Jill Lancaster

List of Publications by Year
in descending order

59 papers	2,873 citations	218677 26 h-index	175258 52 g-index
60 all docs	60 docs citations	60 times ranked	2526 citing authors

#	Article	IF	Citations
1	Assembly Rules within a Contingent Ecology. Oikos, 1999, 86, 402.	2.7	437
2	Flow Refugia and the Microdistribution of Lotic Macroinvertebrates. Journal of the North American Benthological Society, 1993, 12, 385-393.	3.1	267
3	Linking the hydraulic world of individual organisms to ecological processes: Putting ecology into ecohydraulics. River Research and Applications, 2010, 26, 385-403.	1.7	139
4	Nested Hierarchies and Scale-Dependence of Mechanisms of Flow Refugium Use. Journal of the North American Benthological Society, 1997, 16, 221-238.	3.1	137
5	Stream hydraulics and the distribution of microcrustacea: a role for refugia?. Freshwater Biology, 1995, 33, 469-484.	2.4	101
6	Geometric scaling of microhabitat patches and their efficacy as refugia during disturbance. Journal of Animal Ecology, 2000, 69, 442-457.	2.8	89
7	Defining the limits to local density: alternative views of abundance-environment relationships. Freshwater Biology, 2006, 51, 783-796.	2.4	87
8	Field experiments on flow refugia in streams. Freshwater Biology, 1997, 37, 569-580.	2.4	85
9	Experimentation at the interface of fluvial geomorphology, stream ecology and hydraulic engineering and the development of an effective, interdisciplinary river science. Earth Surface Processes and Landforms, 2010, 35, 64-77.	2.5	75
10	Small-scale movements of lotic macroinvertebrates with variations in flow. Freshwater Biology, 1999, 41, 605-619.	2.4	74
11	Inferring landscape dynamics of bog pools from scaling relationships and spatial patterns. Journal of Ecology, 2002, 90, 223-234.	4.0	73
12	Intraguild omnivory in predatory stream insects. Journal of Animal Ecology, 2005, 74, 619-629.	2.8	72
13	Scaling the effects of predation and disturbance in a patchy environment. Oecologia, 1996, 107, 321-331.	2.0	67
14	Flow- and substratum-mediated movement by a stream insect. Freshwater Biology, 2006, 51, 1053-1069.	2.4	63
15	Spatial point pattern analysis of available and exploited resources. Ecography, 2004, 27, 94-102.	4.5	62
16	Microcrustacean prey and macroinvertebrate predators in a stream food web. Freshwater Biology, 1995, 34, 123-134.	2.4	61
17	Spatial heterogeneity of near-bed hydraulics above a patch of river gravel. Water Resources Research, 2006, 42, .	4.2	53
18	The ridiculous notion of assessing ecological health and identifying the useful concepts underneath. Human and Ecological Risk Assessment (HERA), 2000, 6, 213-222.	3.4	49

#	Article	IF	Citations
19	Linking landscape patterns of resource distribution with models of aggregation in ovipositing stream insects. Journal of Animal Ecology, 2003, 72, 969-978.	2.8	47
20	Drift and settlement of stream insects in a complex hydraulic environment. Freshwater Biology, 2010, 55, 1020-1035.	2.4	47
21	Environmental constraints on oviposition limit egg supply of a stream insect at multiple scales. Oecologia, 2010, 163, 373-384.	2.0	45
22	Competition for space by predators in streams: field experiments on a net-spinning caddisfly. Freshwater Biology, 1988, 20, 185-193.	2.4	41
23	Lasting effects of maternal behaviour on the distribution of a dispersive stream insect. Journal of Animal Ecology, 2011, 80, 1061-1069.	2.8	41
24	Aseasonality in the abundance and life history of an ecologically dominant freshwater crab in the Rift Valley, Kenya. Freshwater Biology, 2007, 52, 215-225.	2.4	33
25	Does dispersal control population densities in advectionâ€dominated systems? A fresh look at critical assumptions and a direct test. Journal of Animal Ecology, 2010, 79, 235-248.	2.8	32
26	Dispersal traits may reflect dispersal distances, but dispersers may not connect populations demographically. Oecologia, 2017, 184, 171-182.	2.0	30
27	A landscapeâ€scale field experiment reveals the importance of dispersal in a resourceâ€limited metacommunity. Ecology, 2017, 98, 565-575.	3.2	30
28	Oviposition site selectivity of some stream-dwelling caddisflies. Hydrobiologia, 2010, 652, 165-178.	2.0	29
29	Interacting environmental gradients, trade-offs and reversals in the abundance - environment relationships of stream insects: when flow is unimportant. Marine and Freshwater Research, 2009, 60, 259.	1.3	27
30	Barriers to dispersal: The effect of a weir on stream insect drift. River Research and Applications, 2018, 34, 1244-1253.	1.7	26
31	Maternal behaviours may explain riffleâ€scale variations in some stream insect populations. Freshwater Biology, 2014, 59, 502-513.	2.4	25
32	A fresh approach reveals how dispersal shapes metacommunity structure in a humanâ€altered landscape. Journal of Applied Ecology, 2017, 54, 588-598.	4.0	24
33	Populationâ€level responses of stream macroinvertebrates to drying can be densityâ€independent or densityâ€dependent. Freshwater Biology, 2015, 60, 2559-2570.	2.4	23
34	Using neutral landscapes to identify patterns of aggregation across resource points. Ecography, 2006, 29, 385-395.	4.5	22
35	Do pools impede drift dispersal by stream insects?. Freshwater Biology, 2017, 62, 1578-1586.	2.4	21
36	Aquatic versus Terrestrial Insects: Real or Presumed Differences in Population Dynamics?. Insects, 2018, 9, 157.	2.2	20

#	Article	IF	Citations
37	A casting procedure for reproducing coarse-grained sedimentary surfaces. Earth Surface Processes and Landforms, 2003, 28, 787-796.	2.5	18
38	A test of the preferenceâ€“performance hypothesis with stream insects: selective oviposition affects the hatching success of caddisfly eggs. Freshwater Biology, 2013, 58, 2287-2298.	2.4	17
39	Caddisfly egg mass morphology mediates egg predation: potential costs to individuals and populations. Freshwater Biology, 2015, 60, 360-372.	2.4	17
40	AN UNUSUAL TROPHIC SUBSIDY AND SPECIES DOMINANCE IN A TROPICAL STREAM. Ecology, 2008, 89, 2325-2334.	3.2	16
41	Population densities and densityâ€“area relationships in a community with advective dispersal and variable mosaics of resource patches. Oecologia, 2014, 176, 985-996.	2.0	16
42	Itinerant, nomad or invader? A field experiment sheds light on the characteristics of successful dispersers and colonists. Freshwater Biology, 2018, 63, 1394-1406.	2.4	14
43	Plastic and unpredictable responses of stream invertebrates to leaf pack patches across sandy-bottomed streams. Marine and Freshwater Research, 2011, 62, 394.	1.3	14
44	Environmental cues or conspecific attraction as causes for egg mass aggregation in hydrobiosid caddisflies. Hydrobiologia, 2011, 661, 351-362.	2.0	12
45	Egg masses of some streamâ€dwelling caddisflies (Trichoptera: Hydrobiosidae) from Victoria, Australia. Austral Entomology, 2019, 58, 561-568.	1.4	12
46	Sub-lethal effects of disturbance on a predatory net-spinning caddisfly. Freshwater Biology, 2007, 52, 491-499.	2.4	9
47	Terrestrialâ€“aquatic transitions: Local abundances and movements of mature female caddisflies are related to oviposition habits but not flight capability. Freshwater Biology, 2020, 65, 908-919.	2.4	9
48	Avoidance and aggregation create consistent egg distribution patterns of congeneric caddisflies across spatially variable oviposition landscapes. Oecologia, 2020, 192, 375-389.	2.0	7
49	Variations in fecundity over catchment scales: Implications for caddisfly populations spanning a thermal gradient. Freshwater Biology, 2019, 64, 723-734.	2.4	6
50	From Insects to Frogs, Eggâ€“Juvenile Recruitment Can Have Persistent Effects on Population Sizes. Annual Review of Ecology, Evolution, and Systematics, 2021, 52, 67-86.	8.3	6
51	Just add water: rapid assembly of new communities in previously dry riverbeds, and limited long-distance effects on existing communities. Oecologia, 2020, 194, 709-722.	2.0	5
52	Using Fractals to Describe Ecologically Relevant Patterns in Distributions of Large Rocks in Streams. Water Resources Research, 2021, 57, e2021WR029796.	4.2	5
53	Species-specific prevalence of mermithid parasites in populations of six congeneric host caddisflies of<i>Ecnomus</i>McLachlan, 1864 (Trichoptera: Ecnomidae). Aquatic Insects, 2017, 38, 67-78.	0.9	4
54	What is the right scale? Encouraging fruitful engagement for ecology with ecohydraulics. Journal of Ecohydraulics, 2018, 3, 63-76.	3.1	4

#	Article	IF	Citations
55	The U.K. Acid Waters Monitoring Network: a preface. Freshwater Biology, 1996, 36, 129-130.	2.4	3
56	Hydrological controls on oviposition habitat are associated with eggâ€laying phenology of some caddisflies. Freshwater Biology, 2021, 66, 1311-1327.	2.4	3
57	Multiyear resource enrichment creates persistently higher species diversity in a landscapeâ€scale field experiment. Ecology, 2021, 102, e03451.	3.2	3
58	Coexistence of predatory caddisfly species may be facilitated by variations in the morphology of feeding apparatus and diet. Freshwater Biology, 2021, 66, 745-752.	2.4	2
59	Measuring the Hydraulic Landscapes of Stream-Dwelling Invertebrates for Ecological Research. , 0, , 383-406.		1