

Ryan S King

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,709
citations

361413

20
h-index

302126

39
g-index

41
all docs

41
docs citations

41
times ranked

2404
citing authors

#	ARTICLE	IF	CITATIONS
1	Compensatory dynamics of lotic algae break down nonlinearly with increasing nutrient enrichment. <i>Ecology</i> , 2022, 103, e3613.	3.2	1
2	Regional, seasonal and age class blubber fatty acid signature analysis of harbour seals in Alaska from 1997 to 2010. , 2021, 9, .		1
3	Periphyton, bivalves and fish differentially accumulate select pharmaceuticals in effluent-dependent stream mesocosms. <i>Science of the Total Environment</i> , 2020, 745, 140882.	8.0	14
4	Low-level dissolved organic carbon subsidies drive a trophic upsurge in a boreal stream. <i>Freshwater Biology</i> , 2020, 65, 920-934.	2.4	6
5	Leaf litter identity alters the timing of lotic nutrient dynamics. <i>Freshwater Biology</i> , 2019, 64, 2247-2259.	2.4	13
6	Effects of stream velocity and phosphorus concentrations on alkaline phosphatase activity and carbon:phosphorus ratios in periphyton. <i>Hydrobiologia</i> , 2019, 826, 173-182.	2.0	10
7	Titanium dioxide nanoparticle exposure reduces algal biomass and alters algal assemblage composition in wastewater effluent-dominated stream mesocosms. <i>Science of the Total Environment</i> , 2018, 626, 357-365.	8.0	25
8	Spatial, temporal and experimental: Three study design cornerstones for establishing defensible numeric criteria in freshwater ecosystems. <i>Journal of Applied Ecology</i> , 2018, 55, 2114-2123.	4.0	21
9	A Metagenome-Based Investigation of Gene Relationships for Non-Substrate-Associated Microbial Phosphorus Cycling in the Water Column of Streams and Rivers. <i>Microbial Ecology</i> , 2018, 76, 856-865.	2.8	5
10	Microbial Community Structure and Function Decoupling Across a Phosphorus Gradient in Streams. <i>Microbial Ecology</i> , 2018, 75, 64-73.	2.8	33
11	Freshwater eutrophication drives sharp reductions in temporal beta diversity. <i>Ecology</i> , 2018, 99, 47-56.	3.2	89
12	Nitrogen Subsidies from Hillslope Alder Stands to Streamside Wetlands and Headwater Streams, Kenai Peninsula, Alaska. <i>Journal of the American Water Resources Association</i> , 2017, 53, 478-492.	2.4	13
13	Low-level addition of dissolved organic carbon increases basal ecosystem function in a boreal headwater stream. <i>Ecosphere</i> , 2017, 8, e01739.	2.2	17
14	Linking the Abundance of Estuarine Fish and Crustaceans in Nearshore Waters to Shoreline Hardening and Land Cover. <i>Estuaries and Coasts</i> , 2017, 40, 1464-1486.	2.2	23
15	Effects of pulsed atrazine exposures on autotrophic community structure, biomass, and production in field-based stream mesocosms. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 660-675.	4.3	30
16	From a line in the sand to a landscape of decisions: a hierarchical diversity decision framework for estimating and communicating biodiversity loss along anthropogenic gradients. <i>Methods in Ecology and Evolution</i> , 2015, 6, 795-805.	5.2	4
17	A Primer on Sampling Plant Communities in Wetlands. <i>Soil Science Society of America Book Series</i> , 2015, , 197-223.	0.3	1
18	Ecoregional, catchment, and reach-scale environmental factors shape functional-trait structure of stream fish assemblages. <i>Hydrobiologia</i> , 2015, 753, 265-283.	2.0	38

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19	Controls on Temperature in Salmonid-Bearing Headwater Streams in Two Common Hydrogeologic Settings, Kenai Peninsula, Alaska. <i>Journal of the American Water Resources Association</i> , 2015, 51, 84-98.	2.4	21
20	Nonlinear response of stream ecosystem structure to low-level phosphorus enrichment. <i>Freshwater Biology</i> , 2014, 59, 969-984.	2.4	52
21	Thermal Tolerance, Survival, and Recruitment of Cyprinids Exposed to Competition and Chronic Heat Stress in Experimental Streams. <i>Transactions of the American Fisheries Society</i> , 2014, 143, 1028-1036.	1.4	1
22	Of TITAN and straw men: an appeal for greater understanding of community data. <i>Freshwater Science</i> , 2013, 32, 489-506.	1.8	51
23	Genetic Analysis Reveals Dispersal of Florida Bass Haplotypes from Reservoirs to Rivers in Central Texas. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 1269-1273.	1.4	14
24	Fish-mediated nutrient cycling and benthic microbial processes: can consumers influence stream nutrient cycling at multiple spatial scales?. <i>Freshwater Science</i> , 2012, 31, 928-944.	1.8	15
25	Divergent responses of biomass and enzyme activities suggest differential nutrient limitation in stream periphyton. <i>Freshwater Science</i> , 2012, 31, 1096-1104.	1.8	19
26	Coupling Fish Community Structure with Instream Flow and Habitat Connectivity between Two Hydrologically Extreme Years. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 1000-1015.	1.4	14
27	Grazing minnows increase benthic autotrophy and enhance the response of periphyton elemental composition to experimental phosphorus additions. <i>Freshwater Science</i> , 2012, 31, 451-462.	1.8	17
28	Landscape and Wetland Influences on Headwater Stream Chemistry in the Kenai Lowlands, Alaska. <i>Wetlands</i> , 2012, 32, 301-310.	1.5	23
29	Multiple Scales of Influence on Wetland Vegetation Associated with Headwater Streams in Alaska, USA. <i>Wetlands</i> , 2012, 32, 411-422.	1.5	10
30	Alder cover drives nitrogen availability in Kenai lowland headwater streams, Alaska. <i>Biogeochemistry</i> , 2012, 107, 135-148.	3.5	40
31	Multiscale Environmental Influences on Fish Assemblage Structure in Central Texas Streams. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 1409-1427.	1.4	39
32	How novel is too novel? Stream community thresholds at exceptionally low levels of catchment urbanization. , 2011, 21, 1659-1678.		136
33	Considerations for analyzing ecological community thresholds in response to anthropogenic environmental gradients. <i>Journal of the North American Benthological Society</i> , 2010, 29, 998-1008.	3.1	117
34	Thresholds, breakpoints, and nonlinearity in freshwaters as related to management. <i>Journal of the North American Benthological Society</i> , 2010, 29, 988-997.	3.1	157
35	A new method for detecting and interpreting biodiversity and ecological community thresholds. <i>Methods in Ecology and Evolution</i> , 2010, 1, 25-37.	5.2	391
36	Nitrogen fixation and phosphatase activity in periphyton growing on nutrient diffusing substrata: evidence for differential nutrient limitation in stream periphyton. <i>Journal of the North American Benthological Society</i> , 2009, 28, 57-68.	3.1	45

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37	Response to Comment on "Estimating Ecological Thresholds for Phosphorus in the Everglades". Environmental Science & Technology, 2008, 42, 6772-6773.	10.0	3
38	Subsidy stress response of macroinvertebrate community biomass to a phosphorus gradient in an oligotrophic wetland ecosystem. Journal of the North American Benthological Society, 2007, 26, 491-508.	3.1	43
39	Threshold effects of coastal urbanization on <i>Phragmites australis</i> (common reed) abundance and foliar nitrogen in Chesapeake Bay. Estuaries and Coasts, 2007, 30, 469-481.	2.2	103
40	Watershed Land Use Is Strongly Linked to PCBs in White Perch in Chesapeake Bay Subestuaries. Environmental Science & Technology, 2004, 38, 6546-6552.	10.0	53