

# Dissolved organic carbon and chromophoric dissolved rivers in the USA

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dissolved organic matter composition of winter flow in the Yukon River basin: Implications of permafrost thaw and increased groundwater discharge. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	78
2	The influence of reservoirs, climate, land use and hydrologic conditions on loads and chemical quality of dissolved organic carbon in the Colorado River. <i>Water Resources Research</i> , 2012, 48, .	1.7	27
3	Chromophoric dissolved organic matter and microbial enzymatic activity. A biophysical approach to understand the marine carbon cycle. <i>Biophysical Chemistry</i> , 2013, 182, 79-85.	1.5	27
4	Chromophoric dissolved organic matter in the estuaries of populated and mountainous Taiwan. <i>Marine Chemistry</i> , 2013, 157, 12-23.	0.9	46
5	Controls on dissolved organic carbon quantity and chemical character in temperate rivers of North America. <i>Global Biogeochemical Cycles</i> , 2013, 27, 492-504.	1.9	45
6	DOM composition in an agricultural watershed: Assessing patterns and variability in the context of spatial scales. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 121, 599-610.	1.6	23
7	Water masses, mixing, and the flow of dissolved organic carbon through the Irish Sea. <i>Continental Shelf Research</i> , 2013, 58, 12-20.	0.9	8
8	A connection to deep groundwater alters ecosystem carbon fluxes and budgets: Example from a Costa Rican rainforest. <i>Geophysical Research Letters</i> , 2013, 40, 2066-2070.	1.5	34
9	Review of profiling oceanographic lidar. <i>Optical Engineering</i> , 2013, 53, 051405.	0.5	129
10	Inorganic carbon speciation and fluxes in the Congo River. <i>Geophysical Research Letters</i> , 2013, 40, 511-516.	1.5	75
11	Chromophoric dissolved organic matter export from U.S. rivers. <i>Geophysical Research Letters</i> , 2013, 40, 1575-1579.	1.5	94
12	Spatiotemporal characterization of dissolved carbon for inland waters in semi-humid/semi-arid region, China. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 4269-4281.	1.9	65
13	Photobleaching as a factor controlling spectral characteristics of chromophoric dissolved organic matter in open ocean. <i>Biogeosciences</i> , 2013, 10, 7207-7217.	1.3	68
14	Dissolved Organic Matter in Aquatic Systems. , 2014, , 205-220.		12
15	Applying Spectral Unmixing to Determine Surface Water Parameters in a Mining Environment. <i>Remote Sensing</i> , 2014, 6, 11204-11224.	1.8	8
16	Using dissolved organic matter age and composition to detect permafrost thaw in boreal watersheds of interior Alaska. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 2155-2170.	1.3	35
17	Paradigm shifts in soil organic matter research affect interpretations of aquatic carbon cycling: transcending disciplinary and ecosystem boundaries. <i>Biogeochemistry</i> , 2014, 117, 279-297.	1.7	196
18	Environmental tracers and indicators bringing together groundwater, surface water and groundwater-dependent ecosystems: importance of scale in choosing relevant tools. <i>Environmental Earth Sciences</i> , 2014, 72, 813-827.	1.3	46

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19	Evidence for key enzymatic controls on metabolism of Arctic river organic matter. <i>Global Change Biology</i> , 2014, 20, 1089-1100.	4.2	70
20	Structural characterization of dissolved organic matter: a review of current techniques for isolation and analysis. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 2064-2079.	1.7	208
21	Deepwater Horizon Oil in Gulf of Mexico Waters after 2 Years: Transformation into the Dissolved Organic Matter Pool. <i>Environmental Science &amp; Technology</i> , 2014, 48, 9288-9297.	4.6	65
22	The biogeochemistry of carbon across a gradient of streams and rivers within the Congo Basin. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 687-702.	1.3	54
23	Algorithm development and validation of CDOM properties for estuarine and continental shelf waters along the northeastern U.S. coast. <i>Remote Sensing of Environment</i> , 2014, 152, 576-602.	4.6	92
24	Effects of Iron on Optical Properties of Dissolved Organic Matter. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10098-10106.	4.6	231
25	Spatial distribution of mercury in southeastern Alaskan streams influenced by glaciers, wetlands, and salmon. <i>Environmental Pollution</i> , 2014, 184, 62-72.	3.7	28
26	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
27	Influences of glacier melt and permafrost thaw on the age of dissolved organic carbon in the Yukon River basin. <i>Global Biogeochemical Cycles</i> , 2014, 28, 525-537.	1.9	70
28	Controls on mixing-dependent denitrification in hyporheic zones induced by riverbed dunes: A steady state modeling study. <i>Water Resources Research</i> , 2014, 50, 9048-9066.	1.7	37
29	Rapid solid phase extraction of dissolved organic matter. <i>Limnology and Oceanography: Methods</i> , 2014, 12, 713-728.	1.0	30
30	Abundance, stable isotopic composition, and export fluxes of DOC, POC, and DIC from the Lower Mississippi River during 2006-2008. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2273-2288.	1.3	74
31	Assessing the potential impacts of declining Arctic sea ice cover on the photochemical degradation of dissolved organic matter in the Chukchi and Beaufort Seas. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2326-2344.	1.3	17
32	Positive priming of terrestrially derived dissolved organic matter in a freshwater microcosm system. <i>Geophysical Research Letters</i> , 2015, 42, 5460-5467.	1.5	100
33	Anthropogenic and climatic influences on carbon fluxes from eastern North America to the Atlantic Ocean: A process-based modeling study. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 757-772.	1.3	87
34	Chemical composition of dissolved organic matter from various sources as characterized by solid-state NMR. <i>Aquatic Sciences</i> , 2015, 77, 595-607.	0.6	7
35	Removal of terrestrial DOC in aquatic ecosystems of a temperate river network. <i>Geophysical Research Letters</i> , 2015, 42, 6671-6679.	1.5	61
36	Seasonal hydrology drives rapid shifts in the flux and composition of dissolved and particulate organic carbon and major and trace ions in the Fraser River, Canada. <i>Biogeosciences</i> , 2015, 12, 5597-5618.	1.3	24

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37	Origins and bioavailability of dissolved organic matter in groundwater. <i>Biogeochemistry</i> , 2015, 122, 61-78.	1.7	176
38	Remote Sensing for Regional Lake Water Quality Assessment: Capabilities and Limitations of Current and Upcoming Satellite Systems. <i>Handbook of Environmental Chemistry</i> , 2015, , 111-140.	0.2	21
39	Diel cycles in the fluorescence of dissolved organic matter in dystrophic Wisconsin seepage lakes: Implications for carbon turnover. <i>Limnology and Oceanography</i> , 2015, 60, 482-496.	1.6	22
40	Landscape Control on the Spatial and Temporal Variability of Chromophoric Dissolved Organic Matter and Dissolved Organic Carbon in Large African Rivers. <i>Ecosystems</i> , 2015, 18, 1224-1239.	1.6	57
41	Effect of photodegradation on molecular size distribution and quality of dissolved black carbon. <i>Organic Geochemistry</i> , 2015, 86, 1-4.	0.9	52
42	The river as a chemostat: fresh perspectives on dissolved organic matter flowing down the river continuum. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 1272-1285.	0.7	242
43	Contrasting biogeochemical characteristics of the Oubangui River and tributaries (Congo River) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50	1.6	46
44	Climate-driven terrestrial inputs in ultraoligotrophic mountain streams of Andean Patagonia revealed through chromophoric and fluorescent dissolved organic matter. <i>Science of the Total Environment</i> , 2015, 521-522, 280-292.	3.9	44
45	CDOM-DOC relationship in contrasted coastal waters: implication for DOC retrieval from ocean color remote sensing observation. <i>Optics Express</i> , 2015, 23, 33.	1.7	83
46	Ancient low-molecular-weight organic acids in permafrost fuel rapid carbon dioxide production upon thaw. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13946-13951.	3.3	201
47	Dissolved organic matter in Lake Superior: insights into the effects of extraction methods on chemical composition. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1829-1840.	1.7	25
48	Factors affecting the measurement of CDOM by remote sensing of optically complex inland waters. <i>Remote Sensing of Environment</i> , 2015, 157, 199-215.	4.6	190
49	Spectral characterization of colored dissolved organic matter for productive inland waters and its source analysis. <i>Chinese Geographical Science</i> , 2015, 25, 295-308.	1.2	12
50	Spatiotemporal Characterization of Chromophoric Dissolved Organic Matter (CDOM) and CDOM-DOC Relationships for Highly Polluted Rivers. <i>Water (Switzerland)</i> , 2016, 8, 399.	1.2	27
51	Influence of environmental factors on spectral characteristics of chromophoric dissolved organic matter (CDOM) in Inner Mongolia Plateau, China. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 787-801.	1.9	57
52	Pan-Arctic Trends in Terrestrial Dissolved Organic Matter from Optical Measurements. <i>Frontiers in Earth Science</i> , 2016, 4, .	0.8	104
53	Optical Proxies for Terrestrial Dissolved Organic Matter in Estuaries and Coastal Waters. <i>Frontiers in Marine Science</i> , 0, 2, .	1.2	114
54	Sources and Transformations of Dissolved Lignin Phenols and Chromophoric Dissolved Organic Matter in Otsuchi Bay, Japan. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	28

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55	Dissolved organic carbon fluxes in the Middle Atlantic Bight: An integrated approach based on satellite data and ocean model products. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 312-336.	1.3	32
56	Optical properties of dissolved organic matter (DOM): Effects of biological and photolytic degradation. <i>Limnology and Oceanography</i> , 2016, 61, 1015-1032.	1.6	622
57	Spatiotemporal patterns in the export of dissolved organic carbon and chromophoric dissolved organic matter from a coastal, blackwater river. <i>Aquatic Sciences</i> , 2016, 78, 823-836.	0.6	12
58	Atmospheric inputs of organic matter to a forested watershed: Variations from storm to storm over the seasons. <i>Atmospheric Environment</i> , 2016, 147, 284-295.	1.9	11
59	Assessing the drivers of dissolved organic matter export from two contrasting lowland catchments, U.K. <i>Science of the Total Environment</i> , 2016, 569-570, 1330-1340.	3.9	30
60	DOM composition and transformation in boreal forest soils: The effects of temperature and organicâ€‘horizon decomposition state. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2727-2744.	1.3	77
61	Microtidal subterranean estuaries as a source of fresh terrestrial dissolved organic matter to the coastal ocean. <i>Marine Chemistry</i> , 2016, 186, 46-57.	0.9	32
62	Impact of seasonality and anthropogenic impoundments on dissolved organic matter dynamics in the Klamath River (Oregon/California, USA). <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1946-1958.	1.3	20
63	Estimating dissolved organic carbon concentration in turbid coastal waters using optical remote sensing observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 149-154.	1.4	15
64	Seasonal Variations of CDOM Optical Properties in Rivers Across the Liaohe Delta. <i>Wetlands</i> , 2016, 36, 181-192.	0.7	21
65	The new Landsat 8 potential for remote sensing of colored dissolved organic matter (CDOM). <i>Marine Pollution Bulletin</i> , 2016, 107, 518-527.	2.3	73
66	High-Resolution Remote Sensing of Water Quality in the San Francisco Bayâ€‘Delta Estuary. <i>Environmental Science &amp; Technology</i> , 2016, 50, 573-583.	4.6	90
67	Retrieval of CDOM and DOC Using In Situ Hyperspectral Data: A Case Study for Potable Waters in Northeast China. <i>Journal of the Indian Society of Remote Sensing</i> , 2016, 44, 77-89.	1.2	8
68	Light absorption properties of the New York/New Jersey Harbor Estuary. <i>Hydrobiologia</i> , 2016, 766, 173-188.	1.0	0
69	New insights into the source of decadal increase in chemical oxygen demand associated with dissolved organic carbon in Dianchi Lake. <i>Science of the Total Environment</i> , 2017, 603-604, 699-708.	3.9	34
70	Export of terrigenous dissolved organic matter in a broad continental shelf. <i>Limnology and Oceanography</i> , 2017, 62, 1718-1731.	1.6	36
71	Chemical and photophysiological impact of terrestriallyâ€‘derived dissolved organic matter on nitrate uptake in the coastal western Arctic. <i>Limnology and Oceanography</i> , 2017, 62, 1881-1894.	1.6	12
72	Quantifying tropical peatland dissolved organic carbon (DOC) using UV-visible spectroscopy. <i>Water Research</i> , 2017, 115, 229-235.	5.3	35

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73	Low photolability of yedoma permafrost dissolved organic carbon. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 200-211.	1.3	52
74	Effects of Sulfide Concentration and Dissolved Organic Matter Characteristics on the Structure of Nanocolloidal Metacinnabar. <i>Environmental Science &amp; Technology</i> , 2017, 51, 13133-13142.	4.6	50
75	Spatial patterns of DOC concentration and DOM optical properties in a Brazilian tropical river-wetland system. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1883-1902.	1.3	33
76	Temporal Dynamics in the Concentration, Flux, and Optical Properties of Tree-Derived Dissolved Organic Matter in an Epiphyte-Laden Oak-Cedar Forest. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2982-2997.	1.3	32
77	Tracing high time-resolution fluctuations in dissolved organic carbon using satellite and buoy observations: Case study in Lake Taihu, China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 62, 174-182.	1.4	9
78	Influence of environmental factors on absorption characteristics of suspended particulate matter and CDOM in Liaohe River watershed, northeast China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19322-19337.	2.7	9
79	Correlations between aromaticity of dissolved organic matter and trace metal concentrations in natural and effluent waters: A case study in the Sagami River Basin, Japan. <i>Science of the Total Environment</i> , 2017, 576, 36-45.	3.9	88
80	Characterization of CDOM of river waters in China using fluorescence excitation-emission matrix and regional integration techniques. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1940-1953.	1.3	35
81	An Analysis of Terrestrial and Aquatic Environmental Controls of Riverine Dissolved Organic Carbon in the Conterminous United States. <i>Water (Switzerland)</i> , 2017, 9, 383.	1.2	19
82	In Situ and Satellite Observation of CDOM and Chlorophyll-a Dynamics in Small Water Surface Reservoirs in the Brazilian Semiarid Region. <i>Water (Switzerland)</i> , 2017, 9, 913.	1.2	22
83	A systematic examination of the relationships between CDOM and DOC in inland waters in China. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 5127-5141.	1.9	28
84	Molecular and Optical Properties of Tree-Derived Dissolved Organic Matter in Throughfall and Stemflow from Live Oaks and Eastern Red Cedar. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	48
85	A Multi-season Investigation of Microbial Extracellular Enzyme Activities in Two Temperate Coastal North Carolina Rivers: Evidence of Spatial but Not Seasonal Patterns. <i>Frontiers in Microbiology</i> , 2017, 8, 2589.	1.5	8
86	A global hotspot for dissolved organic carbon in hypermaritime watersheds of coastal British Columbia. <i>Biogeosciences</i> , 2017, 14, 3743-3762.	1.3	35
87	Flux and Seasonality of Dissolved Organic Matter From the Northern Dvina (Severnaya Dvina) River, Russia. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1041-1056.	1.3	33
88	Dissolved organic matter characteristics along sabo dammed streams based on ultraviolet visible and fluorescence spectral properties. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 146.	1.3	11
89	Unifying Concepts Linking Dissolved Organic Matter Composition to Persistence in Aquatic Ecosystems. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2538-2548.	4.6	204
90	Regional Groundwater and Storms Are Hydrologic Controls on the Quality and Export of Dissolved Organic Matter in Two Tropical Rainforest Streams, Costa Rica. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 850-866.	1.3	32

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91	Fractionation of Dissolved Organic Matter by Co-Precipitation with Iron: Effects of Composition. <i>Environmental Processes</i> , 2018, 5, 5-21.	1.7	30
92	Comparison of the Chemical Composition of Dissolved Organic Matter in Three Lakes in Minnesota. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1747-1755.	4.6	24
93	Treeâ€œDOM: Dissolved organic matter in throughfall and stemflow. <i>Limnology and Oceanography Letters</i> , 2018, 3, 199-214.	1.6	56
94	Contribution of humic substances to dissolved organic matter optical properties and iron mobilization. <i>Aquatic Sciences</i> , 2018, 80, 1.	0.6	22
95	Examining Natural Attenuation and Acute Toxicity of Petroleum-Derived Dissolved Organic Matter with Optical Spectroscopy. <i>Environmental Science &amp; Technology</i> , 2018, 52, 6157-6166.	4.6	73
96	Influences of the alternation of wet-dry periods on the variability of chromophoric dissolved organic matter in the water level fluctuation zone of the Three Gorges Reservoir area, China. <i>Science of the Total Environment</i> , 2018, 636, 249-259.	3.9	62
97	Characterization of CDOM absorption of reservoirs with its linkage of regions and ages across China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16009-16023.	2.7	10
98	Differences in the distribution and optical properties of DOM between fresh and saline lakes in a semi-arid area of Northern China. <i>Aquatic Sciences</i> , 2018, 80, 1.	0.6	26
99	Remote sensing estimation of carbon fractions in the Chinese Yellow River estuary. <i>Marine Georesources and Geotechnology</i> , 2018, 36, 202-210.	1.2	4
100	Remote sensing retrievals of colored dissolved organic matter and dissolved organic carbon dynamics in North American estuaries and their margins. <i>Remote Sensing of Environment</i> , 2018, 205, 151-165.	4.6	100
101	Molecular characterization of macrophyte-derived dissolved organic matters and their implications for lakes. <i>Science of the Total Environment</i> , 2018, 616-617, 602-613.	3.9	15
102	Occurrence of Î± , Î² -dicarboxylic acids and Î³-oxoacids in surface waters of the Rhone River and fluxes into the Mediterranean Sea. <i>Progress in Oceanography</i> , 2018, 163, 136-146.	1.5	9
103	Diel fluctuations of viscosity-driven riparian inflow affect streamflow DOC concentration. <i>Biogeosciences</i> , 2018, 15, 2177-2188.	1.3	10
104	Characteristics of chromophoric and fluorescent dissolved organic matter in the Nordic Seas. <i>Ocean Science</i> , 2018, 14, 543-562.	1.3	32
105	Evaluation of CDOM sources and their links with antibiotics in the rivers dividing China and North Korea using fluorescence spectroscopy. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27545-27560.	2.7	2
106	Remote sensing of CDOM absorption slope ( $S_{275}^{\lambda=295}$ ) from satellite observations on the West Florida Shelf. <i>Continental Shelf Research</i> , 2018, 171, 42-51.	0.9	4
107	Terrestrial humic-like fluorescence peak of chromophoric dissolved organic matter as a new potential indicator tracing the antibiotics in typical polluted watershed. <i>Journal of Environmental Management</i> , 2018, 228, 65-76.	3.8	26
108	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.	4.0	98



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109	Tale of Two Storms: Impact of Extreme Rain Events on the Biogeochemistry of Lake Superior. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1719-1731.	1.3	20
110	Carbon biogeochemistry of a flooded Pantanal forest over three annual flood cycles. <i>Biogeochemistry</i> , 2018, 139, 1-18.	1.7	19
111	Dissolved carbon in a large variety of lakes across five limnetic regions in China. <i>Journal of Hydrology</i> , 2018, 563, 143-154.	2.3	41
112	The sources and distribution of carbon (DOC, POC, DIC) in a mangrove dominated estuary (French) Tj ETQq1 1 0.784314 rgBT/Overlo	1.7	43
113	Relationship changes between CDOM and DOC in the Songhua River affected by highly polluted tributary, Northeast China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 25371-25382.	2.7	13
114	Riverine dissolved organic carbon in Rukarara River Watershed, Rwanda. <i>Science of the Total Environment</i> , 2018, 643, 793-806.	3.9	7
115	Using CDOM optical properties for estimating DOC concentrations and pCO <sub>2</sub> in the Lower Amazon River. <i>Optics Express</i> , 2018, 26, A657.	1.7	35
116	Relationships Between DOC and CDOM Based on the Total Carbonâ€¢Specific Fluorescence Intensities for River Waters Across China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2353-2361.	1.3	9
117	Dissolved organic matter distribution and its association with colloidal aluminum and iron in the Selenga River Basin from Ulaanbaatar to Lake Baikal. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11948-11957.	2.7	10
118	Vicinal land use change strongly drives stream bacterial community in a tropical montane catchment. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	10
119	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.	1.3	20
120	Characterization of dissolved organic matter from biogas residue composting using spectroscopic techniques. <i>Waste Management</i> , 2018, 78, 301-309.	3.7	55
121	Optical models for remote sensing of chromophoric dissolved organic matter (CDOM) absorption in Poyang Lake. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 142, 124-136.	4.9	56
122	Rice-paddy field acts as a buffer system to decrease the terrestrial characteristics of dissolved organic matter exported from a typical small agricultural watershed in the Three Gorges Reservoir Area, China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23873-23885.	2.7	6
123	Dicarboxylic and Oxocarboxylic Acids in the Arctic Coastal Ocean (Beaufort Seaâ€¢Mackenzie Margin). <i>Global Biogeochemical Cycles</i> , 2019, 33, 927-940.	1.9	3
124	The chemical fingerprint of solubilized organic matter from eroded soils and sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 267, 92-112.	1.6	13
125	Linking biological toxicity and the spectral characteristics of contamination in seriously polluted urban rivers. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	10
126	Assessing inter-annual and seasonal patterns of DOC and DOM quality across a complex alpine watershed underlain by discontinuous permafrost in Yukon, Canada. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3571-3591.	1.9	21



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127	Convergence of Terrestrial Dissolved Organic Matter Composition and the Role of Microbial Buffering in Aquatic Ecosystems. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3125-3142.	1.3	16
128	Exploring the mechanisms of graphene oxide behavioral and morphological changes in zebrafish. <i>Environmental Science and Pollution Research</i> , 2019, 26, 30508-30523.	2.7	18
129	Characterization of chromophoric dissolved organic matter in lakes across the Tibet-Qinghai Plateau using spectroscopic analysis. <i>Journal of Hydrology</i> , 2019, 579, 124190.	2.3	19
130	Fluorescence Characteristics of Dissolved Organic Matter (DOM) in Percolation Water and Lateral Seepage Affected by Soil Solution (S-S) in a Lysimeter Test. <i>Sensors</i> , 2019, 19, 4016.	2.1	10
131	Organic matter quantity and quality across salinity gradients in conduit- vs. diffuse flow-dominated subterranean estuaries. <i>Limnology and Oceanography</i> , 2019, 64, 1386-1402.	1.6	15
132	Patterns and Drivers of UV Absorbing Chromophoric Dissolved Organic Matter in the Euphotic Layer of the Open Ocean. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	15
133	DOC Transport and Export in a Dynamic Tropical Catchment. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1665-1679.	1.3	15
134	Assessment of variations in dissolved organic matter in contrasting streams in the Pampas and Patagonian regions (Argentina). <i>Marine and Freshwater Research</i> , 2019, 70, 698.	0.7	8
135	Multi-decadal trends and influences on dissolved organic carbon distribution in the Barataria Basin, Louisiana from in-situ and Landsat/MODIS observations. <i>Remote Sensing of Environment</i> , 2019, 228, 183-202.	4.6	29
136	Changes in dissolved organic matter composition and dynamics in a subtropical mangrove river driven by rainfall. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 223, 6-17.	0.9	29
137	Chromophoric dissolved organic matter in summer in a coastal mariculture region of northern Shandong Peninsula, North Yellow Sea. <i>Continental Shelf Research</i> , 2019, 176, 19-35.	0.9	25
138	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.	3.9	25
139	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.	3.9	4
140	Variable relationships between the hydrophobic fraction of dissolved organic matter and metals in Scottish freshwater before the estuarine mixing zone. <i>Limnology</i> , 2019, 20, 215-224.	0.8	3
141	The optical characteristics and sources of chromophoric dissolved organic matter (CDOM) in seasonal snow of northwestern China. <i>Cryosphere</i> , 2019, 13, 157-175.	1.5	21
142	Human Adenovirus 40 Removal in Sidestream Membrane Bioreactor. <i>Journal of Environmental Engineering, ASCE</i> , 2019, 145, .	0.7	6
143	Evidence for conservative transport of dissolved organic carbon in major river basins in the Gulf of Maine Watershed. <i>Journal of Hydrology</i> , 2019, 573, 755-767.	2.3	4
144	Antecedent precipitation influences the bacterial processing of terrestrial dissolved organic matter in a North Carolina estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 221, 119-131.	0.9	20

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145	Manganese Increases Lead Release to Drinking Water. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4803-4812.	4.6	39
146	Dissolved carbon and CDOM in lake ice and underlying waters along a salinity gradient in shallow lakes of Northeast China. <i>Journal of Hydrology</i> , 2019, 571, 545-558.	2.3	27
147	Homogenization of dissolved organic matter within a river network occurs in the smallest headwaters. <i>Biogeochemistry</i> , 2019, 143, 85-104.	1.7	37
148	Quantifying DOC and Its Controlling Factors in Major Arctic Rivers during Ice-Free Conditions using Sentinel-2 Data. <i>Remote Sensing</i> , 2019, 11, 2904.	1.8	6
149	High-frequency measurements explain quantity and quality of dissolved organic carbon mobilization in a headwater catchment. <i>Biogeosciences</i> , 2019, 16, 4497-4516.	1.3	22
150	Characterizing colloidal metals in drinking water by field flow fractionation. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 2202-2209.	1.2	17
151	Sources, Transport, and Transformation of Dissolved Organic Matter in a Large River System: Illustrated by the Changjiang River, China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3881-3901.	1.3	34
152	Constraining dissolved organic matter sources and temporal variability in a model sub-Arctic lake. <i>Biogeochemistry</i> , 2019, 146, 271-292.	1.7	22
153	Dissolved black carbon in throughfall and stemflow in a fire-managed longleaf pine woodland. <i>Biogeochemistry</i> , 2019, 146, 191-207.	1.7	17
154	Application of a microbial fuel cell-based biosensor for the energy-saving operation of macrophyte residues bioreactor with low concentration of dissolved organic carbon in effluents. <i>Chemosphere</i> , 2019, 220, 1075-1082.	4.2	7
155	Characterisation of treated effluent from four commonly employed wastewater treatment facilities: A UK case study. <i>Journal of Environmental Management</i> , 2019, 232, 919-927.	3.8	19
156	Overlapping anthropogenic effects on hydrologic and seasonal trends in DOC in a surface water dependent water utility. <i>Water Research</i> , 2019, 148, 407-415.	5.3	6
157	Dissolved organic matter in urban forestland soil and its interactions with typical heavy metals: a case of Daxing District, Beijing. <i>Environmental Science and Pollution Research</i> , 2019, 26, 2960-2973.	2.7	25
158	Filterability of surface water from Tbilisi Sea: Preliminary assessment of ultrafiltration as a process alternative. <i>Separation Science and Technology</i> , 2020, 55, 1891-1896.	1.3	0
159	Land-use controls on carbon biogeochemistry in lowland streams of the Congo Basin. <i>Global Change Biology</i> , 2020, 26, 1374-1389.	4.2	30
160	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 &amp; Technology</i> , 2020, 54, 1657-1667.	4.6	100
161	Seasonal variation and ecological risk assessment of dissolved organic matter in a peri-urban critical zone observatory watershed. <i>Science of the Total Environment</i> , 2020, 707, 136093.	3.9	34
162	Fundamental drivers of dissolved organic matter composition across an Arctic effective precipitation gradient. <i>Limnology and Oceanography</i> , 2020, 65, 1217-1234.	1.6	36

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163	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
164	A Multi-Function Sensor for Eddy Correlation Measurements of Benthic Flux. <i>IEEE Sensors Journal</i> , 2020, 20, 1509-1526.	2.4	3
165	Effects of acidity on dissolved organic carbon in organic soil extracts, pore water and surface litters. <i>Science of the Total Environment</i> , 2020, 703, 135585.	3.9	8
166	A Decade of Annual Arctic DOC Export With Polar Surface Water in the East Greenland Current. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089686.	1.5	5
167	Nanoparticle size and natural organic matter composition determine aggregation behavior of polyvinylpyrrolidone coated platinum nanoparticles. <i>Environmental Science: Nano</i> , 2020, 7, 3318-3332.	2.2	11
168	<i>Posidonia oceanica</i> as a Source of Chromophoric Dissolved Organic Matter for the Oligotrophic NW Mediterranean Coast. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 911.	1.2	1
169	Spatiotemporal Dynamics of Dissolved Organic Carbon and Freshwater Browning in the Zoige Alpine Wetland, Northeastern Qinghai-Tibetan Plateau. <i>Water (Switzerland)</i> , 2020, 12, 2453.	1.2	8
170	Human impact on organic matter distribution in the Moskva River. <i>E3S Web of Conferences</i> , 2020, 163, 05013.	0.2	2
171	Linking Hydrology and Dissolved Organic Matter Characteristics in a Subtropical Wetland: A Long-Term Study of the Florida Everglades. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006648.	1.9	9
172	Insights into interactions of Cr(III) and organic matters during adsorption onto titanate nanotubes: Differential absorbance and DFT study. <i>Journal of Molecular Liquids</i> , 2020, 312, 113432.	2.3	13
173	Dissolved Organic Matter of Formation Waters of Oil Deposits in Tomsk Region. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 459, 032066.	0.2	0
174	A national-scale data set for dissolved carbon and its spatial pattern in lakes and reservoirs across China. <i>Scientific Data</i> , 2020, 7, 82.	2.4	12
175	Are nitrous oxide emissions indirectly fueled by input of terrestrial dissolved organic nitrogen in a large eutrophic Lake Taihu, China?. <i>Science of the Total Environment</i> , 2020, 722, 138005.	3.9	11
176	Assessing the Dynamics of Dissolved Organic Matter (DOM) in the Coastal Environments Dominated by Mangroves, Indian Sundarbans. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	18
177	Photochemically Induced Changes of Dissolved Organic Matter in a Humic-Rich and Forested Stream. <i>Water (Switzerland)</i> , 2020, 12, 331.	1.2	30
178	Hydrologic connectivity determines dissolved organic matter biogeochemistry in northern high-latitude lakes. <i>Limnology and Oceanography</i> , 2020, 65, 1764-1780.	1.6	37
179	Effects of land use on the characteristics and composition of fluvial chromophoric dissolved organic matter (CDOM) in the Yiluo River watershed, China. <i>Ecological Indicators</i> , 2020, 114, 106332.	2.6	20
180	Emerging investigator series: critical review of photophysical models for the optical and photochemical properties of dissolved organic matter. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1139-1165.	1.7	35

#	ARTICLE	IF	CITATIONS
181	Comment on "Spatiotemporal variations of DOM components in the Kushiro River impacted by a wetland" by Shafiquzzaman et al. 2020. Environmental Science and Pollution Research, 2021, 28, 4887-4888.	2.7	2
182	Hydrocarbons to carboxyl-rich alicyclic molecules: A continuum model to describe biodegradation of petroleum-derived dissolved organic matter in contaminated groundwater plumes. Journal of Hazardous Materials, 2021, 402, 123998.	6.5	31
183	Chromophoric dissolved organic matter in inland waters: Present knowledge and future challenges. Science of the Total Environment, 2021, 759, 143550.	3.9	79
184	Thermodynamic mathematical model of the Kastanozem complex and new principles of sustainable semiarid protective silviculture management. Environmental Research, 2021, 194, 110605.	3.7	17
185	Photodegradation of autochthonous and allochthonous dissolved organic matter in a natural tropical lake. Limnologia, 2021, 87, 125846.	0.7	8
186	Seasonal variations in the optical characteristics of dissolved organic matter in glacial pond water. Science of the Total Environment, 2021, 759, 143464.	3.9	8
187	Detrital Energy and the Decomposition of Organic Matter. , 2021, , 177-224.		0
188	Optical Absorption Characteristics, Spatial Distribution, and Source Analysis of Colored Dissolved Organic Matter in Wetland Water around Poyang Lake. Water (Switzerland), 2021, 13, 274.	1.2	4
189	Dissolved organic matter in large lakes: a key but understudied component of the carbon cycle. Biogeochemistry, 2023, 164, 295-318.	1.7	13
190	Terrestrial Inputs Shape Coastal Bacterial and Archaeal Communities in a High Arctic Fjord (Isfjorden,) Tj ETQq1 1 0,784314 rgBT /Ovele	1.5	25
191	Export of photolabile and photoprivable dissolved organic carbon from the Connecticut River. Aquatic Sciences, 2021, 83, 1.	0.6	4
192	Molecular Signatures of Glacial Dissolved Organic Matter From Svalbard and Greenland. Global Biogeochemical Cycles, 2021, 35, e2020GB006709.	1.9	17
193	Diverging pond dissolved organic matter characteristics yield similar CO <sub>2</sub> flux potentials in a disturbed High Arctic landscape. Environmental Research Letters, 2021, 16, 044016.	2.2	3
194	Status and needs for online control of tertiary ozone-based water treatment: use of surrogate correlation models for removal of trace organic contaminants. Reviews in Environmental Science and Biotechnology, 2021, 20, 297.	3.9	2
195	Characterizing Dissolved Organic Matter Across a Riparian Soil-Water Interface: Preliminary Insights from a Molecular Level Perspective. ACS Earth and Space Chemistry, 2021, 5, 1102-1113.	1.2	14
196	The Pulse of the Amazon: Fluxes of Dissolved Organic Carbon, Nutrients, and Ions From the World's Largest River. Global Biogeochemical Cycles, 2021, 35, e2020GB006895.	1.9	16
197	Urban green infrastructure features influence the type and chemical composition of soil dissolved organic matter. Science of the Total Environment, 2021, 764, 144240.	3.9	18
198	Remote sensing of CDOM and DOC in alpine lakes across the Qinghai-Tibet Plateau using Sentinel-2A imagery data. Journal of Environmental Management, 2021, 286, 112231.	3.8	24

#	ARTICLE	IF	CITATIONS
199	New Insights into the Seasonal Variation of DOM Quality of a Humic-Rich Drinking-Water Reservoirâ€”Coupling 2D-Fluorescence and FTICR MS Measurements. <i>Water (Switzerland)</i> , 2021, 13, 1703.	1.2	7
200	Chemodiversity of water-extractable organic matter in sediment columns of a polluted urban river in South China. <i>Science of the Total Environment</i> , 2021, 777, 146127.	3.9	32
201	Characteristics of dissolved organic carbon and nitrogen in precipitation in the northern Tibetan Plateau. <i>Science of the Total Environment</i> , 2021, 776, 145911.	3.9	8
202	Composition Wheels: Visualizing dissolved organic matter using common composition metrics across a variety of Canadian ecozones. <i>PLoS ONE</i> , 2021, 16, e0253972.	1.1	4
203	Sources and compositional characterization of chromophoric dissolved organic matter in a Hainan tropical mangrove-estuary. <i>Journal of Hydrology</i> , 2021, 600, 126572.	2.3	12
204	Estimation of the biogeochemical reactivities of dissolved organic matter from modified biochars using color. <i>Science of the Total Environment</i> , 2021, 790, 147974.	3.9	9
205	Natural and anthropogenic impacts on the DOC characteristics in the Yellow River continuum. <i>Environmental Pollution</i> , 2021, 287, 117231.	3.7	23
206	Throughfall and Stemflow: The Crowning Headwaters of the Aquatic Carbon Cycle. , 2020, , 121-132.		8
207	Predicted Effects of Climate Change on Northern Gulf of Mexico Hypoxia. , 2017, , 173-214.		17
208	Transport and transformation of dissolved organic matter in the Neuse River estuarine system, NC, USA, following Hurricane Irene (2011). <i>Marine and Freshwater Research</i> , 2016, 67, 1313.	0.7	7
209	Optical Properties of Chromophoric Dissolved Organic Matter in the Yinma River Watershed and Drinking Water Resource of Northeast China. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 1061-1073.	0.6	4
210	Absorption characteristics of particulates and CDOM in spring in the Lake Xinghai. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2015, 27, 941-952.	0.3	2
215	The impacts of intensive scallop farming on dissolved organic matter in the coastal waters adjacent to the Yangma Island, North Yellow Sea. <i>Science of the Total Environment</i> , 2022, 807, 150989.	3.9	10
216	Binding strength of mercury (II) to different dissolved organic matter: The roles of DOM properties and sources. <i>Science of the Total Environment</i> , 2022, 807, 150979.	3.9	30
217	Feasibility of source identification by DOM fingerprinting in marine pollution events. <i>Marine Pollution Bulletin</i> , 2021, 173, 113060.	2.3	9
218	Chapter 6. Excitationâ€”Emission Matrices of Fluorescence â€” EEMF â€” for the Characterization of Organic Matter of Surface Waters. <i>Comprehensive Series in Photochemical and Photobiological Sciences</i> , 2015, , 97-115.	0.3	0
220	Summer absorption characteristics, spatial distribution and source analysis of CDOM in Zhoucun Reservoir in Huaihe Catchment. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2017, 29, 151-159.	0.3	0
221	Impacts of cyanobacterial blooms outbreak and decline on chromophoric dissolved organic matter in Lake Taihu. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2018, 30, 907-915.	0.3	1

#	ARTICLE	IF	CITATIONS
223	Assessing inputs of aquaculture-derived nutrients to streams using dissolved organic matter fluorescence. <i>Science of the Total Environment</i> , 2022, 807, 150785.	3.9	7
224	Geochemical Controls on Release and Speciation of Fe(II) and Mn(II) From Hyporheic Sediments of East River, Colorado. <i>Frontiers in Water</i> , 2020, 2, .	1.0	7
225	Zooplankton release complex dissolved organic matter to aquatic environments. <i>Biogeochemistry</i> , 2022, 157, 313-325.	1.7	5
226	Use of Ore-Derived Humic Acids With Diverse Chemistries to Elucidate Structure-Activity Relationships (SAR) of Humic Acids in Plant Phenotypic Expression. <i>Frontiers in Plant Science</i> , 2021, 12, 758424.	1.7	5
227	Riparian Cottonwood Trees and Adjacent River Sediments Have Different Microbial Communities and Produce Methane With Contrasting Carbon Isotope Compositions. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	4
228	Integrating remote sensing of hydrological processes and dissolved organic carbon fluxes in long-term Lake Studies. <i>Journal of Hydrology</i> , 2022, 605, 127331.	2.3	4
229	Groundwater-surface water interactions and flux of organic matter and nutrients in an urban, Mediterranean stream. <i>Science of the Total Environment</i> , 2022, 811, 152379.	3.9	9
230	Simultaneous retrieval of selected optical water quality indicators from Landsat-8, Sentinel-2, and Sentinel-3. <i>Remote Sensing of Environment</i> , 2022, 270, 112860.	4.6	73
231	Land-use type temporarily affects active pond community structure but not gene expression patterns. <i>Molecular Ecology</i> , 2022, 31, 1716-1734.	2.0	5
232	Correlative distribution of DOM and heavy metals in the soils of the Zhangxi watershed in Ningbo city, East of China. <i>Environmental Pollution</i> , 2022, 299, 118811.	3.7	25
233	High-resolution characteristics and mechanisms of endogenous phosphorus migration and transformation impacted by algal blooms decomposition. <i>Science of the Total Environment</i> , 2022, 820, 152907.	3.9	14
234	Age and chemistry of dissolved organic carbon reveal enhanced leaching of ancient labile carbon at the permafrost thaw zone. <i>Biogeosciences</i> , 2022, 19, 1211-1223.	1.3	2
235	Optical properties of dissolved organic matter in Japanese rivers and contributions to photoformation of reactive oxygen species. <i>Science of the Total Environment</i> , 2022, 826, 153671.	3.9	3
236	Using CDOM spectral shape information to improve the estimation of DOC concentration in inland waters: A case study of Andean Patagonian Lakes. <i>Science of the Total Environment</i> , 2022, 824, 153752.	3.9	11
237	Fluorescence Excitation-Emission Matrix Spectroscopy and Boosting Regression Tree Model to Detect Dissolved Organic Carbon in Water. <i>Water (Switzerland)</i> , 2021, 13, 3612.	1.2	1
238	Disproportionate Changes in Composition and Molecular Size Spectra of Dissolved Organic Matter between Influent and Effluent from a Major Metropolitan Wastewater Treatment Plant. <i>ACS ES&amp;T Water</i> , 2022, 2, 216-225.	2.3	7
250	Effect of ventilation quantity on electron transfer capacity and spectral characteristics of humic substances during sludge composting. <i>Environmental Science and Pollution Research</i> , 2022, 29, 70269-70284.	2.7	23
251	Boreal and Temperate River Wetlands. , 2022, , 78-89.		0



#	ARTICLE	IF	CITATIONS
252	Organic matter sources and composition in four watersheds with mixed land cover. <i>Hydrobiologia</i> , 2022, 849, 2663-2682.	1.0	2
253	Characterising the stability of the organic matter during anaerobic digestion: a selective review on the major spectroscopic techniques. <i>Reviews in Environmental Science and Biotechnology</i> , 2022, 21, 691-726.	3.9	8
254	Strong Dynamics in Tidal Marsh DOC Export in Response to Natural Cycles and Episodic Events From Continuous Monitoring. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	6
255	Dissolved Organic Carbon Chemostasis in Antarctic Polar Desert Streams. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	0
256	Characterization of DON sources linked with water quality for inland water bodies in the Songnen Plain of Northeast China. <i>Environmental Science and Pollution Research</i> , 2023, 30, 4812-4825.	2.7	1
257	Combination of 3D Fluorescence/PARAFAC and UV-Vis Absorption for the Characterization of Agricultural Soils from Morocco. <i>Journal of Fluorescence</i> , 2022, 32, 2141-2149.	1.3	1
258	Photosensitizing properties of dissolved organic carbon in Canadian prairie pothole wetland ponds change in response to sunlight. <i>Canadian Water Resources Journal</i> , 0, , 1-18.	0.5	1
259	Arctic biogeochemical and optical properties of dissolved organic matter across river to sea gradients. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	5
260	Composition of dissolved organic matter (DOM) in lakes responds to the trophic state and phytoplankton community succession. <i>Water Research</i> , 2022, 224, 119073.	5.3	29
261	Determining patterns in the composition of dissolved organic matter in fresh waters according to land use and management. <i>Biogeochemistry</i> , 2023, 164, 143-162.	1.7	2
262	The emerging role of drought as a regulator of dissolved organic carbon in boreal landscapes. <i>Nature Communications</i> , 2022, 13, .	5.8	15
263	Spatiotemporal optical properties of dissolved organic matter in a sluice-controlled coastal plain river with both salinity and trophic gradients. <i>Journal of Environmental Sciences</i> , 2023, 129, 1-15.	3.2	4
264	Characterization of Dissolved Organic Matter of Sediments in Urban Streams Using EEMs-PARAFAC and Absorption Spectroscopy: A Case Study in Wuhan, China. <i>Water (Switzerland)</i> , 2022, 14, 3181.	1.2	4
265	Optical properties of dissolved organic matter in throughfall and stemflow vary across tree species and season in a temperate headwater forest. <i>Biogeochemistry</i> , 2023, 164, 53-72.	1.7	3
266	A study of peatland-derived dissolved organic matter from headstream to sea using multiple analytical tools. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0
267	Dissolved Organic Matter. , 2023, , 39-102.		2
269	Origins and transformations of terrigenous dissolved organic matter in a transgressive coastal system. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 279, 108137.	0.9	4
270	Seasonal variations in CDOM characteristics and effects of environmental factors in coastal rivers, Northeast China. <i>Environmental Science and Pollution Research</i> , 2023, 30, 29052-29064.	2.7	1



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271	Hydrologic and Landscape Controls on Dissolved Organic Matter Composition Across Western North American Arctic Lakes. <i>Global Biogeochemical Cycles</i> , 2023, 37, .	1.9	5
272	Spatialâ€“seasonal characteristics and influencing factors of dissolved organic carbon and chromophoric dissolved organic matter in Poyang Lake. <i>Environmental Earth Sciences</i> , 2023, 82, .	1.3	1
273	Ecological water replenishment to the Yongding River, China: effects of different water sources on inorganic ions and organic matter characteristics. <i>Environmental Science and Pollution Research</i> , 2023, 30, 39107-39120.	2.7	6
274	Co-Occurrence of Bromine and Iodine Species in US Drinking Water Sources That Can Impact Disinfection Byproduct Formation. <i>Environmental Science &amp; Technology</i> , 2023, 57, 18563-18574.	4.6	5
275	Seasonal Variations of Dissolved Organic Matter in Urban Rivers of Northern China. <i>Land</i> , 2023, 12, 273.	1.2	5
276	Integration of Photodegradation Process of Organic Micropollutants to a Vertically One-Dimensional Lake Model. <i>Sustainability</i> , 2023, 15, 2082.	1.6	0
277	Linking pharmaceutical residues to dissolved organic matter and aquatic bacterial communities in a highly urbanized bay. <i>Science of the Total Environment</i> , 2023, 871, 162027.	3.9	7
278	Effects of regional climate, hydrology and river impoundment on long-term patterns and characteristics of dissolved organic matter in semi-arid northern plains rivers. <i>Science of the Total Environment</i> , 2023, 870, 161961.	3.9	3
279	Evaluation of secondary effluent organic matter removal by an in-series forward osmosis-ultrafiltration hybrid process using parallel factor analysis with self-organizing maps. <i>Chemical Engineering Journal</i> , 2023, 464, 142640.	6.6	4
280	Water quality, basin characteristics, and discharge greatly affect CDOM in highly turbid rivers in the Yellow River Basin, China. <i>Journal of Cleaner Production</i> , 2023, 404, 136995.	4.6	4
281	DOM influences Hg methylation in paddy soils across a Hg contamination gradient. <i>Environmental Pollution</i> , 2023, 322, 121237.	3.7	7
282	Selective Exclusion of Aromatic Organic Carbon During Lake Ice Formation. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	5
283	Characteristics, sources and driving factors of riverine CDOM in a severe erosion basin on the Loess Plateau, China. <i>Ecological Indicators</i> , 2023, 148, 110080.	2.6	1
284	Characterization of Dissolved Organic Matter from Agricultural and Livestock Effluents: Implications for Water Quality Monitoring. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 5121.	1.2	1
285	An examination of the influence of drained peatlands on regional stream water chemistry. <i>Hydrobiologia</i> , 2023, 850, 3313-3339.	1.0	4
286	Optical Insight Into Riverine Influences on Dissolved and Particulate Organic Carbon in a Coastal Arctic Lagoon System. <i>Journal of Geophysical Research: Oceans</i> , 2023, 128, .	1.0	0
287	Seasonal hydrological change shaping the relationship between dissolved organic matter and land use in the middle reaches of the Yangtze river. <i>Biogeochemistry</i> , 2023, 163, 329-345.	1.7	2
288	Relevance of tributary inflows for driving molecular composition of dissolved organic matter (DOM) in a regulated river system. <i>Water Research</i> , 2023, 237, 119975.	5.3	3

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312	Freshwater organic matter: Characteristics and reactivity. , 2023, , .		0