

Laodong Guo

List of Publications by Year in descending order

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194
papers

11,469
citations

20817

60
h-index

38395

95
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195
all docs

195
docs citations

195
times ranked

8878
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of microplastics in commercial marine dried fish in Asian countries. <i>Journal of Hazardous Materials</i> , 2022, 423, 127093.	12.4	69
2	Sources and dynamics of suspended particulate matter in a large-river dominated marine system: Contributions from terrestrial sediments, biological particles, and flocculation. <i>Journal of Marine Systems</i> , 2022, 225, 103648.	2.1	6
3	Tidal effects on variations in organic and inorganic biogeochemical components in Changjiang (Yangtze River) Estuary and the adjacent East China Sea. <i>Journal of Marine Systems</i> , 2022, 227, 103692.	2.1	6
4	New Insights Into the Non-Conservative Behaviors of Nutrients Triggering Phytoplankton Blooms in the Changjiang (Yangtze) River Estuary. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	4
5	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&T Water</i> , 2022, 2, 216-225.	4.6	7
6	Distribution, sources, and decomposition of soil organic matter along a salinity gradient in estuarine wetlands characterized by C:N ratio, $\text{I}^{\text{sup}}13^{\text{sup}}\text{C}^{\text{sup}}15^{\text{sup}}\text{N}$, and lignin biomarker. <i>Global Change Biology</i> , 2021, 27, 417-434.	9.5	63
7	Using water age to study the biogeochemistry of nutrients in a large-river estuary and the adjacent shelf area. <i>Journal of Marine Systems</i> , 2021, 214, 103469.	2.1	4
8	Partitioning and transformation of organic and inorganic phosphorus among dissolved, colloidal and particulate phases in a hypereutrophic freshwater estuary. <i>Water Research</i> , 2021, 196, 117025.	11.3	28
9	Dynamic changes in size-fractionated dissolved organic matter composition in a seasonally ice-covered Arctic River. <i>Limnology and Oceanography</i> , 2021, 66, 3085-3099.	3.1	22
10	Synchronous evaporation and aquatic primary production in tropical river networks. <i>Water Research</i> , 2021, 200, 117272.	11.3	25
11	Seasonal Variations in Molecular Size of Chromophoric Dissolved Organic Matter From the Lower Changjiang (Yangtze) River. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006160.	3.0	7
12	Causal relationship between alkaline phosphatase activities and phosphorus dynamics in a eutrophic coastal lagoon in Lake Michigan. <i>Science of the Total Environment</i> , 2021, 787, 147681.	8.0	13
13	Differences in the spectroscopic characteristics of wetland dissolved organic matter binding with Fe^{3+} , Cu^{2+} , Cd^{2+} , Cr^{3+} and Zn^{2+} . <i>Science of the Total Environment</i> , 2021, 800, 149476.	8.0	29
14	<i>Spartina alterniflora</i> invasion controls organic carbon stocks in coastal marsh and mangrove soils across tropics and subtropics. <i>Global Change Biology</i> , 2021, 27, 1627-1644.	9.5	62
15	Changing Biogeochemical Cycles of Organic Carbon, Nitrogen, Phosphorus, and Trace Elements in Arctic Rivers. , 2021, , 315-348.		9
16	Utilization of Soot and ^{210}Po - ^{210}Pb Disequilibria to Constrain Particulate Organic Carbon Fluxes in the Northeastern South China Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	5
17	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
18	Optimization of cyanobacterial harvesting and extracellular organic matter removal utilizing magnetic nanoparticles and response surface methodology: A comparative study. <i>Algal Research</i> , 2020, 45, 101756.	4.6	19

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19	The efficiency of sequential extraction of phosphorus in soil and sediment: insights from the oxygen isotope ratio of phosphate. <i>Journal of Soils and Sediments</i> , 2020, 20, 1332-1343.	3.0	10
20	Seasonal variations in strontium and carbon isotope systematics in the Lower Mississippi River: Implications for chemical weathering. <i>Chemical Geology</i> , 2020, 553, 119810.	3.3	10
21	Composition and lability of riverine dissolved organic matter: Insights from thermal slicing ramped pyrolysis GC-MS, amino acid, and stable isotope analyses. <i>Organic Geochemistry</i> , 2020, 149, 104100.	1.8	10
22	Non-conservative behavior of dissolved organic carbon in the Changjiang (Yangtze River) Estuary and the adjacent East China Sea. <i>Continental Shelf Research</i> , 2020, 197, 104084.	1.8	14
23	Silicon accumulation controls carbon cycle in wetlands through modifying nutrients stoichiometry and lignin synthesis of <i>Phragmites australis</i> . <i>Environmental and Experimental Botany</i> , 2020, 175, 104058.	4.2	19
24	Nitrogen isotopic fractionation of particulate organic matter production and remineralization in the Prydz Bay and its adjacent areas. <i>Acta Oceanologica Sinica</i> , 2020, 39, 42-53.	1.0	2
25	Nutrient absorption by <i>Ulva prolifera</i> and the growth mechanism leading to green-tides. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 227, 106329.	2.1	26
26	Role of the Atchafalaya River Basin in regulating export fluxes of dissolved organic carbon, nutrients, and trace elements to the Louisiana Shelf. <i>Journal of Hydrology X</i> , 2019, 2, 100018.	1.6	4
27	Elucidating the Hidden Nonconservative Behavior of DOM in Large River-Dominated Estuarine and Coastal Environments. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4258-4271.	2.6	18
28	Dynamics of dissolved and particulate organic matter in the Changjiang (Yangtze River) Estuary and the adjacent East China Sea shelf. <i>Journal of Marine Systems</i> , 2019, 198, 103188.	2.1	19
29	Mitigative effects of natural and model dissolved organic matter with different functionalities on the toxicity of methylmercury in embryonic zebrafish. <i>Environmental Pollution</i> , 2019, 252, 616-626.	7.5	13
30	Role of organic components in regulating denitrification in the coastal water of Daya Bay, southern China. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 831-844.	3.5	6
31	Quantifying Dissolved Organic Carbon Dynamics Using a Three-Dimensional Terrestrial Ecosystem Model at High Spatial-Temporal Resolutions. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4489-4512.	3.8	10
32	Diurnal variations in the content and oxygen isotope composition of phosphate pools in a subtropical agriculture soil. <i>Geoderma</i> , 2019, 337, 863-870.	5.1	9
33	Contrasting effects of photochemical and microbial degradation on Cu(II) binding with fluorescent DOM from different origins. <i>Environmental Pollution</i> , 2018, 239, 205-214.	7.5	70
34	Natural organic matter composition determines the molecular nature of silver nanomaterial-NOM corona. <i>Environmental Science: Nano</i> , 2018, 5, 868-881.	4.3	46
35	Sources and burial fluxes of soot black carbon in sediments on the Mackenzie, Chukchi, and Bering Shelves. <i>Continental Shelf Research</i> , 2018, 155, 1-10.	1.8	10
36	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

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37	Variations in size and composition of colloidal organic matter in a negative freshwater estuary. <i>Science of the Total Environment</i> , 2018, 615, 931-941.	8.0	40
38	Sediment denitrification in Yangtze lakes is mainly influenced by environmental conditions but not biological communities. <i>Science of the Total Environment</i> , 2018, 616-617, 978-987.	8.0	69
39	Variations in chemical speciation and reactivity of phosphorus between suspended-particles and surface-sediment in seasonal hypoxia-influenced Green Bay. <i>Journal of Great Lakes Research</i> , 2018, 44, 864-874.	1.9	15
40	Dissolved organic matter binding with Pb(II) as characterized by differential spectra and 2D UV-FTIR heterospectral correlation analysis. <i>Water Research</i> , 2018, 144, 435-443.	11.3	73
41	Dynamic molecular size transformation of aquatic colloidal organic matter as a function of pH and cations. <i>Water Research</i> , 2018, 144, 543-552.	11.3	35
42	Role of Suspended Particulate Matter in Regulating the Behavior of Dissolved Uranium in the Yellow River Estuary. <i>Estuaries and Coasts</i> , 2018, 41, 1667-1678.	2.2	4
43	Characterization, origin and aggregation behavior of colloids in eutrophic shallow lake. <i>Water Research</i> , 2018, 142, 176-186.	11.3	58
44	Yields and Characterization of Dissolved Organic Matter From Different Aged Soils in Northern Alaska. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2035-2052.	3.0	23
45	Exposure to ZnO nanoparticles alters neuronal and vascular development in zebrafish: Acute and transgenerational effects mitigated with dissolved organic matter. <i>Environmental Pollution</i> , 2018, 242, 433-448.	7.5	26
46	Distributions and dynamics of dissolved carbohydrate species in Changjiang Estuary and the adjacent East China Sea. <i>Marine Chemistry</i> , 2017, 194, 22-32.	2.3	21
47	Edaphic Conditions Regulate Denitrification Directly and Indirectly by Altering Denitrifier Abundance in Wetlands along the Han River, China. <i>Environmental Science & Technology</i> , 2017, 51, 5483-5491.	10.0	79
48	Floodplain effects on the transport of dissolved and colloidal trace elements in the East Pearl River, Mississippi. <i>Hydrological Processes</i> , 2017, 31, 1086-1099.	2.6	12
49	Size partitioning and mixing behavior of trace metals and dissolved organic matter in a South China estuary. <i>Science of the Total Environment</i> , 2017, 603-604, 434-444.	8.0	50
50	Excretion of organic matter and nutrients from invasive quagga mussels and potential impact on carbon dynamics in Lake Michigan. <i>Journal of Great Lakes Research</i> , 2017, 43, 79-89.	1.9	5
51	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
52	Multi-scale factors affecting composition, diversity, and abundance of sediment denitrifying microorganisms in Yangtze lakes. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 8015-8027.	3.6	19
53	Zinc oxide nanoparticle toxicity in embryonic zebrafish: Mitigation with different natural organic matter. <i>Environmental Pollution</i> , 2017, 230, 1125-1140.	7.5	57
54	Soil Organic Carbon Reactivity Along the Eroding Coastline of Northern Alaska. <i>Soil Science</i> , 2017, 182, 227-232.	0.9	4

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55	Impact of Wetland Decline on Decreasing Dissolved Organic Carbon Concentrations along the Mississippi River Continuum. <i>Frontiers in Marine Science</i> , 2017, 3, .	2.5	21
56	Bridging Food Webs, Ecosystem Metabolism, and Biogeochemistry Using Ecological Stoichiometry Theory. <i>Frontiers in Microbiology</i> , 2017, 8, 1298.	3.5	53
57	Dynamic changes in the abundance and chemical speciation of dissolved and particulate phosphorus across the river-lake interface in southwest Lake Michigan. <i>Limnology and Oceanography</i> , 2016, 61, 771-789.	3.1	36
58	Do invasive quagga mussels alter CO ₂ dynamics in the Laurentian Great Lakes?. <i>Scientific Reports</i> , 2016, 6, 39078.	3.3	12
59	Floodplain influence on carbon speciation and fluxes from the lower Pearl River, Mississippi. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 186, 189-206.	3.9	23
60	Characterization of bulk and chromophoric dissolved organic matter in the Laurentian Great Lakes during summer 2013. <i>Journal of Great Lakes Research</i> , 2016, 42, 789-801.	1.9	57
61	Spatiotemporal variations in the abundance and composition of bulk and chromophoric dissolved organic matter in seasonally hypoxia-influenced Green Bay, Lake Michigan, USA. <i>Science of the Total Environment</i> , 2016, 565, 742-757.	8.0	75
62	Biomass offsets little or none of permafrost carbon release from soils, streams, and wildfire: an expert assessment. <i>Environmental Research Letters</i> , 2016, 11, 034014.	5.2	199
63	Colloidal size spectra, composition and estuarine mixing behavior of DOM in river and estuarine waters of the northern Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 181, 1-17.	3.9	57
64	Depth-dependent variations of sedimentary dissolved organic matter composition in a eutrophic lake: Implications for lake restoration. <i>Chemosphere</i> , 2016, 145, 551-559.	8.2	59
65	Dynamics of dissolved and particulate phosphorus influenced by seasonal hypoxia in Green Bay, Lake Michigan. <i>Science of the Total Environment</i> , 2016, 541, 1070-1082.	8.0	65
66	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.	3.0	74
67	Molecular level characterization of diatom-associated biopolymers that bind ²³⁴ Th, ²³³ Pa, ²¹⁰ Pb, and ⁷ Be in seawater: A case study with <i>Phaeodactylum tricornutum</i> . <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1858-1869.	3.0	11
68	Nutrient dynamics across the river-sea interface in the Changjiang (Yangtze) Tj ETQq0 0 0 rgBT /Overlock 10 <i>Oceanography</i> , 2015, 60, 2207-2221.	3.1	38
69	A critical evaluation of an asymmetrical flow field-flow fractionation system for colloidal size characterization of natural organic matter. <i>Journal of Chromatography A</i> , 2015, 1399, 53-64.	3.7	43
70	Influence of organic matter on the adsorption of ²¹⁰ Pb, ²¹⁰ Po and ⁷ Be and their fractionation on nanoparticles in seawater. <i>Earth and Planetary Science Letters</i> , 2015, 423, 193-201.	4.4	34
71	Spatial and vertical variability of dissolved carbohydrate species in the northern Gulf of Mexico following the Deepwater Horizon oil spill, 2010-2011. <i>Marine Chemistry</i> , 2015, 174, 13-25.	2.3	15
72	Binding of Th, Pa, Pb, Po and Be radionuclides to marine colloidal macromolecular organic matter. <i>Marine Chemistry</i> , 2015, 173, 320-329.	2.3	38

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73	Effect of natural organic matter on the adsorption and fractionation of thorium and protactinium on nanoparticles in seawater. <i>Marine Chemistry</i> , 2015, 173, 291-301.	2.3	22
74	Distribution, source and chemical speciation of phosphorus in surface sediments of the central Pacific Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 105, 74-82.	1.4	35
75	Fluorescence EEMs and PARAFAC Techniques in the Analysis of Petroleum Components in the Water Column. <i>Springer Protocols</i> , 2015, , 179-200.	0.3	7
76	Stable isotope ratios of carbon and nitrogen in suspended organic matter: Seasonal and spatial dynamics along the Changjiang (Yangtze River) transport pathway. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1717-1737.	3.0	53
77	Abundance, distribution, and isotopic composition of particulate black carbon in the northern Gulf of Mexico. <i>Geophysical Research Letters</i> , 2014, 41, 7619-7625.	4.0	17
78	Carbon Monoxide Photoproduction: Implications for Photoreactivity of Arctic Permafrost-Derived Soil Dissolved Organic Matter. <i>Environmental Science & Technology</i> , 2014, 48, 9113-9121.	10.0	20
79	Deepwater Horizon Oil in Gulf of Mexico Waters after 2 Years: Transformation into the Dissolved Organic Matter Pool. <i>Environmental Science & Technology</i> , 2014, 48, 9288-9297.	10.0	65
80	Estuarine Pollution of Metals in China: Science and Mitigation. <i>Environmental Science & Technology</i> , 2014, 48, 9975-9976.	10.0	41
81	Adsorption and fractionation of thorium and protactinium on nanoparticles in seawater. <i>Marine Chemistry</i> , 2014, 162, 50-59.	2.3	25
82	Colloidal size distribution of humic- and protein-like fluorescent organic matter in the northern Gulf of Mexico. <i>Marine Chemistry</i> , 2014, 164, 25-37.	2.3	52
83	Important role of biomolecules from diatoms in the scavenging of particle-reactive radionuclides of thorium, protactinium, lead, polonium, and beryllium in the ocean: A case study with <i>Phaeodactylum tricornutum</i> . <i>Limnology and Oceanography</i> , 2014, 59, 1256-1266.	3.1	26
84	Carbon Fluxes Across Boundaries in the Pacific Arctic Region in a Changing Environment. , 2014, , 199-222.		10
85	Variations in abundance and size distribution of carbohydrates in the lower Mississippi River, Pearl River and Bay of St Louis. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 126, 61-69.	2.1	10
86	Abundance, size distributions and trace-element binding of organic and iron-rich nanocolloids in Alaskan rivers, as revealed by field-flow fractionation and ICP-MS. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 105, 221-239.	3.9	115
87	Hydrogeochemistry of seasonal flow regimes in the Chena River, a subarctic watershed draining discontinuous permafrost in interior Alaska (USA). <i>Chemical Geology</i> , 2013, 335, 48-62.	3.3	53
88	Role of biopolymers as major carrier phases of Th, Pa, Pb, Po, and Be radionuclides in settling particles from the Atlantic Ocean. <i>Marine Chemistry</i> , 2013, 157, 131-143.	2.3	44
89	Distribution, partitioning and mixing behavior of phosphorus species in the Jiulong River estuary. <i>Marine Chemistry</i> , 2013, 157, 93-105.	2.3	50
90	Adsorption characteristics of ²¹⁰ Pb, ²¹⁰ Po and ⁷ Be onto micro-particle surfaces and the effects of macromolecular organic compounds. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 107, 47-64.	3.9	51

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91	Characterization of oil components from the Deepwater Horizon oil spill in the Gulf of Mexico using fluorescence EEM and PARAFAC techniques. <i>Marine Chemistry</i> , 2013, 148, 10-21.	2.3	120
92	Chemical evolution of Macondo crude oil during laboratory degradation as characterized by fluorescence EEMs and hydrocarbon composition. <i>Marine Pollution Bulletin</i> , 2013, 66, 164-175.	5.0	50
93	Binding and transport of rare earth elements by organic and iron-rich nanocolloids in Alaskan rivers, as revealed by field-flow fractionation and ICP-MS. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 106, 446-462.	3.9	72
94	Effects of tropical cyclones on river chemistry: A case study of the lower Pearl River during Hurricanes Gustav and Ike. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 129, 180-188.	2.1	19
95	Evolution of the optical properties of seawater influenced by the Deepwater Horizon oil spill in the Gulf of Mexico. <i>Environmental Research Letters</i> , 2012, 7, 025301.	5.2	40
96	The distribution and chemical speciation of dissolved and particulate phosphorus in the Bering Sea and the Chukchiâ€Beaufort Seas. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 81-84, 79-94.	1.4	26
97	Variations in the isotopic composition of particulate organic carbon and their relation with carbon dynamics in the western Arctic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 81-84, 72-78.	1.4	23
98	Speciation and transformation of phosphorus and its mixing behavior in the Bay of St. Louis estuary in the northern Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 87, 283-298.	3.9	63
99	Nutrients and particulate organic matter discharged by the Changjiang (Yangtze River): Seasonal variations and temporal trends. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	101
100	Importance of lateral transport processes to 210Pb budget in the eastern Chukchi Sea during summer 2003. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 81-84, 53-62.	1.4	26
101	Biogeochemical studies from the Chinese National Arctic Research Expeditions (CHINAREs). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 81-84, 1-2.	1.4	1
102	The source and distribution of dissolved and particulate organic matter in the Bay of St. Louis, northern Gulf of Mexico. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 96, 96-104.	2.1	35
103	Depositional fluxes and residence time of atmospheric radioiodine (¹³¹ I) from the Fukushima accident. <i>Journal of Environmental Radioactivity</i> , 2012, 113, 32-36.	1.7	13
104	Hurricane Katrina impact on water quality in the East Pearl River, Mississippi. <i>Journal of Hydrology</i> , 2012, 414-415, 388-392.	5.4	17
105	Sources and export fluxes of inorganic and organic carbon and nutrient species from the seasonally ice-covered Yukon River. <i>Biogeochemistry</i> , 2012, 107, 187-206.	3.5	91
106	Soil carbon and material fluxes across the eroding Alaska Beaufort Sea coastline. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	84
107	Tracing the quarter-diurnal signatures of nutrients and dissolved organic matter to evaluate their nonconservative behaviors in coastal seawaters. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	8
108	Biogeochemical and geocryological characteristics of wedge and thermokarstâ€cave ice in the CRREL permafrost tunnel, Alaska. <i>Permafrost and Periglacial Processes</i> , 2011, 22, 120-128.	3.4	49

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109	Optical characterization of CDOM in a marsh-influenced environment in the Changjiang (Yangtze) Tj ETQq1 1 0.784314 rgBT/Overlook	2.7	16
110	Controls of ²³⁴ Th removal from the oligotrophic ocean by polyuronic acids and modification by microbial activity. <i>Marine Chemistry</i> , 2011, 123, 111-126.	2.3	38
111	Preferential removal of dissolved carbohydrates during estuarine mixing in the Bay of Saint Louis in the northern Gulf of Mexico. <i>Marine Chemistry</i> , 2010, 119, 130-138.	2.3	28
112	Abundance and Chemical Speciation of Phosphorus in Sediments of the Mackenzie River Delta, the Chukchi Sea and the Bering Sea: Importance of Detrital Apatite. <i>Aquatic Geochemistry</i> , 2010, 16, 353-371.	1.3	61
113	Source and distribution of lead in the surface sediments from the South China Sea as derived from Pb isotopes. <i>Marine Pollution Bulletin</i> , 2010, 60, 2144-2153.	5.0	34
114	Size and composition of colloidal organic matter and trace elements in the Mississippi River, Pearl River and the northern Gulf of Mexico, as characterized by flow field-flow fractionation. <i>Marine Chemistry</i> , 2010, 118, 119-128.	2.3	169
115	Comparative evaluation of sediment trap and ²³⁴ Th-derived POC fluxes from the upper oligotrophic waters of the Gulf of Mexico and the subtropical northwestern Pacific Ocean. <i>Marine Chemistry</i> , 2010, 121, 132-144.	2.3	51
116	Characterization of subsurface polycyclic aromatic hydrocarbons at the Deepwater Horizon site. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	217
117	Fluorescence characteristics of chromophoric dissolved organic matter in shallow water along the Zhejiang coasts, southeast China. <i>Marine Environmental Research</i> , 2010, 69, 187-197.	2.5	39
118	Spatial variation of tundra soil organic carbon along the coastline of northern Alaska. <i>Geoderma</i> , 2010, 154, 328-335.	5.1	16
119	Quasi-simultaneous observation of currents, salinity and nutrients in the Changjiang (Yangtze River) plume on the tidal timescale. <i>Journal of Marine Systems</i> , 2009, 75, 265-279.	2.1	43
120	Chemical and isotopic composition of high-molecular-weight dissolved organic matter from the Mississippi River plume. <i>Marine Chemistry</i> , 2009, 114, 63-71.	2.3	62
121	Potential DOC production from size-fractionated Arctic tundra soils. <i>Cold Regions Science and Technology</i> , 2009, 55, 141-150.	3.5	38
122	Bacteriohopanepolyol biomarker composition of organic matter exported to the Arctic Ocean by seven of the major Arctic rivers. <i>Organic Geochemistry</i> , 2009, 40, 1151-1159.	1.8	43
123	Sensitivity of the carbon cycle in the Arctic to climate change. <i>Ecological Monographs</i> , 2009, 79, 523-555.	5.4	814
124	Chemical and isotopic characterization of size-fractionated organic matter from cryoturbated tundra soils, northern Alaska. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	57
125	Abundance and variation of colloidal organic phosphorus in riverine, estuarine, and coastal waters in the northern Gulf of Mexico. <i>Limnology and Oceanography</i> , 2009, 54, 1393-1402.	3.1	60
126	Isotope Composition of Organic Matter in Seawater. , 2009, , .		0

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127	Nutrient budgets averaged over tidal cycles off the Changjiang (Yangtze River) Estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 77, 331-336.	2.1	23
128	Pan-Arctic patterns in black carbon sources and fluvial discharges deduced from radiocarbon and PAH source apportionment markers in estuarine surface sediments. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	4.9	74
129	Comment on "How accurate are ²³⁴ Th measurements in seawater based on the MnO ₂ -impregnated cartridge technique?" by Pinghe Cai et al.. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	5
130	Variation of nutrients in response to the highly dynamic suspended particulate matter in the Changjiang (Yangtze River) plume. <i>Continental Shelf Research</i> , 2008, 28, 2393-2403.	1.8	26
131	Seasonal variations in nutrient concentrations and speciation in the Chena River, Alaska. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	36
132	Temporal variations in organic carbon species and fluxes from the Chena River, Alaska. <i>Limnology and Oceanography</i> , 2008, 53, 1408-1419.	3.1	58
133	Estimating the Impact of Seawater on the Production of Soil Water-Extractable Organic Carbon during Coastal Erosion. <i>Journal of Environmental Quality</i> , 2008, 37, 2368-2374.	2.0	29
134	Colored dissolved organic matter dynamics across the shelf-basin interface in the western Arctic Ocean. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	60
135	Mobilization pathways of organic carbon from permafrost to arctic rivers in a changing climate. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	222
136	Ultrafiltration and its Applications to Sampling and Characterisation of Aquatic Colloids. , 2007, , 159-221.		59
137	Retention behavior of dissolved uranium during ultrafiltration: Implications for colloidal U in surface waters. <i>Marine Chemistry</i> , 2007, 107, 156-166.	2.3	34
138	Source and transport of terrigenous organic matter in the upper Yukon River: Evidence from isotope (¹³ C, ¹⁴ C, and ¹⁵ N) composition of dissolved, colloidal, and particulate phases. <i>Global Biogeochemical Cycles</i> , 2006, 20, n/a-n/a.	4.9	244
139	Zonal patterns of ¹³ C, ¹⁵ N and ²¹⁰ Po in the tropical and subtropical North Pacific. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	17
140	Distributions of nutrients, dissolved organic carbon and carbohydrates in the western Arctic Ocean. <i>Continental Shelf Research</i> , 2006, 26, 1654-1667.	1.8	59
141	Temporal variations of organic carbon inputs into the upper Yukon River: Evidence from fatty acids and their stable carbon isotopic compositions in dissolved, colloidal and particulate phases. <i>Organic Geochemistry</i> , 2006, 37, 944-956.	1.8	38
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