

John M Melack

List of Publications by Year in descending order

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Version: 2024-02-01

225
papers

21,775
citations

12597

71
h-index

11946

139
g-index

230
all docs

230
docs citations

230
times ranked

20976
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and seasonal variability of chlorophyll <i>a</i> in different-sized lakes across eastern China. <i>Inland Waters</i> , 2022, 12, 205-214.	1.1	4
2	Reducing adverse impacts of Amazon hydropower expansion. <i>Science</i> , 2022, 375, 753-760.	6.0	60
3	Spatiotemporal Variations of Evapotranspiration in Amazonia Using the Wavelet Phase Difference Analysis. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	2
4	Challenges Regionalizing Methane Emissions Using Aquatic Environments in the Amazon Basin as Examples. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	4
5	How much inundation occurs in the Amazon River basin?. <i>Remote Sensing of Environment</i> , 2022, 278, 113099.	4.6	18
6	A hybrid empirical and parametric approach for managing ecosystem complexity: Water quality in Lake Geneva under nonstationary futures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	7
7	Turbulence in a small boreal lake: Consequences for air-water gas exchange. <i>Limnology and Oceanography</i> , 2021, 66, 827-854.	1.6	27
8	Limnological perspectives on conservation of floodplain lakes in the Amazon basin. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1041-1055.	0.9	13
9	Amazon floodplain hydrology and implications for aquatic conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1029-1040.	0.9	26
10	Half of global methane emissions come from highly variable aquatic ecosystem sources. <i>Nature Geoscience</i> , 2021, 14, 225-230.	5.4	388
11	Terrestrial Organic Matter Inputs to Nearshore Marine Sediment Under Prolonged Drought Followed by Significant Rainfall as Indicated by Lignin. <i>Estuaries and Coasts</i> , 2021, 44, 2159.	1.0	2
12	Large Seasonal and Habitat Differences in Methane Ebullition on the Amazon Floodplain. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005911.	1.3	7
13	Multiple climate change-driven tipping points for coastal systems. <i>Scientific Reports</i> , 2021, 11, 15560.	1.6	35
14	Effects of Wildfires and Ash Leaching on Stream Chemistry in the Santa Ynez Mountains of Southern California. <i>Water (Switzerland)</i> , 2021, 13, 2402.	1.2	7
15	Diel Variability of CO ₂ Emissions From Northern Lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006246.	1.3	14
16	Amazon Hydrology From Space: Scientific Advances and Future Challenges. <i>Reviews of Geophysics</i> , 2021, 59, e2020RG000728.	9.0	53
17	Factors influencing urea use by giant kelp (<i>Macrocystis pyrifera</i> , Phaeophyceae). <i>Limnology and Oceanography</i> , 2021, 66, 1190-1200.	1.6	5
18	Enhanced Turbulence in the Upper Mixed Layer Under Light Winds and Heating: Implications for Gas Fluxes. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, .	1.0	12

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19	Chapter 6: Biogeochemical Cycles in the Amazon. , 2021, , .		7
20	Carbon dioxide supersaturation in high-elevation oligotrophic lakes and reservoirs in the Sierra Nevada, California. <i>Limnology and Oceanography</i> , 2020, 65, 612-626.	1.6	5
21	A machine learning approach to estimate chlorophyll-a from Landsat-8 measurements in inland lakes. <i>Remote Sensing of Environment</i> , 2020, 248, 111974.	4.6	184
22	Deeper waters are changing less consistently than surface waters in a global analysis of 102 lakes. <i>Scientific Reports</i> , 2020, 10, 20514.	1.6	56
23	Future climate impacts on the hydrology of headwater streams in the Amazon River Basin: Implications for migratory goliath catfishes. <i>Hydrological Processes</i> , 2020, 34, 5402-5416.	1.1	8
24	Sensitivity of nitrate concentration-discharge patterns to soil nitrate distribution and drainage properties in the vertical dimension. <i>Hydrological Processes</i> , 2020, 34, 2477-2493.	1.1	12
25	Dissolved methane concentrations and fluxes to the atmosphere from a tropical floodplain lake. <i>Biogeochemistry</i> , 2020, 148, 129-151.	1.7	27
26	Spatial Variations of Subsurface Chlorophyll Maxima During Thermal Stratification in a Large, Deep Subtropical Reservoir. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005480.	1.3	16
27	Carbon Dioxide Fluxes to the Atmosphere From Waters Within Flooded Forests in the Amazon Basin. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005293.	1.3	20
28	Turbulence and Gas Transfer Velocities in Sheltered Flooded Forests of the Amazon Basin. <i>Geophysical Research Letters</i> , 2019, 46, 9628-9636.	1.5	18
29	Reducing greenhouse gas emissions of Amazon hydropower with strategic dam planning. <i>Nature Communications</i> , 2019, 10, 4281.	5.8	126
30	Detecting Land Degradation in Eastern China Grasslands with Time Series Segmentation and Residual Trend analysis (TSS-RESTREND) and GIMMS NDVI3g Data. <i>Remote Sensing</i> , 2019, 11, 1014.	1.8	25
31	Climate warming response of mountain lakes affected by variations in snow. <i>Limnology and Oceanography Letters</i> , 2019, 4, 9-17.	1.6	45
32	Seasonal and spatial variability of CO ₂ in aquatic environments of the central lowland Amazon basin. <i>Biogeochemistry</i> , 2019, 143, 133-149.	1.7	11
33	Seasonal and Interannual Patterns and Controls of Hydrological Fluxes in an Amazon Floodplain Lake With a Surface-Subsurface Process Model. <i>Water Resources Research</i> , 2019, 55, 3056-3075.	1.7	30
34	Propagation of future climate conditions into hydrologic response from coastal southern California watersheds. <i>Climatic Change</i> , 2019, 153, 199-218.	1.7	16
35	Contribution of macroalgal wrack consumers to dissolved inorganic nitrogen concentrations in intertidal pore waters of sandy beaches. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 219, 363-371.	0.9	14
36	A multidisciplinary coastal vulnerability assessment for local government focused on ecosystems, Santa Barbara area, California. <i>Ocean and Coastal Management</i> , 2019, 182, 104921.	2.0	30

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37	Long-term perspectives in aquatic research. <i>Limnology and Oceanography</i> , 2019, 64, S2.	1.6	21
38	High rates of methane oxidation in an Amazon floodplain lake. <i>Biogeochemistry</i> , 2018, 137, 351-365.	1.7	32
39	A multi-lake comparative analysis of the General Lake Model (GLM): Stress-testing across a global observatory network. <i>Environmental Modelling and Software</i> , 2018, 102, 274-291.	1.9	93
40	Concentration-Discharge Responses to Storm Events in Coastal California Watersheds. <i>Water Resources Research</i> , 2018, 54, 407-424.	1.7	54
41	Influence of plankton metabolism and mixing depth on CO ₂ dynamics in an Amazon floodplain lake. <i>Science of the Total Environment</i> , 2018, 630, 1381-1393.	3.9	36
42	Recent increase of river-floodplain suspended sediment exchange in a reach of the lower Amazon River. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 322-332.	1.2	29
43	Relationships Among Nutrient and Sediment Fluxes, Hydrological Variability, Fire, and Land Cover in Coastal California Catchments. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2568-2589.	1.3	15
44	Urea as a source of nitrogen to giant kelp (<i>Macrocystis pyrifera</i>). <i>Limnology and Oceanography Letters</i> , 2018, 3, 365-373.	1.6	30
45	Retention of Nitrogen Following Wildfire in a Chaparral Ecosystem. <i>Ecosystems</i> , 2018, 21, 1608-1622.	1.6	16
46	Effects of Climate Variability on Snowmelt and Implications for Organic Matter in a High-Elevation Lake. <i>Water Resources Research</i> , 2018, 54, 4563-4578.	1.7	44
47	Regional and seasonal variability in planktonic photosynthesis and planktonic community respiration in Amazon floodplain lakes. <i>Hydrobiologia</i> , 2017, 800, 187-206.	1.0	18
48	Interannual Variation in Hydrologic Budgets in an Amazonian Watershed with a Coupled Subsurface-Land Surface Process Model. <i>Journal of Hydrometeorology</i> , 2017, 18, 2597-2617.	0.7	17
49	The potential impact of new Andean dams on Amazon fluvial ecosystems. <i>PLoS ONE</i> , 2017, 12, e0182254.	1.1	153
50	Diffusive methane fluxes from Negro, Solimões and Madeira rivers and fringing lakes in the Amazon basin. <i>Limnology and Oceanography</i> , 2016, 61, S221.	1.6	37
51	Aquatic Ecosystems. <i>Ecological Studies</i> , 2016, , 119-148.	0.4	25
52	The fan of influence of streams and channel feedbacks to simulated land surface water and carbon dynamics. <i>Water Resources Research</i> , 2016, 52, 880-902.	1.7	34
53	Downstream emissions of CH ₄ and CO ₂ from hydroelectric reservoirs (Tucuru; Samuel, and Curu-Una) in the Amazon basin. <i>Inland Waters</i> , 2016, 6, 295-302.	1.1	24
54	Carbon dioxide outgassing from Amazonian aquatic ecosystems in the Negro River basin. <i>Biogeochemistry</i> , 2016, 129, 77-91.	1.7	22

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55	Projections of climate change effects on discharge and inundation in the Amazon basin. <i>Climatic Change</i> , 2016, 136, 555-570.	1.7	147
56	Rapid and highly variable warming of lake surface waters around the globe. <i>Geophysical Research Letters</i> , 2015, 42, 10,773.	1.5	767
57	The importance of forest cover for fish richness and abundance on the Amazon floodplain. <i>Hydrobiologia</i> , 2015, 750, 245-255.	1.0	44
58	Does flood rhythm drive ecosystem responses in tropical riverscapes?. <i>Ecology</i> , 2015, 96, 684-692.	1.5	77
59	Wetlands of the Lowland Amazon Basin: Extent, Vegetative Cover, and Dual-season Inundated Area as Mapped with JERS-1 Synthetic Aperture Radar. <i>Wetlands</i> , 2015, 35, 745-756.	0.7	195
60	Sediment yields from small, steep coastal watersheds of California. <i>Journal of Hydrology: Regional Studies</i> , 2015, 4, 516-534.	1.0	28
61	Temporal Evolution and Variability of Dissolved Inorganic Nitrogen in Beach Pore Water Revealed Using Radon Residence Times. <i>Environmental Science & Technology</i> , 2014, 48, 14211-14218.	4.6	26
62	20th Century Atmospheric Deposition and Acidification Trends in Lakes of the Sierra Nevada, California, USA. <i>Environmental Science & Technology</i> , 2014, 48, 10054-10061.	4.6	13
63	Assessing Nitrogen-Saturation in a Seasonally Dry Chaparral Watershed: Limitations of Traditional Indicators of N-Saturation. <i>Ecosystems</i> , 2014, 17, 1286-1305.	1.6	55
64	Phosphorus in sediments of high-elevation lakes in the Sierra Nevada (California): implications for internal phosphorus loading. <i>Aquatic Sciences</i> , 2014, 76, 511-525.	0.6	10
65	Biological and chemical responses in a temporarily open/closed estuary to variable freshwater inputs. <i>Hydrobiologia</i> , 2014, 734, 97-113.	1.0	13
66	Modeling Methane Emissions from Amazon Floodplain Ecosystems. <i>Wetlands</i> , 2014, 34, 501-511.	0.7	14
67	Plant-mediated transport and isotopic composition of methane from shallow tropical wetlands. <i>Inland Waters</i> , 2014, 4, 369-376.	1.1	8
68	Flooding dynamics on the lower Amazon floodplain: 1. Hydraulic controls on water elevation, inundation extent, and river-floodplain discharge. <i>Water Resources Research</i> , 2014, 50, 619-634.	1.7	90
69	Flooding dynamics on the lower Amazon floodplain: 2. Seasonal and interannual hydrological variability. <i>Water Resources Research</i> , 2014, 50, 635-649.	1.7	63
70	A multisensor, multitemporal approach for monitoring herbaceous vegetation growth in the Amazon floodplain. , 2013, , .		2
71	Fire as a disturbance in mediterranean climate streams. <i>Hydrobiologia</i> , 2013, 719, 353-382.	1.0	103
72	The effects of land use changes on streams and rivers in mediterranean climates. <i>Hydrobiologia</i> , 2013, 719, 383-425.	1.0	142

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73	Responses of aquatic macrophyte cover and productivity to flooding variability on the Amazon floodplain. <i>Global Change Biology</i> , 2013, 19, 3379-3389.	4.2	34
74	Initial impacts of a wildfire on hydrology and suspended sediment and nutrient export in California chaparral watersheds. <i>Hydrological Processes</i> , 2013, 27, 3842-3851.	1.1	47
75	Modeling Nutrient Export From Coastal California Watersheds. <i>Journal of the American Water Resources Association</i> , 2013, 49, 793-809.	1.0	5
76	Multiple Sources and Forms of Nitrogen Sustain Year-Round Kelp Growth on the Inner Continental Shelf of the Santa Barbara Channel. <i>Oceanography</i> , 2013, 26, 114-123.	0.5	46
77	The Effect of an Extreme Rain Event on the Biogeochemistry and Ecosystem Metabolism of an Oligotrophic High-Elevation Lake. <i>Arctic, Antarctic, and Alpine Research</i> , 2012, 44, 222-231.	0.4	75
78	Land use control of stream nitrate concentrations in mountainous coastal California watersheds. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	28
79	Riverine coupling of biogeochemical cycles between land, oceans, and atmosphere. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 53-60.	1.9	927
80	CO ₂ emissions from a tropical hydroelectric reservoir (Balbina, Brazil). <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	160
81	Seasonal and spatial variability of CO ₂ emission from a large floodplain lake in the lower Amazon. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	45
82	An integrated conceptual framework for long-term social-ecological research. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 351-357.	1.9	462
83	Linking diel patterns in community respiration to bacterioplankton in an oligotrophic high-elevation lake. <i>Limnology and Oceanography</i> , 2011, 56, 540-550.	1.6	50
84	Carbon dioxide and methane emissions from interfluvial wetlands in the upper Negro River basin, Brazil. <i>Biogeochemistry</i> , 2011, 105, 171-183.	1.7	61
85	Spatial and Temporal Variability in the Ecosystem Metabolism of a High-elevation Lake: Integrating Benthic and Pelagic Habitats. <i>Ecosystems</i> , 2011, 14, 1123-1140.	1.6	42
86	Improving biogeochemical knowledge through technological innovation. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 37-43.	1.9	4
87	Riverine carbon dioxide release. <i>Nature Geoscience</i> , 2011, 4, 821-822.	5.4	18
88	Depth-integrated estimates of ecosystem metabolism in a high-elevation lake (Emerald Lake, Sierra) Tj ETQq0 0,0rgBT /Oyerlock 10	1.6	49
89	Geospatial analysis of spatiotemporal patterns of pH, total suspended sediment and chlorophyll-a on the Amazon floodplain. <i>Limnology</i> , 2010, 11, 155-166.	0.8	35
90	Longitudinal and seasonal variation of stream N uptake in an urbanizing watershed: effect of organic matter, stream size, transient storage and debris dams. <i>Biogeochemistry</i> , 2010, 98, 45-62.	1.7	21

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91	Longitudinal assessment of the effect of concentration on stream N uptake rates in an urbanizing watershed. <i>Biogeochemistry</i> , 2010, 98, 63-74.	1.7	16
92	Spatial and temporal variability of macrophyte cover and productivity in the eastern Amazon floodplain: A remote sensing approach. <i>Remote Sensing of Environment</i> , 2010, 114, 1998-2010.	4.6	76
93	Seasonal water storage on the Amazon floodplain measured from satellites. <i>Remote Sensing of Environment</i> , 2010, 114, 2448-2456.	4.6	119
94	Remote Sensing of the Distribution and Extent of Wetlands in the Amazon Basin. <i>Ecological Studies</i> , 2010, , 43-59.	0.4	131
95	Adding an empirical factor to better represent the rewetting pulse mechanism in a soil biogeochemical model. <i>Geoderma</i> , 2010, 159, 440-451.	2.3	25
96	Assessment of two biomass estimation methods for aquatic vegetation growing on the Amazon Floodplain. <i>Aquatic Botany</i> , 2010, 92, 161-167.	0.8	20
97	Seasonal variation in nitrogen uptake and turnover in two high-elevation soils: mineralization responses are site-dependent. <i>Biogeochemistry</i> , 2009, 93, 253-270.	1.7	40
98	Annual net primary production of macrophytes in the eastern Amazon floodplain. <i>Wetlands</i> , 2009, 29, 747-758.	0.7	36
99	Water and chemical budgets at the catchment scale including nutrient exports from intact forests and disturbed landscapes. <i>Geophysical Monograph Series</i> , 2009, , 505-524.	0.1	9
100	Ecophysiology of forest and savanna vegetation. <i>Geophysical Monograph Series</i> , 2009, , 463-484.	0.1	25
101	Contrasting the influences of stream inputs and landscape position on bacterioplankton community structure and dissolved organic matter composition in high-elevation lake chains. <i>Limnology and Oceanography</i> , 2009, 54, 1292-1305.	1.6	56
102	Lakes and reservoirs as regulators of carbon cycling and climate. <i>Limnology and Oceanography</i> , 2009, 54, 2298-2314.	1.6	1,977
103	Floodplain ecosystem processes. <i>Geophysical Monograph Series</i> , 2009, , 525-541.	0.1	54
104	Remote sensing of aquatic vegetation: theory and applications. <i>Environmental Monitoring and Assessment</i> , 2008, 140, 131-145.	1.3	245
105	Impacts of Climate Variability and Land Use Alterations on Frequency Distributions of Terrestrial Runoff Loading to Coastal Waters in Southern California ¹ . <i>Journal of the American Water Resources Association</i> , 2008, 44, 62-74.	1.0	28
106	High rates of net primary production and turnover of floating grasses on the Amazon floodplain: implications for aquatic respiration and regional CO ₂ flux. <i>Global Change Biology</i> , 2008, 14, 369-381.	4.2	49
107	Biogeochemical legacy of prescribed fire in a giant sequoia-mixed conifer forest: A 16-year record of watershed balances. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	16
108	CO ₂ emissions from saline lakes: A global estimate of a surprisingly large flux. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	137

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109	Mechanisms for nutrient delivery to the inner shelf: Observations from the Santa Barbara Channel. <i>Limnology and Oceanography</i> , 2007, 52, 1748-1766.	1.6	96
110	Spatial and temporal complexity of the Amazon flood measured from space. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	151
111	Modeling large-scale inundation of Amazonian seasonally flooded wetlands. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	177
112	Mineralization responses at near-zero temperatures in three alpine soils. <i>Biogeochemistry</i> , 2007, 84, 233-245.	1.7	37
113	Characterizing patterns of plant distribution in a southern California salt marsh using remotely sensed topographic and hyperspectral data and local tidal fluctuations. <i>Remote Sensing of Environment</i> , 2007, 110, 226-239.	4.6	67
114	The global abundance and size distribution of lakes, ponds, and impoundments. <i>Limnology and Oceanography</i> , 2006, 51, 2388-2397.	1.6	1,426
115	Decadal-scale Dynamics of Water, Carbon and Nitrogen in a California Chaparral Ecosystem: DAYCENT Modeling Results. <i>Biogeochemistry</i> , 2006, 77, 217-245.	1.7	41
116	Seasonal changes in chlorophyll distributions in Amazon floodplain lakes derived from MODIS images. <i>Limnology</i> , 2006, 7, 153-161.	0.8	69
117	Santa Barbara Coastal Long Term Ecological Research (LTER): Nutrient Concentrations in Coastal Streams and Variations with Land Use in the Carpinteria Valley, California. , 2005, , 811.		0
118	Episodic rewetting enhances carbon and nitrogen release from chaparral soils. <i>Soil Biology and Biochemistry</i> , 2005, 37, 2195-2204.	4.2	305
119	Understanding and modeling basin hydrology: interpreting the hydrogeological signature. <i>Hydrological Processes</i> , 2005, 19, 1333-1353.	1.1	38
120	Steps towards modeling nutrient export in coastal Californian streams with a Mediterranean climate. <i>Agricultural Water Management</i> , 2005, 77, 144-158.	2.4	17
121	Diffusion modeling of recessional flow on central Amazonian floodplains. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	36
122	Regionalization of methane emissions in the Amazon Basin with microwave remote sensing. <i>Global Change Biology</i> , 2004, 10, 530-544.	4.2	212
123	Seasonal inundation patterns in two large savanna floodplains of South America: the Llanos de Moxos(Bolivia) and the Llanos del Orinoco(Venezuela and Colombia). <i>Hydrological Processes</i> , 2004, 18, 2103-2116.	1.1	148
124	Association between atmospheric circulation patterns and firn-ice core records from the Inilchek glacierized area, central Tien Shan, Asia. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	54
125	Multidecadal hydrochemical response of a Sierra Nevada watershed: sensitivity to weathering rate and changes in deposition. <i>Journal of Hydrology</i> , 2004, 285, 272-285.	2.3	19
126	Mechanisms underlying export of N from high-elevation catchments during seasonal transitions. <i>Biogeochemistry</i> , 2003, 64, 1-24.	1.7	100

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127	Dual-season mapping of wetland inundation and vegetation for the central Amazon basin. Remote Sensing of Environment, 2003, 87, 404-428.	4.6	496
128	IMPACTS OF CALIFORNIA'S CLIMATIC REGIMES AND COASTAL LAND USE CHANGE ON STREAMFLOW CHARACTERISTICS. Journal of the American Water Resources Association, 2003, 39, 1419-1433.	1.0	80
129	Evidence for nutrient enrichment of high-elevation lakes in the Sierra Nevada, California. Limnology and Oceanography, 2003, 48, 1885-1892.	1.6	119
130	Geocoded digital videography for validation of land cover mapping in the Amazon basin. International Journal of Remote Sensing, 2002, 23, 1527-1555.	1.3	39
131	Comparison of inundation patterns among major South American floodplains. Journal of Geophysical Research, 2002, 107, LBA 5-1.	3.3	190
132	Landscape indicators of human impacts to riverine systems. , 2002, 64, 118-128.		325
133	Outgassing from Amazonian rivers and wetlands as a large tropical source of atmospheric CO ₂ . Nature, 2002, 416, 617-620.	13.7	911
134	Title is missing!. Biogeochemistry, 2002, 57, 341-374.	1.7	62
135	Processes regulating the solute concentrations of snowmelt runoff in two subalpine catchments of the Sierra Nevada, California. Water Resources Research, 2001, 37, 1993-2008.	1.7	18
136	Nitrogen mass balances and abiotic controls on N retention and yield in high-elevation catchments of the Sierra Nevada, California, United States. Water Resources Research, 2001, 37, 1445-1461.	1.7	70
137	Water level changes in a large Amazon lake measured with spaceborne radar interferometry and altimetry. Geophysical Research Letters, 2001, 28, 2671-2674.	1.5	112
138	Spatial Scaling of Hydrological and Biogeochemical Aspects of High-Altitude Catchments in the Sierra Nevada, California, U.S.A.. Arctic, Antarctic, and Alpine Research, 2001, 33, 391-396.	0.4	5
139	Precipitation and atmospheric circulation patterns at mid-latitudes of Asia. International Journal of Climatology, 2001, 21, 535-556.	1.5	311
140	Airborne remote sensing of chlorophyll distributions in Mono Lake, California. Hydrobiologia, 2001, 466, 31-38.	1.0	8
141	Biogeochemistry of Amazon Floodplain Lakes and Associated Wetlands. , 2001, , .		69
142	Spatial Scaling of Hydrological and Biogeochemical Aspects of High-Altitude Catchments in the Sierra Nevada, California, U.S.A.. Arctic, Antarctic, and Alpine Research, 2001, 33, 391.	0.4	8
143	Interferometric radar measurements of water level changes on the Amazon flood plain. Nature, 2000, 404, 174-177.	13.7	277
144	Title is missing!. Biogeochemistry, 2000, 51, 71-90.	1.7	74

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145	Decomposition and carbon cycling of dead trees in tropical forests of the central Amazon. <i>Oecologia</i> , 2000, 122, 380-388.	0.9	360
146	The impact of accelerating land-use change on the N-Cycle of tropical aquatic ecosystems: Current conditions and projected changes. <i>Biogeochemistry</i> , 1999, 46, 109-148.	1.7	209
147	Nitrogen yields from undisturbed watersheds in the Americas. <i>Biogeochemistry</i> , 1999, 46, 149-162.	1.7	143
148	Nitrogen yields from undisturbed watersheds in the Americas. <i>Biogeochemistry</i> , 1999, 46, 149-162.	1.7	64
149	Composition and deposition of throughfall in a flooded forest archipelago. <i>Biogeochemistry</i> , 1999, 45, 169-195.	1.7	31
150	Episodic lake acidification in the Sierra Nevada, California. <i>Water Resources Research</i> , 1999, 35, 2793-2804.	1.7	14
151	The onset of meromixis during restoration of Mono Lake, California: Unintended consequences of reducing water diversions. <i>Limnology and Oceanography</i> , 1998, 43, 706-711.	1.6	52
152	Climatic and Hydrologic Changes in the Tien Shan, Central Asia. <i>Journal of Climate</i> , 1997, 10, 1393-1404.	1.2	319
153	An anoxic event and other biogeochemical effects of the Pantanal wetland on the Paraguay River. <i>Limnology and Oceanography</i> , 1997, 42, 257-272.	1.6	132
154	Snow Distribution and Melt in Central Tien Shan, Susamir Valley. <i>Arctic and Alpine Research</i> , 1997, 29, 403.	1.3	8
155	Freshwater Ecosystems: Revitalizing Educational Programs in Limnology. <i>Eos</i> , 1997, 78, 552-557.	0.1	7
156	Glacial regime of the highest Tien Shan mountain, Pobeda-Khan Tengry massif. <i>Journal of Glaciology</i> , 1997, 43, 503-512.	1.1	0
157	Glacial regime of the highest Tien Shan mountain, Pobeda-Khan Tengry massif. <i>Journal of Glaciology</i> , 1997, 43, 503-512.	1.1	36
158	Title is missing!. <i>Biogeochemistry</i> , 1997, 37, 111-144.	1.7	39
159	Solute export from forested and partially deforested catchments in the central Amazon. <i>Biogeochemistry</i> , 1997, 38, 67-102.	1.7	129
160	Title is missing!. <i>Biogeochemistry</i> , 1997, 38, 303-335.	1.7	95
161	Title is missing!. <i>Biogeochemistry</i> , 1997, 39, 225-253.	1.7	43
162	The use of imaging radars for ecological applications—a review. <i>Remote Sensing of Environment</i> , 1997, 59, 141-156.	4.6	390

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165	Organic matter accumulation in sediments of hypersaline Mono Lake during a period of changing salinity. <i>Limnology and Oceanography</i> , 1996, 41, 1539-1544.	1.6	44
166	Sensitivity of vertical mixing in a large saline lake to variations in runoff. <i>Limnology and Oceanography</i> , 1996, 41, 955-965.	1.6	38
167	Isotopic measurements of precipitation on central Asian glaciers (southeastern Tibet, northern) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	3.3	85
168	Simulation of the effect of methane bubble plumes on vertical mixing in Mono Lake. <i>Aquatic Sciences</i> , 1996, 58, 210-223.	0.6	8
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179	Remote sensing of lakes and floodplains in the Amazon basin. <i>International Journal of Remote Sensing</i> , 1994, 10, 127-142.	1.1	29
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