GÃ¶ran Englund

List of Publications by Year
in descending order

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78 papers	4,850 citations	117625 34 h-index	98798 67 g-index
78 all docs	78 docs citations	78 times ranked	5921 citing authors

#	Article	IF	Citations
1	Reply to Comment on â€˜Climate mitigation forestryâ€”temporal trade-offsâ€™. Environmental Research Letters, 2022, 17, 048002.	5.2	1
2	Lake Sedimentary DNA Research on Past Terrestrial and Aquatic Biodiversity: Overview and Recommendations. Quaternary, 2021, 4, 6.	2.0	121
3	Predatorâ€“prey overlap in three dimensions: cod benefit from capelin coming near the seafloor. Ecography, 2021, 44, 802-815.	4.5	4
4	Tracking mineral and geochemical characteristics of Holocene lake sediments: the case of Hotagen, west-central Sweden. Journal of Soils and Sediments, 2021, 21, 3150-3168.	3.0	9
5	Climate mitigation forestryâ€”temporal trade-offs. Environmental Research Letters, 2021, 16, 114037.	5.2	31
6	Ecological speciation in European whitefish is driven by a large-gaped predator. Evolution Letters, 2020, 4, 243-256.	3.3	15
7	Geochemical identification of potential DNA-hotspots and DNA-infrared fingerprints in lake sediments. Applied Geochemistry, 2020, 122, 104728.	3.0	19
8	Integrating dispersal along freshwater ecosystems into species distribution models. Diversity and Distributions, 2020, 26, 1598-1611.	4.1	5
9	Holocene extinctions of a top predatorâ€”Effects of time, habitat area and habitat subdivision. Journal of Animal Ecology, 2020, 89, 1202-1215.	2.8	3
10	A way forward with eco evo devo: an extended theory of resource polymorphism with postglacial fishes as model systems. Biological Reviews, 2019, 94, 1786-1808.	10.4	88
11	Biotic and abiotic drivers of species loss rate in isolated lakes. Journal of Animal Ecology, 2019, 88, 881-891.	2.8	8
12	Estimating species colonization dates using <scp>DNA</scp> in lake sediment. Methods in Ecology and Evolution, 2018, 9, 535-543.	5.2	31
13	Environmental DNA Time Series in Ecology. Trends in Ecology and Evolution, 2018, 33, 945-957.	8.7	152
14	Effects of warming on predatorâ€“prey interactions â€“ a resourceâ€based approach and a theoretical synthesis. Ecology Letters, 2017, 20, 513-523.	6.4	126
15	Failed and successful intentional introductions of fish species into 821 Swedish lakes. Ecology, 2016, 97, 1364-1364.	3.2	6
16	Strong invaders are strong defenders â€“ implications for theÂresistance of invaded communities. Ecology Letters, 2016, 19, 487-494.	6.4	35
17	Non-native and native organisms moving into high elevation and high latitude ecosystems in an era of climate change: new challenges for ecology and conservation. Biological Invasions, 2016, 18, 345-353.	2.4	127
18	Weighted species richness outperforms species richness as predictorÂof biotic resistance. Ecology, 2016, 97, 262-271.	3.2	17

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19	Biotic resistance in freshwater fish communities: species richness, saturation or species identity?. Oikos, 2015, 124, 1058-1064.	2.7	21
20	Space race functional responses. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142121.	2.6	3
21	Temperature dependence of predation depends on the relative performance of predators and prey. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142254.	2.6	78
22	Assessing anthropogenic impact on boreal lakes with historical fish species distribution data and hydrogeochemical modeling. Global Change Biology, 2014, 20, 2752-2764.	9.5	16
23	Fish introductions reveal the temperature dependence of species interactions. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132641.	2.6	51
24	Population-level consequences of heterospecific density-dependent movements in predatorâ€“prey systems. Journal of Theoretical Biology, 2014, 342, 93-106.	1.7	7
25	The birth and death of lakes on young landscapes. Geophysical Research Letters, 2013, 40, 1340-1344.	4.0	11
26	THE DYNAMICAL MODELS OF ACTIVATED SLUDGE SYSTEM: STOCHASTIC CELLULAR AUTOMATON AND DIFFERENTIAL EQUATIONS. International Journal of Biomathematics, 2012, 05, 1250048.	2.9	0
27	Innate responses of mallard ducklings towards aerial, aquatic and terrestrial predators. Behaviour, 2012, 149, 1299-1317.	0.8	12
28	Future Distribution of Arctic Char Salvelinus alpinus in Sweden under Climate Change: Effects of Temperature, Lake Size and Species Interactions. Ambio, 2012, 41, 303-312.	5.5	45
29	Temperature dependence of the functional response. Ecology Letters, 2011, 14, 914-921.	6.4	328
30	Functional responses and scaling in predator-prey interactions of marine fishes: contemporary issues and emerging concepts. Ecology Letters, 2011, 14, 1288-1299.	6.4	129
31	Direct and indirect effects of area, energy and habitat heterogeneity on breeding bird communities. Journal of Biogeography, 2011, 38, 1186-1196.	3.0	25
32	Pike predation affects breeding success and habitat selection of ducks. Freshwater Biology, 2011, 56, 579-589.	2.4	14
33	Dispersal through stream networks: modelling climateâ€driven range expansions of fishes. Diversity and Distributions, 2011, 17, 641-651.	4.1	37
34	Diet specialization in a fluctuating population of Saduria entomon: a consequence of resource or forager densities?. Oikos, 2011, 120, 848-854.	2.7	30
35	Morphological and genetic divergence in Swedish postglacial stickleback (Pungitius pungitius) populations. BMC Evolutionary Biology, 2011, 11, 287.	3.2	23
36	Presence of fish affects lake use and breeding success in ducks. Hydrobiologia, 2010, 641, 215-223.	2.0	24

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37	Increased ecoefficiency and gross rebound effect: Evidence from USA and six European countries 1960â€“2002. Ecological Economics, 2009, 68, 879-887.	5.7	59
38	Predation leads to assembly rules in fragmented fish communities. Ecology Letters, 2009, 12, 663-671.	6.4	54
39	Scaling up the functional response for spatially heterogeneous systems. Ecology Letters, 2008, 11, 440-449.	6.4	74
40	Contrasting effects of anthropogenic and natural acidity in streams: a meta-analysis. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1143-1148.	2.6	38
41	Habitat specialization, body size, and family identity explain lepidopteran density-area relationships in a cross-continental comparison. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8368-8373.	7.1	74
42	Topâ€down and bottomâ€up effects on the spatiotemporal dynamics of cereal aphids: testing scaling theory for local density. Oikos, 2007, 116, 1995-2006.	2.7	23
43	Scale dependence of immigration rates: models, metrics and data. Journal of Animal Ecology, 2007, 76, 30-35.	2.8	76
44	Network connectivity and dispersal barriers: using geographical information system (GIS) tools to predict landscape scale distribution of a key predator (Esox lucius) among lakes. Journal of Applied Ecology, 2007, 44, 1127-1137.	4.0	56
45	Plugging Space into Predatorâ€Prey Models: An Empirical Approach. American Naturalist, 2006, 167, 246-259.	2.1	35
46	Species abundance models and patterns in dragonfly communities: effects of fish predators. Oikos, 2006, 114, 27-36.	2.7	24
47	Experimental scale and precipitation modify effects of nitrogen addition on a plant pathogen. Journal of Ecology, 2006, 94, 227-233.	4.0	34
48	Associations between water chemistry and fish community composition: a comparison between isolated and connected lakes in northern Sweden. Freshwater Biology, 2006, 51, 510-522.	2.4	27
49	Patch area, population density and the scaling of migration rates: the resource concentration hypothesis revisited. Ecology Letters, 2005, 8, 1057-1065.	6.4	182
50	Scale dependent effects of predatory fish on stream benthos. Oikos, 2005, 111, 19-30.	2.7	21
51	Dimensional approaches to designing better experimental ecosystems: a practitioners guide with examples. Oecologia, 2005, 145, 215-223.	2.0	35
52	Spatial scale, heterogeneity and functional responses. Journal of Animal Ecology, 2004, 73, 487-493.	2.8	29
53	Scale-dependence of movement rates in stream invertebrates. Oikos, 2004, 105, 31-40.	2.7	27
54	SCALE DEPENDENCE OF EMIGRATION RATES. Ecology, 2004, 85, 320-327.	3.2	34

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55	Testing models of trophic dynamics: The problem of translating from model to nature. Austral Ecology, 2003, 28, 61-69.	1.5	6
56	Effects of light and microcrustacean prey on growth and investment in carnivory in Utricularia vulgaris. Freshwater Biology, 2003, 48, 786-794.	2.4	32
57	Scale effects and extrapolation in ecological experiments. Advances in Ecological Research, 2003, 33, 161-213.	2.7	141
58	Small-scale spatial structure of Baltic Sea zoobenthosâ€"inferring processes from patterns. Journal of Experimental Marine Biology and Ecology, 2002, 281, 123-136.	1.5	39
59	Estimating predation rates in experimental systems: scale-dependent effects of aggregative behaviour. Oikos, 2002, 97, 251-259.	2.7	30
60	The functional response of a predatory plant preying on swarming zooplankton. Oikos, 2001, 94, 175-181.	2.7	16
61	Application of a model of scale dependence to quantify scale domains in open predation experiments. Oikos, 2001, 92, 501-514.	2.7	43
62	Habitat use by crayfish in stream pools: influence of predators, depth and body size. Freshwater Biology, 2000, 43, 75-83.	2.4	142
63	Effects of Fish on the Local Abundance of Crayfish in Stream Pools. Oikos, 1999, 87, 48.	2.7	54
64	THE IMPORTANCE OF DATA-SELECTION CRITERIA: META-ANALYSES OF STREAM PREDATION EXPERIMENTS. Ecology, 1999, 80, 1132-1141.	3.2	146
65	Interactions between Sculpins, Net-Spinning Caddis Larvae and Midge Larvae. Oikos, 1999, 85, 117.	2.7	16
66	Emergent impacts of multiple predators on prey. Trends in Ecology and Evolution, 1998, 13, 350-355.	8.7	1,097
67	IMPORTANCE OF SPATIAL SCALE AND PREY MOVEMENTS IN PREDATOR CAGING EXPERIMENTS. Ecology, 1997, 78, 2316-2325.	3.2	122
68	Effects of flow regulation on bryophytes in north Swedish rivers. Biological Conservation, 1997, 79, 79-86.	4.1	35
69	Using predictive models to estimate effects of flow regulation on netâ€spinning caddis larvae in North Swedish rivers. Freshwater Biology, 1997, 37, 687-697.	2.4	12
70	EFFECTS OF FLOW REGULATION, HABITAT AREA AND ISOLATION ON THE MACROINVERTEBRATE FAUNA OF RAPIDS IN NORTH SWEDISH RIVERS. River Research and Applications, 1996, 12, 433-445.	0.8	62
71	Effects of hydropower-induced flow perturbations on mayfly (Ephemeroptera) richness and abundance in north Swedish river rapids. Hydrobiologia, 1996, 341, 145-158.	2.0	22
72	EFFECTS OF FLOW REGULATION, HABITAT AREA AND ISOLATION ON THE MACROINVERTEBRATE FAUNA OF RAPIDS IN NORTH SWEDISH RIVERS. River Research and Applications, 1996, 12, 433-445.	0.8	6

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73	A predator-prey game between bullheads and case-making caddis larvae. Animal Behaviour, 1995, 50, 785-792.	1.9	40
74	Asymmetric competition between distant taxa: poecilid fishes and water striders. Oecologia, 1992, 92, 498-502.	2.0	22
75	Asymmetric resource competition in a filter-feeding stream insect (Hydropsyche siltalai; Trichoptera). Freshwater Biology, 1991, 26, 425-432.	2.4	21
76	Effects of ownership status, weight asymmetry, and case fit on the outcome of case contests in two populations of Agrypnia pagetana (Trichoptera : Phryganeidae) larvae. Behavioral Ecology and Sociobiology, 1991, 29, 113-120.	1.4	46
77	Effects of Disturbance on Stream Moss and Invertebrate Community Structure. Journal of the North American Benthological Society, 1991, 10, 143-153.	3.1	86
78	Fighting and assessment in the net-spinning caddis larva Arctopsyche ladogensis: a test of the sequential assessment game. Animal Behaviour, 1990, 39, 55-62.	1.9	60