater-derived organic matter in receiving waters - The role of salinity. <i>Water Research</i> , 2014, 62, 281-292.	11.3	45
27	Spectroscopic characterization of dissolved organic matter isolates from sediments and the association with phenanthrene binding affinity. <i>Chemosphere</i> , 2014, 111, 450-457.	8.2	63
28	Spectroscopic measurements of estuarine dissolved organic matter dynamics during a large-scale Mississippi River flood diversion. <i>Science of the Total Environment</i> , 2014, 485-486, 518-527.	8.0	27
29	Using in situ ultraviolet-visible spectroscopy to measure nitrogen, carbon, phosphorus, and suspended solids concentrations at a high frequency in a brackish tidal marsh. <i>Limnology and Oceanography: Methods</i> , 2014, 12, 10-22.	2.0	90
30	comPARAFAC: a library and tools for rapid and quantitative comparison of dissolved organic matter components resolved by Parallel Factor Analysis. <i>Limnology and Oceanography: Methods</i> , 2014, 12, 114-125.	2.0	25
31	Seasonal variation in the quality of dissolved and particulate organic matter exchanged between a salt marsh and its adjacent estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1430-1449.	3.0	71
32	Fluorescence-based source tracking of organic sediment in restored and unrestored urban streams. <i>Limnology and Oceanography</i> , 2015, 60, 1439-1461.	3.1	21
33	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.	2.1	34
34	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.	5.3	32
35	Amplified solubilization effects of inherent dissolved organic matter releasing from less-humified sediment on phenanthrene sorption. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11955-11965.	5.3	2
36	Characterization of the composition of water DOM in a surface flow constructed wetland using fluorescence spectroscopy coupled with derivative and PARAFAC. <i>Environmental Earth Sciences</i> , 2015, 73, 5153-5161.	2.7	18
37	Dynamics of chromophoric dissolved organic matter influenced by hydrological conditions in a large, shallow, and eutrophic lake in China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12992-13003.	5.3	26
38	Tracing dissolved organic matter (DOM) from land-based aquaculture systems in North Patagonian streams. <i>Science of the Total Environment</i> , 2015, 537, 129-138.	8.0	69
39	Aggregation behavior of engineered nanoparticles and their impact on activated sludge in wastewater treatment. <i>Chemosphere</i> , 2015, 119, 568-576.	8.2	86
40	The Optical Properties of DOM in the Ocean. , 2015, , 481-508.		103

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41	Pan-Arctic Trends in Terrestrial Dissolved Organic Matter from Optical Measurements. <i>Frontiers in Earth Science</i> , 2016, 4, .	1.8	104
42	Optical Proxies for Terrestrial Dissolved Organic Matter in Estuaries and Coastal Waters. <i>Frontiers in Marine Science</i> , 0, 2, .	2.5	114
43	Linking Heterotrophic Microbial Activities with Particle Characteristics in Waters of the Mississippi River Delta in the Aftermath of Hurricane Isaac. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	8
44	Editorial: Linking Optical and Chemical Properties of Dissolved Organic Matter in Natural Waters. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	18
45	Fluorescence spectroscopy for monitoring reduction of natural organic matter and halogenated furanone precursors by biofiltration. <i>Chemosphere</i> , 2016, 153, 155-161.	8.2	30
46	Drought and saltwater incursion synergistically reduce dissolved organic carbon export from coastal freshwater wetlands. <i>Biogeochemistry</i> , 2016, 127, 411-426.	3.5	62
47	Inflow rate-driven changes in the composition and dynamics of chromophoric dissolved organic matter in a large drinking water lake. <i>Water Research</i> , 2016, 100, 211-221.	11.3	110
48	Combining parallel factor analysis and machine learning for the classification of dissolved organic matter according to source using fluorescence signatures. <i>Chemosphere</i> , 2016, 155, 283-291.	8.2	24
49	Anthropogenic signature of sediment organic matter probed by UV-Vis fluorescence spectroscopy and the association with heavy metal enrichment. <i>Chemosphere</i> , 2016, 150, 184-193.	8.2	65
50	Molecular diversity of riverine alkaline-extractable sediment organic matter and its linkages with spectral indicators and molecular size distributions. <i>Water Research</i> , 2016, 100, 222-231.	11.3	56
51	Water quality dynamics of ephemeral wetlands in the Piedmont ecoregion, South Carolina, USA. <i>Ecological Engineering</i> , 2016, 94, 555-563.	3.6	9
52	Synchronous fluorescence spectroscopy combined with two-dimensional correlation and principle component analysis to characterize dissolved organic matter in an urban river. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 579.	2.7	11
53	Can fluorescence spectrometry be used as a surrogate for predicting the dissolved organic nitrogen and its bioavailable portion in wastewater effluents?. <i>Chemosphere</i> , 2016, 164, 299-303.	8.2	17
54	Concentration, composition, bioavailability, and N-nitrosodimethylamine formation potential of particulate and dissolved organic nitrogen in wastewater effluents: A comparative study. <i>Science of the Total Environment</i> , 2016, 569-570, 1359-1368.	8.0	25
55	Spectroscopic and microscopic characteristics of natural aquatic nanoscale particles from riverine waters. <i>Journal of Geochemical Exploration</i> , 2016, 170, 10-20.	3.2	6
56	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.	2.1	23
57	Characteristics and DBP formation of dissolved organic matter from leachates of fresh and aged leaf litter. <i>Chemosphere</i> , 2016, 152, 335-344.	8.2	18
58	Predicting Sources of Dissolved Organic Nitrogen to an Estuary from an Agro-Urban Coastal Watershed. <i>Environmental Science & Technology</i> , 2016, 50, 8473-8484.	10.0	107

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59	Effects of dissolved organic matter on phototransformation rates and dioxin products of triclosan and 2-hydroxy-BDE-28 in estuarine water. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 1177-1184.	3.5	12
60	Photochemical reactivities of dissolved organic matter (DOM) in a sub-alpine lake revealed by EEM-PARAFAC: An insight into the fate of allochthonous DOM in alpine lakes affected by climate change. <i>Science of the Total Environment</i> , 2016, 568, 216-225.	8.0	85
61	Differences in spectroscopic characteristics between dissolved and particulate organic matters in sediments: Insight into distribution behavior of sediment organic matter. <i>Science of the Total Environment</i> , 2016, 547, 1-8.	8.0	56
62	Will enhanced turbulence in inland waters result in elevated production of autochthonous dissolved organic matter?. <i>Science of the Total Environment</i> , 2016, 543, 405-415.	8.0	27
63	Coupling effects of abiotic and biotic factors on molecular composition of dissolved organic matter in a freshwater wetland. <i>Science of the Total Environment</i> , 2016, 544, 525-534.	8.0	29
64	Hydrology controls dissolved organic matter export and composition in an Alpine stream and its hyporheic zone. <i>Limnology and Oceanography</i> , 2016, 61, 558-571.	3.1	106
65	Comparison of PARAFAC components of fluorescent dissolved and particular organic matter from two urbanized rivers. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10644-10655.	5.3	41
66	Dynamic exchanges between DOM and POM pools in coastal and inland aquatic ecosystems: A review. <i>Science of the Total Environment</i> , 2016, 551-552, 415-428.	8.0	153
67	Effect of algal flocculation on dissolved organic matters using cationic starch modified soils. <i>Journal of Environmental Sciences</i> , 2016, 45, 177-184.	6.1	6
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69	Transport and humification of dissolved organic matter within a semi-arid floodplain. <i>Journal of Environmental Sciences</i> , 2017, 57, 24-32.	6.1	24
70	Tracking fluorescent components of dissolved organic matter from soils in large-scale irrigated area. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6563-6571.	5.3	12
71	Potential rainfall-intensity and pH-driven shifts in the apparent fluorescent composition of dissolved organic matter in rainwater. <i>Environmental Pollution</i> , 2017, 224, 638-648.	7.5	34
72	Fluorescence Approach for the Determination of Fluorescent Dissolved Organic Matter. <i>Analytical Chemistry</i> , 2017, 89, 4264-4271.	6.5	45
73	Land-based salmon aquacultures change the quality and bacterial degradation of riverine dissolved organic matter. <i>Scientific Reports</i> , 2017, 7, 43739.	3.3	36
74	Multivariate Analyses of Phytoplankton Pigment Fluorescence from a Freshwater River Network. <i>Environmental Science & Technology</i> , 2017, 51, 6683-6690.	10.0	20
75	Terrestrially derived glomalin-related soil protein quality as a potential ecological indicator in a peri-urban watershed. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 315.	2.7	2
76	Spectroscopic and molecular characterization of humic substances (HS) from soils and sediments in a watershed: comparative study of HS chemical fractions and the origins. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16933-16945.	5.3	45

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77	Molecular size-dependent abundance and composition of dissolved organic matter in river, lake and sea waters. <i>Water Research</i> , 2017, 117, 115-126.	11.3	187
78	Characterization of extracellular polymeric substances in biofilms under long-term exposure to ciprofloxacin antibiotic using fluorescence excitation-emission matrix and parallel factor analysis. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13536-13545.	5.3	48
79	Anthropogenic Influences of Paved Runoff and Sanitary Sewage on the Dissolved Organic Matter Quality of Wet Weather Overflows: An Excitation-Emission Matrix Parallel Factor Analysis Assessment. <i>Environmental Science & Technology</i> , 2017, 51, 1157-1167.	10.0	62
80	Stimulation of Phytoplankton Production by Anthropogenic Dissolved Organic Nitrogen in a Coastal Plain Estuary. <i>Environmental Science & Technology</i> , 2017, 51, 13104-13112.	10.0	20
81	Characteristics, sources, and photobleaching of chromophoric dissolved organic matter (CDOM) in large and shallow Hongze Lake, China. <i>Journal of Great Lakes Research</i> , 2017, 43, 1165-1172.	1.9	19
82	Sources, composition, and spectroscopic characteristics of dissolved organic matter extracted from sediments in an anthropogenic-impacted river in Southeastern China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 25431-25440.	5.3	18
83	Novel insights into the coagulation process for pharmaceutical wastewater treatment with fluorescence EEMs-PARAFAC. <i>Water Science and Technology</i> , 2017, 76, 3246-3257.	2.5	4
84	Hydraulic connectivity and evaporation control the water quality and sources of chromophoric dissolved organic matter in Lake Bosten in arid northwest China. <i>Chemosphere</i> , 2017, 188, 608-617.	8.2	20
85	Seasonal dynamics of particulate organic matter and its response to flooding in the Pearl River estuary, China, revealed by stable isotope ($\delta^{13}C$ and $\delta^{15}N$) analyses. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 6835-6856.	2.6	72
86	Fluorescence and Quenching Assessment (EEM-PARAFAC) of de Facto Potable Reuse in the Neuse River, North Carolina, United States. <i>Environmental Science & Technology</i> , 2017, 51, 13592-13602.	10.0	35
87	Accumulation of humic-like and proteinaceous dissolved organic matter in zero-discharge aquaculture systems as revealed by fluorescence EEM spectroscopy. <i>Water Research</i> , 2017, 108, 412-421.	11.3	48
88	Investigation of fluorescence methods for rapid detection of municipal wastewater impact on drinking water sources. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 104-111.	3.9	12
89	Fluorescence peak integration ratio IC:IT as a new potential indicator tracing the compositional changes in chromophoric dissolved organic matter. <i>Science of the Total Environment</i> , 2017, 574, 1588-1598.	8.0	64
90	Seasonal Variation in Flocculation Potential of River Water: Roles of the Organic Matter Pool. <i>Water (Switzerland)</i> , 2017, 9, 335.	2.7	28
91	Terrestrial dissolved organic matter distribution in the North Sea. <i>Science of the Total Environment</i> , 2018, 630, 630-647.	8.0	64
92	Spectroscopic study on transformations of dissolved organic matter in coal-to-liquids wastewater under integrated chemical oxidation and biological treatment process. <i>Journal of Environmental Sciences</i> , 2018, 70, 206-216.	6.1	24
93	Black Sea dissolved organic matter dynamics: Insights from optical analyses. <i>Limnology and Oceanography</i> , 2018, 63, 1425-1443.	3.1	21
94	Particulate Organic Matter Composition in Stream Runoff Following Large Storms: Role of POM Sources, Particle Size, and Event Characteristics. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 660-675.	3.0	28

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95	Impacts of land-use on surface waters at the watershed scale in southeastern China: Insight from fluorescence excitation-emission matrix and PARAFAC. <i>Science of the Total Environment</i> , 2018, 627, 647-657.	8.0	33
96	Dry habitats sustain high CO ₂ emissions from temporary ponds across seasons. <i>Scientific Reports</i> , 2018, 8, 3015.	3.3	35
97	Intriguing changes in molecular size and composition of dissolved organic matter induced by microbial degradation and self-assembly. <i>Water Research</i> , 2018, 135, 187-194.	11.3	93
98	Investigating the composition characteristics of dissolved and particulate/colloidal organic matter in effluent-dominated stream using fluorescence spectroscopy combined with multivariable analysis. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9132-9144.	5.3	9
99	Cation-induced coagulation of aquatic plant-derived dissolved organic matter: Investigation by EEM-PARAFAC and FT-IR spectroscopy. <i>Environmental Pollution</i> , 2018, 234, 726-734.	7.5	50
100	Two decades of tropical cyclone impacts on North Carolina's estuarine carbon, nutrient and phytoplankton dynamics: implications for biogeochemical cycling and water quality in a stormier world. <i>Biogeochemistry</i> , 2018, 141, 307-332.	3.5	98
101	First HOV Alvin study of the pelagic environment at Hydrographer Canyon (NW Atlantic). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 150, 30-40.	1.4	5
102	Variations in cyanobacterial and algal communities and soil characteristics under biocrust development under similar environmental conditions. <i>Plant and Soil</i> , 2018, 429, 241-251.	3.7	25
103	Estimation of different source contributions to sediment organic matter in an agricultural-forested watershed using end member mixing analyses based on stable isotope ratios and fluorescence spectroscopy. <i>Science of the Total Environment</i> , 2018, 618, 569-578.	8.0	79
104	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.	8.2	30
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106	Spatial and temporal variations of bulk and colloidal dissolved organic matter in a large anthropogenically perturbed estuary. <i>Environmental Pollution</i> , 2018, 243, 1528-1538.	7.5	28
107	New insight into the applicability of spectroscopic indices for dissolved organic matter (DOM) source discrimination in aquatic systems affected by biogeochemical processes. <i>Water Research</i> , 2018, 147, 164-176.	11.3	101
108	Flood-driven CO ₂ emissions from adjacent North Carolina estuaries during Hurricane Joaquin (2015). <i>Marine Chemistry</i> , 2018, 207, 1-12.	2.3	17
109	How autochthonous dissolved organic matter responds to eutrophication and climate warming: Evidence from a cross-continental data analysis and experiments. <i>Earth-Science Reviews</i> , 2018, 185, 928-937.	9.1	98
110	Degradation of leachate from a semi-anaerobic aged refuse biofilter by the ZVI/H ₂ O ₂ process coupled with microwave irradiation: optimization, organics transformation, and reaction mechanisms. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1695-1709.	2.4	11
111	Ozone and chlorine reactions with dissolved organic matter - Assessment of oxidant-reactive moieties by optical measurements and the electron donating capacities. <i>Water Research</i> , 2018, 144, 64-75.	11.3	67
112	Optimization of sensing performance in an integrated dual sensors system combining microbial fuel cells and upflow anaerobic sludge bed reactor. <i>Chemosphere</i> , 2018, 210, 931-940.	8.2	31

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113	Formation of Chromophoric Dissolved Organic Matter by Bacterial Degradation of Phytoplankton-Derived Aggregates. <i>Frontiers in Marine Science</i> , 2018, 4, .	2.5	67
114	Differences in fluorescence characteristics and bioavailability of water-soluble organic matter (WSOM) in sediments and suspended solids in Lihu Lake, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 12648-12662.	5.3	15
115	Phototransformation of 2,3-Dibromopropyl-2,4,6-tribromophenyl ether (DPTE) in Natural Waters: Important Roles of Dissolved Organic Matter and Chloride Ion. <i>Environmental Science & Technology</i> , 2018, 52, 10490-10499.	10.0	73
116	Accumulation of Terrestrial Dissolved Organic Matter Potentially Enhances Dissolved Methane Levels in Eutrophic Lake Taihu, China. <i>Environmental Science & Technology</i> , 2018, 52, 10297-10306.	10.0	76
117	Drivers of Dissolved Organic Matter in the Vent and Major Conduits of the World's Largest Freshwater Spring. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2775-2790.	3.0	20
118	Insight into removal of dissolved organic matter in post pharmaceutical wastewater by coagulation-UV/H ₂ O ₂ . <i>Journal of Environmental Sciences</i> , 2019, 76, 329-338.	6.1	24
119	Characterizing dissolved organic matter in eroded sediments from a loess hilly catchment using fluorescence EEM-PARAFAC and UV-Vis absorption: Insights from source identification and carbon cycling. <i>Geoderma</i> , 2019, 334, 37-48.	5.1	97
120	Characterization of aquatic organic matter: Assessment, perspectives and research priorities. <i>Water Research</i> , 2019, 163, 114908.	11.3	78
121	Assessment of Anthropogenic and Natural Factors on Cheliff River Waters (North-West of Algeria) at Two Contrasted Climatic Seasons. <i>International Journal of Environmental Research</i> , 2019, 13, 925-941.	2.3	3
122	Variability in Dissolved Organic Matter Composition and Biolability across Gradients of Glacial Coverage and Distance from Glacial Terminus on the Tibetan Plateau. <i>Environmental Science & Technology</i> , 2019, 53, 12207-12217.	10.0	37
123	Autochthonous dissolved organic matter potentially fuels methane ebullition from experimental lakes. <i>Water Research</i> , 2019, 166, 115048.	11.3	48
124	Eco-friendly Organic Nanotubes Encapsulating Alkaline Phosphatase and Ecotoxicology of Nanotubes to Natural Bacterial Assemblages in Coastal Estuarine Waters. <i>ACS Omega</i> , 2019, 4, 2196-2205.	3.5	2
125	Response of chromophoric dissolved organic matter dynamics to tidal oscillations and anthropogenic disturbances in a large subtropical estuary. <i>Science of the Total Environment</i> , 2019, 662, 769-778.	8.0	29
126	Photochemical release of dissolved organic matter from particulate organic matter: Spectroscopic characteristics and disinfection by-product formation potential. <i>Chemosphere</i> , 2019, 235, 586-595.	8.2	30
127	Variation in spectral characteristics of dissolved organic matter in inland rivers in various trophic states, and their relationship with phytoplankton. <i>Ecological Indicators</i> , 2019, 104, 321-332.	6.3	37
128	Synergistic effects of urban tributary mixing on dissolved organic matter biodegradation in an impounded river system. <i>Science of the Total Environment</i> , 2019, 676, 105-119.	8.0	25
129	Sediment alkaline-extracted organic matter (AEOM) fluorescence: An archive of Holocene marine organic matter origins. <i>Science of the Total Environment</i> , 2019, 676, 298-304.	8.0	4
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132	Extreme weather events modulate processing and export of dissolved organic carbon in the Neuse River Estuary, NC. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 219, 189-200.	2.1	23
133	Lingering Carbon Cycle Effects of Hurricane Matthew in North Carolina's Coastal Waters. <i>Geophysical Research Letters</i> , 2019, 46, 2654-2661.	4.0	41
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136	Unraveling the sources and fluorescence compositions of dissolved and particulate organic matter (DOM and POM) in Lake Taihu, China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 4027-4040.	5.3	23
137	Understanding Organic Nonpoint-Source Pollution in Watersheds via Pollutant Indicators, Disinfection By-Product Precursor Predictors, and Composition of Dissolved Organic Matter. <i>Journal of Environmental Quality</i> , 2019, 48, 102-116.	2.0	7
138	Investigating spectroscopic and copper-binding characteristics of organic matter derived from sediments and suspended particles using EEM-PARAFAC combined with two-dimensional fluorescence/FTIR correlation analyses. <i>Chemosphere</i> , 2019, 219, 45-53.	8.2	53
139	Formation of planktonic chromophoric dissolved organic matter in the ocean. <i>Marine Chemistry</i> , 2019, 209, 1-13.	2.3	25
140	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.	8.2	22
141	New insights into the variation of dissolved organic matter components in different latitudinal lakes of northeast China. <i>Limnology and Oceanography</i> , 2020, 65, 471-481.	3.1	23
142	Spatial patterns in dissolved organic matter composition controlled by watershed characteristics in a coastal river network: The Neuse River Basin, USA. <i>Water Research</i> , 2020, 169, 115248.	11.3	35
143	Spectroscopic and molecular-level characteristics of dissolved organic matter in the Pearl River Estuary, South China. <i>Science of the Total Environment</i> , 2020, 710, 136307.	8.0	42
144	Effect of a nanofiltration combined process on the treatment of high-hardness and micropolluted water. <i>Environmental Research</i> , 2020, 182, 109063.	7.5	31
145	Variations in Colloidal DOM Composition with Molecular Weight within Individual Water Samples as Characterized by Flow Field-Flow Fractionation and EEM-PARAFAC Analysis. <i>Environmental Science & Technology</i> , 2020, 54, 1657-1667.	10.0	100
146	Application of parallel factor analysis model to decompose excitation-emission matrix fluorescence spectra for characterizing sources of water-soluble brown carbon in PM _{2.5} . <i>Atmospheric Environment</i> , 2020, 223, 117192.	4.1	22
147	Enhancing the total organic carbon measurement efficiency for water samples containing suspended solids using alkaline and ultrasonic pretreatment methods. <i>Journal of Environmental Sciences</i> , 2020, 90, 20-28.	6.1	11
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#	ARTICLE	IF	CITATIONS
304	Applying synchronous fluorescence with Gaussian band fitting and MW-2DCOS to assess removals of DOM in acrylic fiber wastewater treatment process. <i>Journal of Environmental Chemical Engineering</i> , 2024, 12, 112250.	6.7	0
305	Characteristics of Dissolved Organic Matter in Uranium Hosting Aquifers and Potential Molecular Transformation During Neutral In Situ Leaching. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2024, 129, .	3.0	0
306	Characterization and function of particulate organic matter: Evidence from lakes undergoing ecological restoration. <i>Journal of Environmental Sciences</i> , 0, 150, 91-103.	6.1	0