

Chad A Larson

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

562
citations

759233

12
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

814
citing authors

#	ARTICLE	IF	CITATIONS
1	Current distributions and future climate-driven changes in diatoms, insects and fish in U.S. streams. <i>Global Ecology and Biogeography</i> , 2021, 30, 63-78.	5.8	24
2	The impacts of nutrient supply and imbalance on subcontinental co-occurrence networks and metacommunity composition of stream algae. <i>Ecography</i> , 2021, 44, 1109-1120.	4.5	2
3	Niche dimensionality and herbivory control stream algal biomass via shifts in guild composition, richness, and evenness. <i>Ecology</i> , 2019, 100, e02831.	3.2	15
4	Toxic Burdens of Freshwater Biofilms and Use as a Source Tracking Tool in Rivers and Streams. <i>Environmental Science & Technology</i> , 2019, 53, 11102-11111.	10.0	16
5	Overwinter survival of crustacean diapausing cysts: Brine shrimp (<i>Artemia franciscana</i>) in Great Salt Lake, Utah. <i>Limnology and Oceanography</i> , 2019, 64, 2538-2549.	3.1	3
6	The first statewide stream macroinvertebrate bioassessment in Washington State with a relative risk and attributable risk analysis for multiple stressors. <i>Ecological Indicators</i> , 2019, 102, 175-185.	6.3	9
7	Iron limitation effects on nitrogen-fixing organisms with possible implications for cyanobacterial blooms. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	25
8	Biogeographical Patterns of Species Richness and Abundance Distribution in Stream Diatoms Are Driven by Climate and Water Chemistry. <i>American Naturalist</i> , 2018, 192, 605-617.	2.1	14
9	Flow pulses and fine sediments degrade stream macroinvertebrate communities in King County, Washington, USA. <i>Ecological Indicators</i> , 2018, 93, 365-378.	6.3	4
10	A Large-Scale, Multiagency Approach to Defining a Reference Network for Pacific Northwest Streams. <i>Environmental Management</i> , 2016, 58, 1091-1104.	2.7	6
11	The number of limiting resources in the environment controls the temporal diversity patterns in the algal benthos. <i>Microbial Ecology</i> , 2016, 72, 64-69.	2.8	10
12	Iron supply constrains producer communities in stream ecosystems. <i>FEMS Microbiology Ecology</i> , 2015, 91, .	2.7	15
13	The Great Salt Lake Ecosystem (Utah, USA): long term data and a structural equation approach: Reply. <i>Ecosphere</i> , 2014, 5, 1-4.	2.2	0
14	Salinity and nutrients influence species richness and evenness of phytoplankton communities in microcosm experiments from Great Salt Lake, Utah, USA. <i>Journal of Plankton Research</i> , 2013, 35, 1154-1166.	1.8	77
15	Rates of Species Accumulation and Taxonomic Diversification during Phototrophic Biofilm Development Are Controlled by both Nutrient Supply and Current Velocity. <i>Applied and Environmental Microbiology</i> , 2013, 79, 2054-2060.	3.1	17
16	Taxonomic and functional composition of the algal benthos exhibits similar successional trends in response to nutrient supply and current velocity. <i>FEMS Microbiology Ecology</i> , 2012, 80, 352-362.	2.7	43
17	Succession in Stream Biofilms is an Environmentally Driven Gradient of Stress Tolerance. <i>Microbial Ecology</i> , 2011, 62, 414-424.	2.8	76
18	The Great Salt Lake Ecosystem (Utah, USA): long term data and a structural equation approach. <i>Ecosphere</i> , 2011, 2, art33.	2.2	87

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19	SPECTRAL FINGERPRINTING OF ALGAL COMMUNITIES: A NOVEL APPROACH TO BIOFILM ANALYSIS AND BIOMONITORING. <i>Journal of Phycology</i> , 2005, 41, 439-446.	2.3	28
20	Experimental Studies of Extinction Dynamics. <i>Science</i> , 1999, 286, 1175-1177.	12.6	90
21	Strong but heterogeneous distributional responses to climate change are projected for temperate and semi-arid stream vertebrates. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 0, , .	2.0	1