

Louis A Kaplan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6349136/publications.pdf>

Version: 2024-02-01

18
papers

2,862
citations

471509

17
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

3346
citing authors

#	ARTICLE	IF	CITATIONS
1	Biophysical controls on organic carbon fluxes in fluvial networks. <i>Nature Geoscience</i> , 2008, 1, 95-100.	12.9	1,102
2	Chemical composition of biodegradable dissolved organic matter in streamwater. <i>Limnology and Oceanography</i> , 1997, 42, 39-44.	3.1	261
3	Biodegradable dissolved organic matter in a temperate and a tropical stream determined from ultra-high resolution mass spectrometry. <i>Limnology and Oceanography</i> , 2006, 51, 1054-1063.	3.1	194
4	Biological lability of streamwater fluorescent dissolved organic matter. <i>Limnology and Oceanography</i> , 2012, 57, 1347-1360.	3.1	171
5	Recurring Seasonal Dynamics of Microbial Communities in Stream Habitats. <i>Applied and Environmental Microbiology</i> , 2006, 72, 713-722.	3.1	161
6	Diel fluctuations in bacterial activity on streambed substrata during vernal algal blooms: Effects of temperature, water chemistry, and habitat. <i>Limnology and Oceanography</i> , 1989, 34, 718-733.	3.1	160
7	Diel fluctuations of DOC generated by algae in a piedmont stream ¹ . <i>Limnology and Oceanography</i> , 1982, 27, 1091-1100.	3.1	151
8	A mixing model analysis of stream solute dynamics and the contribution of a hyporheic zone to ecosystem function*. <i>Freshwater Biology</i> , 2003, 48, 995-1014.	2.4	112
9	Measurement of streamwater biodegradable dissolved organic carbon with a plug-flow bioreactor. <i>Water Research</i> , 1995, 29, 2696-2706.	11.3	87
10	Uptake of nutrients and organic C in streams in New York City drinking-water-supply watersheds. <i>Journal of the North American Benthological Society</i> , 2006, 25, 998-1017.	3.1	81
11	Untangling the complex issue of dissolved organic carbon uptake: a stable isotope approach. <i>Freshwater Biology</i> , 2008, 53, 855-864.	2.4	74
12	A coupled geochemical and biogeochemical approach to characterize the bioreactivity of dissolved organic matter from a headwater stream. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1520-1537.	3.0	73
13	Patterns of dissolved organic carbon in transport ¹ . <i>Limnology and Oceanography</i> , 1980, 25, 1034-1043.	3.1	56
14	Biological lability of dissolved organic carbon in stream water and contributing terrestrial sources. <i>Freshwater Science</i> , 2013, 32, 1219-1230.	1.8	49
15	Photodegradation disproportionately impacts biodegradation of semi-labile DOM in streams. <i>Limnology and Oceanography</i> , 2020, 65, 13-26.	3.1	49
16	Dissolved carbohydrates in streamwater determined by HPLC and pulsed amperometric detection. <i>Limnology and Oceanography</i> , 1997, 42, 385-393.	3.1	48
17	The delivery of dissolved organic carbon from a forested hillslope to a headwater stream in southeastern Pennsylvania, USA. <i>Water Resources Research</i> , 2014, 50, 5774-5796.	4.2	27
18	Effect of Decreasing Biological Lability on Dissolved Organic Matter Dynamics in Streams. <i>Water Resources Research</i> , 2021, 57, e2020WR027918.	4.2	6