

Janne Soinen

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

10,486
citations

31976

53
h-index

38395

95
g-index

170
all docs

170
docs citations

170
times ranked

9522
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthropogenic land use impacts on the size structure of macroinvertebrate assemblages are jointly modulated by local conditions and spatial processes. <i>Environmental Research</i> , 2022, 204, 112055.	7.5	12
2	A global agenda for advancing freshwater biodiversity research. <i>Ecology Letters</i> , 2022, 25, 255-263.	6.4	95
3	Observing diatom diversity and community composition along environmental gradients in subarctic mountain ponds. <i>Freshwater Biology</i> , 2022, 67, 731-741.	2.4	4
4	The application of Uniform Manifold Approximation and Projection (UMAP) for unconstrained ordination and classification of biological indicators in aquatic ecology. <i>Science of the Total Environment</i> , 2022, 815, 152365.	8.0	22
5	Pathways for cross-boundary effects of biodiversity on ecosystem functioning. <i>Trends in Ecology and Evolution</i> , 2022, 37, 454-467.	8.7	34
6	Differences in diversity and community assembly processes between planktonic and benthic diatoms in the upper reach of the Jinsha River, China. <i>Hydrobiologia</i> , 2022, 849, 1577-1591.	2.0	9
7	Embracing mountain microbiome and ecosystem functions under global change. <i>New Phytologist</i> , 2022, 234, 1987-2002.	7.3	57
8	Studying biodiversity-ecosystem function relationships in experimental microcosms among islands. <i>Ecology</i> , 2022, , e3664.	3.2	3
9	Altitude and temperature drive anuran community assembly in a Neotropical mountain region. <i>Biotropica</i> , 2022, 54, 607-618.	1.6	3
10	Distance decay 2.0 – A global synthesis of taxonomic and functional turnover in ecological communities. <i>Global Ecology and Biogeography</i> , 2022, 31, 1399-1421.	5.8	40
11	Ecological networks of dissolved organic matter and microorganisms under global change. <i>Nature Communications</i> , 2022, 13, .	12.8	66
12	Microbial and Environmental Processes Shape the Link between Organic Matter Functional Traits and Composition. <i>Environmental Science & Technology</i> , 2022, 56, 10504-10516.	10.0	27
13	Regional and local environment drive biogeographic patterns in intertidal microorganisms. <i>Journal of Biogeography</i> , 2022, 49, 1576-1585.	3.0	3
14	The scale-dependence of spatial distribution of reservoir plankton communities in subtropical and tropical China. <i>Science of the Total Environment</i> , 2022, 845, 157179.	8.0	12
15	Beta diversity of stream insects differs between boreal and subtropical regions, but land use does not generally cause biotic homogenization. <i>Freshwater Science</i> , 2021, 40, 53-64.	1.8	20
16	Biodiversity Loss Threatens the Current Functional Similarity of Beta Diversity in Benthic Diatom Communities. <i>Microbial Ecology</i> , 2021, 81, 293-303.	2.8	9
17	Does trait-based joint species distribution modelling reveal the signature of competition in stream macroinvertebrate communities?. <i>Journal of Animal Ecology</i> , 2021, 90, 1276-1287.	2.8	11
18	Snow information is required in subcontinental scale predictions of mountain plant distributions. <i>Global Ecology and Biogeography</i> , 2021, 30, 1502-1513.	5.8	8

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19	Are Bacterio- and Phytoplankton Community Compositions Related in Lakes Differing in Their Cyanobacteria Contribution and Physico-Chemical Properties?. <i>Genes</i> , 2021, 12, 855.	2.4	3
20	Cross-taxon congruence of aquatic microbial communities across geological ages in Iceland: Stochastic and deterministic processes. <i>Science of the Total Environment</i> , 2021, 774, 145103.	8.0	2
21	Clumpy coexistence in phytoplankton: the role of functional similarity in community assembly. <i>Oikos</i> , 2021, 130, 1583-1597.	2.7	5
22	Taxonomic and functional diversity covary in rock pool microalgal communities despite their different drivers. <i>Ecology and Evolution</i> , 2021, 11, 11852-11873.	1.9	2
23	Disentangling the relative roles of natural and anthropogenic-induced stressors in shaping benthic ciliate diversity in a heavily disturbed bay. <i>Science of the Total Environment</i> , 2021, 801, 149683.	8.0	4
24	Dispersalâ€“niche continuum index: a new quantitative metric for assessing the relative importance of dispersal versus niche processes in community assembly. <i>Ecography</i> , 2021, 44, 370-379.	4.5	38
25	Ecological processes underlying community assembly of aquatic bacteria and macroinvertebrates under contrasting climates on the Tibetan Plateau. <i>Science of the Total Environment</i> , 2020, 702, 134974.	8.0	15
26	Partial decoupling between exotic fish and habitat constraints remains evident in late invasion stages. <i>Aquatic Sciences</i> , 2020, 82, 1.	1.5	5
27	Downstream transport processes modulate the effects of environmental heterogeneity on riverine phytoplankton. <i>Science of the Total Environment</i> , 2020, 703, 135519.	8.0	16
28	Temperature drives local contributions to beta diversity in mountain streams: Stochastic and deterministic processes. <i>Global Ecology and Biogeography</i> , 2020, 29, 420-432.	5.8	30
29	Sampling effort and information quality provided by rare and common species in estimating assemblage structure. <i>Ecological Indicators</i> , 2020, 110, 105937.	6.3	22
30	Diversity and distribution across a large environmental and spatial gradient: Evaluating the taxonomic and functional turnover, transitions and environmental drivers of benthic diatom communities. <i>Global Ecology and Biogeography</i> , 2020, 29, 2214-2228.	5.8	12
31	Elements of metacommunity structure of diatoms and macroinvertebrates within stream networks differing in environmental heterogeneity. <i>Journal of Biogeography</i> , 2020, 47, 1755-1764.	3.0	12
32	Environmental Factors Override Dispersal-Related Factors in Shaping Diatom and Macroinvertebrate Communities Within Stream Networks in China. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	26
33	Climate mediates continental scale patterns of stream microbial functional diversity. <i>Microbiome</i> , 2020, 8, 92.	11.1	28
34	A metacommunity approach for detecting species influenced by mass effect. <i>Journal of Applied Ecology</i> , 2020, 57, 2031-2040.	4.0	15
35	Metacommunity Structure of Stream Insects across Three Hierarchical Spatial scales. <i>Ecology and Evolution</i> , 2020, 10, 2874-2884.	1.9	16
36	Taxonomic dependency of beta diversity components in benthic communities of bacteria, diatoms and chironomids along a water-depth gradient. <i>Science of the Total Environment</i> , 2020, 741, 140462.	8.0	23

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37	Stable Seasonal and Annual Alpha Diversity of Benthic Diatom Communities Despite Changing Community Composition. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	8
38	Community size can affect the signals of ecological drift and niche selection on biodiversity. <i>Ecology</i> , 2020, 101, e03014.	3.2	50
39	Stream diatom assemblages as environmental indicators – A cross-regional assessment. <i>Ecological Indicators</i> , 2020, 113, 106183.	6.3	21
40	A Metacommunity Approach to Improve Biological Assessments in Highly Dynamic Freshwater Ecosystems. <i>BioScience</i> , 2020, 70, 427-438.	4.9	64
41	Stream diatoms exhibit weak niche conservatism along global environmental and climatic gradients. <i>Ecography</i> , 2019, 42, 346-353.	4.5	14
42	Fifteen important questions in the spatial ecology of diatoms. <i>Freshwater Biology</i> , 2019, 64, 2071-2083.	2.4	42
43	Local and regional drivers of taxonomic homogenization in stream communities along a land use gradient. <i>Global Ecology and Biogeography</i> , 2019, 28, 1597-1609.	5.8	21
44	The Diversity of Benthic Diatoms Affects Ecosystem Productivity in Heterogeneous Coastal Environments. <i>Bulletin of the Ecological Society of America</i> , 2019, 100, e01597.	0.2	0
45	Does catchment geodiversity foster stream biodiversity?. <i>Landscape Ecology</i> , 2019, 34, 2469-2485.	4.2	28
46	The three Rs of river ecosystem resilience: Resources, recruitment, and refugia. <i>River Research and Applications</i> , 2019, 35, 107-120.	1.7	86
47	The diversity of benthic diatoms affects ecosystem productivity in heterogeneous coastal environments. <i>Ecology</i> , 2019, 100, e02765.	3.2	34
48	Are drivers of microbial diatom distributions context dependent in human-impacted and pristine environments?. <i>Ecological Applications</i> , 2019, 29, e01917.	3.8	5
49	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. <i>Ecological Monographs</i> , 2019, 89, e01370.	5.4	290
50	New insights into the distribution of alien cyanobacterium <i>Chrysochloris bergii</i> (Nostocales). <i>Journal of Phycology</i> , 2019, 55, 100-107.	1.0	7
51	Diatom diversity in streams increases with spatial scale and decreases with nutrient enrichment across regional to subcontinental scales. <i>Journal of Biogeography</i> , 2019, 46, 734-744.	3.0	26
52	Diversity patterns of native and exotic fish species suggest homogenization processes, but partly fail to highlight extinction threats. <i>Diversity and Distributions</i> , 2019, 25, 983-994.	4.1	30
53	High diatom species turnover in a Baltic Sea rock pool metacommunity. <i>Marine Biodiversity</i> , 2019, 49, 2887-2899.	1.0	7
54	Exotic species invasions undermine regional functional diversity of freshwater fish. <i>Scientific Reports</i> , 2019, 9, 17921.	3.3	41

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55	Elevational patterns and hierarchical determinants of biodiversity across microbial taxonomic scales. <i>Molecular Ecology</i> , 2019, 28, 86-99.	3.9	34
56	Understanding environmental change through the lens of trait-based, functional, and phylogenetic biodiversity in freshwater ecosystems. <i>Environmental Reviews</i> , 2019, 27, 263-273.	4.5	57
57	A meta-analysis of nestedness and turnover components of beta diversity across organisms and ecosystems. <i>Global Ecology and Biogeography</i> , 2018, 27, 96-109.	5.8	306
58	Towards understanding the abundance of non-pollen palynomorphs: A comparison of fossil algae, algal pigments and sedaDNA from temperate lake sediments. <i>Review of Palaeobotany and Palynology</i> , 2018, 249, 9-15.	1.5	21
59	Beta diversity of diatom species and ecological guilds: Response to environmental and spatial mechanisms along the stream watercourse. <i>Freshwater Biology</i> , 2018, 63, 62-73.	2.4	103
60	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
61	Local environment and space drive multiple facets of stream macroinvertebrate beta diversity. <i>Journal of Biogeography</i> , 2018, 45, 2744-2754.	3.0	82
62	Cell size and acid tolerance constrain pond diatom distributions in the subarctic. <i>Freshwater Biology</i> , 2018, 63, 1569-1578.	2.4	16
63	Subtropical streams harbour higher genus richness and lower abundance of insects compared to boreal streams, but scale matters. <i>Journal of Biogeography</i> , 2018, 45, 1983-1993.	3.0	38
64	Tropical stream diatom communities – The importance of headwater streams for regional diversity. <i>Ecological Indicators</i> , 2018, 95, 183-193.	6.3	19
65	Regional and global elevational patterns of microbial species richness and evenness. <i>Ecography</i> , 2017, 40, 393-402.	4.5	79
66	Integrating dispersal proxies in ecological and environmental research in the freshwater realm. <i>Environmental Reviews</i> , 2017, 25, 334-349.	4.5	88
67	Disentangling multi-scale environmental effects on stream microbial communities. <i>Journal of Biogeography</i> , 2017, 44, 1512-1523.	3.0	34
68	Local and geographical factors jointly drive elevational patterns in three microbial groups across subarctic ponds. <i>Global Ecology and Biogeography</i> , 2017, 26, 973-982.	5.8	34
69	Thermal barriers constrain microbial elevational range size via climate variability. <i>Environmental Microbiology</i> , 2017, 19, 3283-3296.	3.8	12
70	Unravelling direct and indirect effects of hierarchical factors driving microbial stream communities. <i>Journal of Biogeography</i> , 2017, 44, 2376-2385.	3.0	21
71	Distribution of invasive <i>Cylindrospermopsis raciborskii</i> in the East-Central Europe is driven by climatic and local environmental variables. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	36
72	Local environment and connectivity are the main drivers of diatom species composition and trait variation in a set of tropical reservoirs. <i>Freshwater Biology</i> , 2017, 62, 1551-1563.	2.4	40

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73	Environmental filtering and taxonomic relatedness underlie the species richness–evenness relationship. <i>Hydrobiologia</i> , 2017, 787, 243-253.	2.0	13
74	Metacommunity ecology meets biogeography: effects of geographical region, spatial dynamics and environmental filtering on community structure in aquatic organisms. <i>Oecologia</i> , 2017, 183, 121-137.	2.0	107
75	Distribution patterns of epilithic diatoms along climatic, spatial and physicochemical variables in the Baltic Sea. <i>Helgoland Marine Research</i> , 2017, 71, .	1.3	7
76	The roles of elevation and local environmental factors as drivers of diatom diversity in subarctic streams. <i>Freshwater Biology</i> , 2016, 61, 1509-1521.	2.4	45
77	Beta diversity of stream diatoms at two hierarchical spatial scales: implications for biomonitoring. <i>Freshwater Biology</i> , 2016, 61, 239-250.	2.4	27
78	Global patterns and drivers of species and trait composition in diatoms. <i>Global Ecology and Biogeography</i> , 2016, 25, 940-950.	5.8	139
79	Climate is an important driver for stream diatom distributions. <i>Global Ecology and Biogeography</i> , 2016, 25, 198-206.	5.8	39
80	Nutrient enrichment modifies temperature-biodiversity relationships in large-scale field experiments. <i>Nature Communications</i> , 2016, 7, 13960.	12.8	196
81	Temporal variation in community–environment relationships and stream classifications in benthic diatoms: Implications for bioassessment. <i>Limnologica</i> , 2016, 58, 11-19.	1.5	15
82	Biotic turnover rates during the Pleistocene-Holocene transition. <i>Quaternary Science Reviews</i> , 2016, 151, 100-110.	3.0	28
83	Stream diatom assemblages as predictors of climate. <i>Freshwater Biology</i> , 2016, 61, 876-886.	2.4	9
84	Calibrating aquatic microfossil proxies with regression-tree ensembles: Cross-validation with modern chironomid and diatom data. <i>Holocene</i> , 2016, 26, 1040-1048.	1.7	10
85	Spatial structure in ecological communities – a quantitative analysis. <i>Oikos</i> , 2016, 125, 160-166.	2.7	76
86	Diatom Cooccurrence Shows Less Segregation than Predicted from Niche Modeling. <i>PLoS ONE</i> , 2016, 11, e0154581.	2.5	22
87	Dispersal traits drive the phylogenetic distance decay of similarity in Neotropical stream metacommunities. <i>Journal of Biogeography</i> , 2015, 42, 2101-2111.	3.0	72
88	A comparative analysis of metacommunity types in the freshwater realm. <i>Ecology and Evolution</i> , 2015, 5, 1525-1537.	1.9	70
89	Metacommunity organisation, spatial extent and dispersal in aquatic systems: patterns, processes and prospects. <i>Freshwater Biology</i> , 2015, 60, 845-869.	2.4	717
90	The effects of local, buffer zone and geographical variables on lake plankton metacommunities. <i>Hydrobiologia</i> , 2015, 743, 175-188.	2.0	15

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91	Toward More Integrated Ecosystem Research in Aquatic and Terrestrial Environments. <i>BioScience</i> , 2015, 65, 174-182.	4.9	124
92	Variation in stream diatom communities in relation to water quality and catchment variables in a boreal, urbanized region. <i>Science of the Total Environment</i> , 2015, 530-531, 279-289.	8.0	43
93	Elements of metacommunity structure and communityâ€environment relationships in stream organisms. <i>Freshwater Biology</i> , 2015, 60, 973-988.	2.4	58
94	Woodland key habitats and stream biodiversity: Does small-scale terrestrial conservation enhance the protection of stream biota?. <i>Biological Conservation</i> , 2014, 170, 10-19.	4.1	27
95	Phytoplankton richness is related to nutrient availability, not to pool size, in a subarctic rock pool system. <i>Hydrobiologia</i> , 2014, 740, 137-145.	2.0	18
96	A quantitative analysis of species sorting across organisms and ecosystems. <i>Ecology</i> , 2014, 95, 3284-3292.	3.2	134
97	Predictability in species distributions: a global analysis across organisms and ecosystems. <i>Global Ecology and Biogeography</i> , 2014, 23, 1264-1274.	5.8	25
98	Do spatial patterns of benthic diatom assemblages vary across regions and years?. <i>Freshwater Science</i> , 2014, 33, 402-416.	1.8	33
99	Effects of connectivity, dispersal directionality and functional traits on the metacommunity structure of river benthic diatoms. <i>Journal of Biogeography</i> , 2013, 40, 2238-2248.	3.0	112
100	<i>Aphanizomenon gracile</i> (Nostocales), a cylindrospermopsin-producing cyanobacterium in Polish lakes. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5243-5264.	5.3	70
101	Habitat species pools for phylogenetic structure in microbes. <i>Environmental Microbiology Reports</i> , 2013, 5, 464-467.	2.4	12
102	Stochastic species distributions are driven by organism size. <i>Ecology</i> , 2013, 94, 660-670.	3.2	66
103	Phylogenetic beta diversity in bacterial assemblages across ecosystems: deterministic versus stochastic processes. <i>ISME Journal</i> , 2013, 7, 1310-1321.	9.8	515
104	Temporal variation of diatom assemblages in oligotrophic and eutrophic streams. <i>European Journal of Phycology</i> , 2013, 48, 141-151.	2.0	18
105	The Effect of Positive Interactions on Temporal Turnover of Community Composition along an Environmental Gradient. <i>PLoS ONE</i> , 2013, 8, e78698.	2.5	4
106	Is catchment productivity a useful predictor of taxa richness in lake plankton communities?. <i>Ecological Applications</i> , 2012, 22, 624-633.	3.8	30
107	Analysis of nestedness in freshwater assemblagesâ€™ patterns across species and trophic levels. <i>Freshwater Science</i> , 2012, 31, 1145-1155.	1.8	16
108	The roles of environment and space in shaping stream diatom communities. <i>European Journal of Phycology</i> , 2012, 47, 160-168.	2.0	31

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109	Environmental factors related to the occurrence of <i>Cylindrospermopsis raciborskii</i> (Nostocales, Cyanophyta) at the north-eastern limit of its geographical range. <i>European Journal of Phycology</i> , 2012, 47, 12-21.	2.0	52
110	Distance Decay of Similarity in Neotropical Diatom Communities. <i>PLoS ONE</i> , 2012, 7, e45071.	2.5	105
111	The relationship between species richness and evenness: a meta-analysis of studies across aquatic ecosystems. <i>Oecologia</i> , 2012, 169, 803-809.	2.0	52
112	Distance decay of similarity in freshwater communities: do macro- and microorganisms follow the same rules?. <i>Global Ecology and Biogeography</i> , 2012, 21, 365-375.	5.8	281
113	Macroecology of unicellular organisms – patterns and processes. <i>Environmental Microbiology Reports</i> , 2012, 4, 10-22.	2.4	119
114	Phylogenetic clustering increases with elevation for microbes. <i>Environmental Microbiology Reports</i> , 2012, 4, 217-226.	2.4	144
115	Context dependency and metacommunity structuring in boreal headwater streams. <i>Oikos</i> , 2012, 121, 537-544.	2.7	159
116	Patterns of elevational beta diversity in micro- and macroorganisms. <i>Global Ecology and Biogeography</i> , 2012, 21, 743-750.	5.8	97
117	Making more out of sparse data: hierarchical modeling of species communities. <i>Ecology</i> , 2011, 92, 289-295.	3.2	195
118	Disentangling the spatial patterns in community composition of prokaryotic and eukaryotic lake plankton. <i>Limnology and Oceanography</i> , 2011, 56, 508-520.	3.1	134
119	Expanding the ecological niche approach: Relationships between variability in niche position and species richness. <i>Ecological Complexity</i> , 2011, 8, 130-137.	2.9	12
120	Productivity-Diversity Relationships in Lake Plankton Communities. <i>PLoS ONE</i> , 2011, 6, e22041.	2.5	64
121	Contrasting patterns in elevational diversity between microorganisms and macroorganisms. <i>Journal of Biogeography</i> , 2011, 38, 595-603.	3.0	142
122	IS TEMPORAL OCCURRENCE OF DIATOMS RELATED TO SPECIES TRAITS, LOCAL ABUNDANCE, AND REGIONAL DISTRIBUTION? <i>Journal of Phycology</i> , 2011, 47, 1445-1453.	2.3	15
123	Relative importance of spatial processes and environmental factors in shaping alpine meadow communities. <i>Journal of Plant Ecology</i> , 2011, 4, 249-258.	2.3	24
124	Geographical patterns of micro-organismal community structure: are diatoms ubiquitously distributed across boreal streams?. <i>Oikos</i> , 2010, 119, 129-137.	2.7	141
125	Warming leads to higher species turnover in a coastal ecosystem. <i>Global Change Biology</i> , 2010, 16, 1181-1193.	9.5	106
126	Species Turnover along Abiotic and Biotic Gradients: Patterns in Space Equal Patterns in Time?. <i>BioScience</i> , 2010, 60, 433-439.	4.9	96

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127	Are common species sufficient in describing turnover in aquatic metacommunities along environmental and spatial gradients?. <i>Limnology and Oceanography</i> , 2010, 55, 2397-2402.	3.1	63
128	A quantitative analysis of temporal turnover in aquatic species assemblages across ecosystems. <i>Ecology</i> , 2010, 91, 508-517.	3.2	181
129	The ecology of the invasive cyanobacterium <i>Cylindrospermopsis raciborskii</i> (Nostocales, Cyanophyta) in two hypereutrophic lakes dominated by <i>Planktothrix agardhii</i> (Oscillatoriales, Cyanophyta). <i>European Journal of Phycology</i> , 2010, 45, 365-374.	2.0	60
130	IS DIATOM DIVERSITY DRIVEN BY PRODUCTIVITY IN BOREAL STREAMS?. <i>Diatom Research</i> , 2009, 24, 197-207.	1.2	16
131	Diatom community structure along environmental and spatial gradients in lakes and streams. <i>Fundamental and Applied Limnology</i> , 2009, 174, 205-213.	0.7	53
132	Diatoms: unicellular surrogates for macroalgal community structure in streams?. <i>Biodiversity and Conservation</i> , 2009, 18, 79-89.	2.6	16
133	Local "regional diversity relationship varies with spatial scale in lotic diatoms. <i>Journal of Biogeography</i> , 2009, 36, 720-727.	3.0	28
134	Surveying biodiversity in protected and managed areas: Algae, macrophytes and macroinvertebrates in boreal forest streams. <i>Ecological Indicators</i> , 2009, 9, 1179-1187.	6.3	41
135	High beta diversity of bacteria in the shallow terrestrial subsurface. <i>Environmental Microbiology</i> , 2008, 10, 2537-2549.	3.8	36
136	The Ecological Characteristics of Idiosyncratic and Nested Diatoms. <i>Protist</i> , 2008, 159, 65-72.	1.5	29
137	Temporal variation in phytoplankton in two lakes with contrasting disturbance regimes. <i>Fundamental and Applied Limnology</i> , 2008, 171, 39-48.	0.7	5
138	Are higher taxa adequate surrogates for species-level assemblage patterns and species richness in stream organisms?. <i>Biological Conservation</i> , 2007, 137, 78-89.	4.1	217
139	A MULTIVARIATE ANALYSIS OF BETA DIVERSITY ACROSS ORGANISMS AND ENVIRONMENTS. <i>Ecology</i> , 2007, 88, 2830-2838.	3.2	230
140	ENVIRONMENTAL AND SPATIAL CONTROL OF FRESHWATER DIATOMS "A REVIEW. <i>Diatom Research</i> , 2007, 22, 473-490.	1.2	184
141	Disentangling distance decay of similarity from richness gradients: response to Baselga (2007). <i>Ecography</i> , 2007, 30, 842-844.	4.5	16
142	Neutrality, niches, and determinants of plankton metacommunity structure across boreal wetland ponds. <i>Ecoscience</i> , 2007, 14, 146-154.	1.4	97
143	The distance decay of similarity in ecological communities. <i>Ecography</i> , 2007, 30, 3-12.	4.5	829
144	Variation in Niche Parameters along the Diversity Gradient of Unicellular Eukaryote Assemblages. <i>Protist</i> , 2007, 158, 181-191.	1.5	27

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145	The distance decay of similarity in ecological communities. <i>Ecography</i> , 2007, 30, 3-12.	4.5	26
146	Regional diatom body size distributions in streams: Does size vary along environmental, spatial and diversity gradients?. <i>Ecoscience</i> , 2006, 13, 271-274.	1.4	12
147	LOCAL AND REGIONAL COEXISTENCE OF DIATOMS ON THE MECHANISMS PROMOTING HIGH LOCAL DIATOM SPECIES RICHNESS. <i>Diatom Research</i> , 2006, 21, 217-223.	1.2	3
148	Regional occupancy in unicellular eukaryotes: a reflection of niche breadth, habitat availability or size-related dispersal capacity?. <i>Freshwater Biology</i> , 2006, 51, 672-685.	2.4	69
149	Latitudinal gradients in niche breadth and position regional patterns in freshwater fish. <i>Die Naturwissenschaften</i> , 2006, 93, 246-250.	1.6	25
150	Relationships between local population persistence, local abundance and regional occupancy of species: distribution patterns of diatoms in boreal streams. <i>Journal of Biogeography</i> , 2005, 32, 1971-1978.	3.0	67
151	Assembly rules and community models for unicellular organisms: patterns in diatoms of boreal streams. <i>Freshwater Biology</i> , 2005, 50, 567-577.	2.4	60
152	Phytoplankton community assembly in a large boreal lake - deterministic pathways or chaotic fluctuations?. <i>Freshwater Biology</i> , 2005, 50, 2076-2086.	2.4	10
153	Assessing the current related heterogeneity and diversity patterns of benthic diatom communities in a turbid and a clear water river. <i>Aquatic Ecology</i> , 2005, 38, 495-501.	1.5	12
154	The relationship between species richness and taxonomic distinctness in freshwater organisms. <i>Limnology and Oceanography</i> , 2005, 50, 978-986.	3.1	84
155	Seasonal persistence and stability of diatom communities in rivers: are there habitat specific differences?. <i>European Journal of Phycology</i> , 2004, 39, 153-160.	2.0	68
156	Benthic diatom communities in boreal streams: community structure in relation to environmental and spatial gradients. <i>Ecography</i> , 2004, 27, 330-342.	4.5	196
157	Comparative study of monitoring South-Finnish rivers and streams using macroinvertebrate and benthic diatom community structure. <i>Aquatic Ecology</i> , 2004, 38, 63-75.	1.5	68
158	Assessing the current related heterogeneity and diversity patterns of benthic diatom communities in a turbid and a clear water river. <i>Aquatic Ecology</i> , 2004, 38, 495-501.	1.5	24
159	Determinants of Benthic Diatom Community Structure in Boreal Streams: the Role of Environmental and Spatial Factors at Different Scales. <i>International Review of Hydrobiology</i> , 2004, 89, 139-150.	0.9	35
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161	Responses of Epilithic Diatom Communities to Environmental Gradients in Some Finnish Rivers. <i>International Review of Hydrobiology</i> , 2002, 87, 11.	0.9	51
162	Ecological status of some Finnish rivers evaluated using benthic diatom communities. <i>Journal of Applied Phycology</i> , 2002, 14, 1-7.	2.8	77

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163	Inferring the phosphorus levels of rivers from benthic diatoms using weighted averaging. <i>Fundamental and Applied Limnology</i> , 2002, 154, 1-18.	0.7	29
164	Diatom biogeography in freshwaters – new insights from between-region comparisons and the role of unmeasured environmental factors. <i>Diatom Research</i> , 0, , 1-8.	1.2	2