

John E Brittain

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,285
citations

361413

20
h-index

233421

45
g-index

57
all docs

57
docs citations

57
times ranked

2012
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological correlates of riverine diatom and macroinvertebrate alpha and beta diversity across Arctic Fennoscandia. <i>Freshwater Biology</i> , 2022, 67, 49-63.	2.4	17
2	Spatial and temporal variation in Arctic freshwater chemistryâ€”Reflecting climateâ€”induced landscape alterations and a changing template for biodiversity. <i>Freshwater Biology</i> , 2022, 67, 14-29.	2.4	20
3	Temperature and spatial connectivity drive patterns in freshwater macroinvertebrate diversity across the Arctic. <i>Freshwater Biology</i> , 2022, 67, 159-175.	2.4	19
4	Effects of pollution-induced changes in oxygen conditions scaling up from individuals to ecosystems in a tropical river network. <i>Science of the Total Environment</i> , 2022, 814, 151958.	8.0	5
5	Continental Atlantic Rivers: the Seine Basin. , 2022, , 293-332.		14
6	Rivers of the Balkans. , 2022, , 595-655.		5
7	Diverging life cycle patterns of two <i>Diamesa</i> species (Diptera, Chironomidae) in High Arctic streams, Svalbard. <i>Polar Biology</i> , 2022, 45, 285-296.	1.2	1
8	Hydropowerâ€”driven thermal changes, biological responses and mitigating measures in northern river systems. <i>River Research and Applications</i> , 2021, 37, 743-765.	1.7	14
9	A global perspective on the application of riverine macroinvertebrates as biological indicators in Africa, South-Central America, Mexico and Southern Asia. <i>Ecological Indicators</i> , 2021, 126, 107609.	6.3	44
10	A comparative study of macroinvertebrate biodiversity in highway stormwater ponds and natural ponds. <i>Science of the Total Environment</i> , 2020, 740, 140029.	8.0	15
11	Rivers need floods: Management lessons learnt from the regulation of the Norwegian salmon river, SuldalslÅ¥gen. <i>River Research and Applications</i> , 2019, 35, 1181-1191.	1.7	9
12	Impact of environmental factors on aquatic biodiversity in roadside stormwater ponds. <i>Scientific Reports</i> , 2019, 9, 5994.	3.3	27
13	Functional diversity and community assembly of river invertebrates show globally consistent responses to decreasing glacier cover. <i>Nature Ecology and Evolution</i> , 2018, 2, 325-333.	7.8	71
14	Aquatic biodiversity in sedimentation ponds receiving road runoff â€” What are the key drivers?. <i>Science of the Total Environment</i> , 2018, 610-611, 1527-1535.	8.0	18
15	Glacier shrinkage driving global changes in downstream systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9770-9778.	7.1	381
16	A melting glacier feeds aquatic and terrestrial invertebrates with ancient carbon and supports early succession. <i>Arctic, Antarctic, and Alpine Research</i> , 2016, 48, 551-562.	1.1	16
17	Order Ephemeroptera. , 2015, , 873-891.		73
18	Contributors to Volume I. , 2015, , xix-xxii.		1

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19	Mayfly and stonefly species traits and species composition reflect hydrological regulation: a meta-analysis. <i>Freshwater Science</i> , 2013, 32, 425-437.	1.8	10
20	The Norwegian reference lake ecosystem, Åvre Heimdalsvatn. <i>Hydrobiologia</i> , 2010, 642, 5-12.	2.0	12
21	Long-term trends and variation in ¹³⁷ Cs activity concentrations in brown trout (<i>Salmo trutta</i>) from Åvre Heimdalsvatn, a Norwegian subalpine lake. <i>Hydrobiologia</i> , 2010, 642, 107-113.	2.0	34
22	Long-term changes in the littoral benthos of a Norwegian subalpine lake following the introduction of the European minnow (<i>Phoxinus phoxinus</i>). <i>Hydrobiologia</i> , 2010, 642, 71-79.	2.0	16
23	The brown trout (<i>Salmo trutta</i>) in the lake, Åvre Heimdalsvatn: long-term changes in population dynamics due to exploitation and the invasive species, European minnow (<i>Phoxinus phoxinus</i>). <i>Hydrobiologia</i> , 2010, 642, 81-91.	2.0	20
24	Diet overlap between introduced European minnow (<i>Phoxinus phoxinus</i>) and young brown trout (<i>Salmo trutta</i>) in the lake, Åvre Heimdalsvatn: a result of abundant resources or forced niche overlap?. <i>Hydrobiologia</i> , 2010, 642, 93-100.	2.0	25
25	A long-term study of catchment inputs of ¹³⁷ Cs to a subalpine lake in the form of allochthonous terrestrial plant material. <i>Hydrobiologia</i> , 2010, 642, 101-106.	2.0	6
26	A long-term study of catchment inputs of ¹³⁷ Cs to a subalpine lake in the form of allochthonous terrestrial plant material. , 2010, , 101-106.		0
27	Long-term changes in the littoral benthos of a Norwegian subalpine lake following the introduction of the European minnow (<i>Phoxinus phoxinus</i>). , 2010, , 71-79.		0
28	The Norwegian reference lake ecosystem, Åvre Heimdalsvatn. , 2010, , 5-12.		0
29	Long-term trends and variation in ¹³⁷ Cs activity concentrations in brown trout (<i>Salmo trutta</i>) from Åvre Heimdalsvatn, a Norwegian subalpine lake. , 2010, , 107-113.		0
30	Arctic Rivers. , 2009, , 337-379.		9
31	Life cycle shifts in <i>Baetis rhodani</i> (Ephemeroptera) in the Norwegian mountains. <i>Aquatic Insects</i> , 2009, 31, 283-291.	0.9	13
32	Review and assessment of models for predicting the migration of radionuclides from catchments. <i>Journal of Environmental Radioactivity</i> , 2004, 75, 83-103.	1.7	44
33	Review and assessment of models used to predict the fate of radionuclides in lakes. <i>Journal of Environmental Radioactivity</i> , 2003, 69, 177-205.	1.7	43
34	Ecology of glacier-fed rivers: current status and concepts. <i>Freshwater Biology</i> , 2001, 46, 1571-1578.	2.4	88
35	The macroinvertebrate communities of two contrasting Norwegian glacial rivers in relation to environmental variables. <i>Freshwater Biology</i> , 2001, 46, 1723-1736.	2.4	37
36	Macrobenthic invertebrate richness and composition along a latitudinal gradient of European glacier-fed streams. <i>Freshwater Biology</i> , 2001, 46, 1811-1831.	2.4	135

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37	Trends of macroinvertebrate community structure in glacier-fed rivers in relation to environmental conditions: a synthesis. <i>Freshwater Biology</i> , 2001, 46, 1833-1847.	2.4	231
38	A generic dynamic model of Cs-137 turnover in Nordic Lakes. <i>Journal of Environmental Radioactivity</i> , 1997, 37, 175-191.	1.7	7
39	Modelling of radiocesium in lakes – the VAMP model. <i>Journal of Environmental Radioactivity</i> , 1996, 33, 255-308.	1.7	33
40	REMEDIAL STRATEGIES IN REGULATED RIVERS: INTRODUCTORY REMARKS. <i>River Research and Applications</i> , 1996, 12, 347-351.	0.8	7
41	Life cycle of <i>Arctopsyche ladogensis</i> (trichoptera) in a regulated Norwegian river. <i>River Research and Applications</i> , 1995, 10, 71-79.	0.8	1
42	Radiocaesium in the sediments of Åvre Heimdalsvatn, a Norwegian subalpine lake. <i>Journal of Environmental Radioactivity</i> , 1995, 27, 1-11.	1.7	18
43	Effect of a changed temperature regime on the benthos of a norwegian regulated river. <i>River Research and Applications</i> , 1994, 9, 93-102.	0.8	38
44	1.2. General Summary and Conclusions. <i>Studies in Environmental Science</i> , 1994, 62, 7-20.	0.0	7
45	2.1. Introduction to Aquatic Ecosystems. <i>Studies in Environmental Science</i> , 1994, 62, 23-28.	0.0	2
46	2.2. The Characterization of Radiocaesium Transport and Retentions Nordic Lakes. <i>Studies in Environmental Science</i> , 1994, 62, 29-44.	0.0	5
47	Improvement of fish habitat in a Norwegian river channelization scheme. <i>River Research and Applications</i> , 1993, 8, 189-194.	0.8	8
48	Winter transport of Chernobyl radionuclides from a montane catchment to an ice-covered lake. <i>Analyst</i> , 1992, 117, 515-519.	3.5	23
49	Radiocesium in brown trout (<i>Salmo trutta</i>) from a subalpine Lake ecosystem after the chernobyl reactor accident. <i>Journal of Environmental Radioactivity</i> , 1991, 14, 181-191.	1.7	41
50	Life History Strategies in Ephemeroptera and Plecoptera. , 1990, , 1-12.		77
51	A review of the effect of river regulation on mayflies (Ephemeroptera). <i>River Research and Applications</i> , 1989, 3, 191-204.	0.8	96
52	Egg development, nymphal growth and life cycle strategies in Plecoptera. <i>Ecography</i> , 1989, 12, 173-186.	4.5	21
53	Stoneflies and River Regulation – A Review. , 1987, , 117-129.		15
54	Biology of Mayflies. <i>Annual Review of Entomology</i> , 1982, 27, 119-147.	11.8	352

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55	Experimental studies on nymphal growth in <i>Leptophlebia vespertina</i> (L.) (Ephemeroptera). <i>Freshwater Biology</i> , 1976, 6, 445-449.	2.4	33
56	The biology and life cycle of <i>Nemoura avicularis</i> Morton (Plecoptera). <i>Freshwater Biology</i> , 1973, 3, 199-210.	2.4	28