

Anne Kellerman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,224
citations

14
h-index

34
g-index

36
ext. papers

1,780
ext. citations

6.6
avg, IF

4.72
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 29 | 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 | 3.7 | 1 |
| 28 | Molecular Signatures of Glacial Dissolved Organic Matter From Svalbard and Greenland. <i>Global Biogeochemical Cycles</i> , 2021 , 35, e2020GB006709 | 5.9 | 4 |
| 27 | 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 | 3.2 | 1 |
| 26 | Pan-Arctic Riverine Dissolved Organic Matter: Synchronous Molecular Stability, Shifting Sources and Subsidies. <i>Global Biogeochemical Cycles</i> , 2021 , 35, e2020GB006871 | 5.9 | 5 |
| 25 | Large subglacial source of mercury from the southwestern margin of the Greenland Ice Sheet. <i>Nature Geoscience</i> , 2021 , 14, 496-502 | 18.3 | 6 |
| 24 | 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 | 3.7 | 3 |
| 23 | 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 | 12.8 | 10 |
| 22 | Organic Matter Degradation across Ecosystem Boundaries: The Need for a Unified Conceptualization. <i>Trends in Ecology and Evolution</i> , 2021 , 36, 113-122 | 10.9 | 8 |
| 21 | Controls on Riverine Dissolved Organic Matter Composition Across an Arctic-Boreal Latitudinal Gradient. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG005988 | 3.7 | 3 |
| 20 | 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 | 3.7 | 15 |
| 19 | Hydrologic connectivity determines dissolved organic matter biogeochemistry in northern high-latitude lakes. <i>Limnology and Oceanography</i> , 2020 , 65, 1764-1780 | 4.8 | 13 |
| 18 | Fundamental drivers of dissolved organic matter composition across an Arctic effective precipitation gradient. <i>Limnology and Oceanography</i> , 2020 , 65, 1217-1234 | 4.8 | 14 |
| 17 | Delineating the Continuum of Dissolved Organic Matter in Temperate River Networks. <i>Global Biogeochemical Cycles</i> , 2020 , 34, e2019GB006495 | 5.9 | 12 |
| 16 | The Influence of Glacial Cover on Riverine Silicon and Iron Exports in Chilean Patagonia. <i>Global Biogeochemical Cycles</i> , 2020 , 34, e2020GB006611 | 5.9 | 4 |
| 15 | The Effects of Glacial Cover on Riverine Silicon Isotope Compositions in Chilean Patagonia. <i>Frontiers in Earth Science</i> , 2020 , 8, | 3.5 | 1 |
| 14 | Molecular-Level Composition and Acute Toxicity of Photosolubilized Petrogenic Carbon. <i>Environmental Science & Technology</i> , 2019 , 53, 8235-8243 | 10.3 | 29 |
| 13 | Identifying the Molecular Signatures of Agricultural Expansion in Amazonian Headwater Streams. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 1637-1650 | 3.7 | 25 |

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|----|---|------|-----|
| 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 | 3.7 | 25 |
| 11 | 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 | 3.7 | 16 |
| 10 | Unifying Concepts Linking Dissolved Organic Matter Composition to Persistence in Aquatic Ecosystems. <i>Environmental Science & Technology</i> , 2018 , 52, 2538-2548 | 10.3 | 105 |
| 9 | 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 | 3.7 | 14 |
| 8 | 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 | 4.6 | 15 |
| 7 | Realizing the potential of trait-based aquatic ecology: New tools and collaborative approaches. <i>Limnology and Oceanography</i> , 2017 , 62, 253-271 | 4.8 | 26 |
| 6 | Experimental insights into the importance of aquatic bacterial community composition to the degradation of dissolved organic matter. <i>ISME Journal</i> , 2016 , 10, 533-45 | 11.9 | 197 |
| 5 | Absence of a priming effect on dissolved organic carbon degradation in lake water. <i>Limnology and Oceanography</i> , 2015 , 60, 159-168 | 4.8 | 65 |
| 4 | Persistence of dissolved organic matter in lakes related to its molecular characteristics. <i>Nature Geoscience</i> , 2015 , 8, 454-457 | 18.3 | 288 |
| 3 | Chemodiversity of dissolved organic matter in lakes driven by climate and hydrology. <i>Nature Communications</i> , 2014 , 5, 3804 | 17.4 | 312 |
| 2 | Anthropogenic landcover impacts fluvial dissolved organic matter composition in the Upper Mississippi River Basin. <i>Biogeochemistry</i> , 2014 , 111, 1-11 | 3.8 | 1 |
| 1 | The evolution of stream dissolved organic matter composition following glacier retreat in coastal watersheds of southeast Alaska. <i>Biogeochemistry</i> , 2014 , 111, 1-11 | 3.8 | 5 |