

Anne Kellerman

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,292
citations

393982

19
h-index

414034

32
g-index

36
all docs

36
docs citations

36
times ranked

2506
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemodiversity of dissolved organic matter in lakes driven by climate and hydrology. <i>Nature Communications</i> , 2014, 5, 3804.	5.8	508
2	Persistence of dissolved organic matter in lakes related to its molecular characteristics. <i>Nature Geoscience</i> , 2015, 8, 454-457.	5.4	457
3	Experimental insights into the importance of aquatic bacterial community composition to the degradation of dissolved organic matter. <i>ISME Journal</i> , 2016, 10, 533-545.	4.4	418
4	Unifying Concepts Linking Dissolved Organic Matter Composition to Persistence in Aquatic Ecosystems. <i>Environmental Science & Technology</i> , 2018, 52, 2538-2548.	4.6	204
5	Absence of a priming effect on dissolved organic carbon degradation in lake water. <i>Limnology and Oceanography</i> , 2015, 60, 159-168.	1.6	91
6	Molecular-Level Composition and Acute Toxicity of Photosolubilized Petrogenic Carbon. <i>Environmental Science & Technology</i> , 2019, 53, 8235-8243.	4.6	57
7	Identifying the Molecular Signatures of Agricultural Expansion in Amazonian Headwater Streams. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1637-1650.	1.3	53
8	Organic Matter Degradation across Ecosystem Boundaries: The Need for a Unified Conceptualization. <i>Trends in Ecology and Evolution</i> , 2021, 36, 113-122.	4.2	44
9	Hydrologic connectivity determines dissolved organic matter biogeochemistry in northern high-latitude lakes. <i>Limnology and Oceanography</i> , 2020, 65, 1764-1780.	1.6	37
10	Realizing the potential of trait-based aquatic ecology: New tools and collaborative approaches. <i>Limnology and Oceanography</i> , 2017, 62, 253-271.	1.6	36
11	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
12	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
13	Large subglacial source of mercury from the southwestern margin of the Greenland Ice Sheet. <i>Nature Geoscience</i> , 2021, 14, 496-502.	5.4	32
14	Hydrocarbons to carboxyl-rich alicyclic molecules: A continuum model to describe biodegradation of petroleum-derived dissolved organic matter in contaminated groundwater plumes. <i>Journal of Hazardous Materials</i> , 2021, 402, 123998.	6.5	31
15	Pan-Arctic Riverine Dissolved Organic Matter: Synchronous Molecular Stability, Shifting Sources and Subsidies. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006871.	1.9	31
16	Delineating the Continuum of Dissolved Organic Matter in Temperate River Networks. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006495.	1.9	29
17	Glacier Outflow Dissolved Organic Matter as a Window Into Seasonally Changing Carbon Sources: Leverett Glacier, Greenland. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005161.	1.3	26
18	Selective Leaching of Dissolved Organic Matter From Alpine Permafrost Soils on the Qinghai-Tibetan Plateau. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1005-1016.	1.3	24

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19	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
20	Spatiotemporal transformation of dissolved organic matter along an alpine stream flow path on the Qinghai-Tibet Plateau: importance of source and permafrost degradation. <i>Biogeosciences</i> , 2018, 15, 6637-6648.	1.3	19
21	Molecular Signatures of Glacial Dissolved Organic Matter From Svalbard and Greenland. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006709.	1.9	17
22	Limited Presence of Permafrost Dissolved Organic Matter in the Kolyma River, Siberia Revealed by Ramped Oxidation. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005977.	1.3	16
23	Anthropogenic landcover impacts fluvial dissolved organic matter composition in the Upper Mississippi River Basin. <i>Biogeochemistry</i> , 2023, 164, 117-141.	1.7	16
24	The Influence of Glacial Cover on Riverine Silicon and Iron Exports in Chilean Patagonia. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006611.	1.9	12
25	The evolution of stream dissolved organic matter composition following glacier retreat in coastal watersheds of southeast Alaska. <i>Biogeochemistry</i> , 2023, 164, 99-116.	1.7	12
26	Controls on Riverine Dissolved Organic Matter Composition Across an Arctic-Boreal Latitudinal Gradient. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005988.	1.3	7
27	Assessing the Role of Photochemistry in Driving the Composition of Dissolved Organic Matter in Glacier Runoff. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006516.	1.3	7
28	Seasonal Changes in Dissolved Organic Matter Composition in a Patagonian Fjord Affected by Glacier Melt Inputs. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
29	Molecular Insights into Glacial Cryoconite Dissolved Organic Matter Evolution under Dark Conditions during the Ablation Season on the Tibetan Plateau. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 870-879.	1.2	4
30	The Effects of Glacial Cover on Riverine Silicon Isotope Compositions in Chilean Patagonia. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	3
31	Trapped Under Ice: Spatial and Seasonal Dynamics of Dissolved Organic Matter Composition in Tundra Lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	3