Per Lundberg

List of Publications by Year
in descending order

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84 papers	4,408 citations	117625 34 h-index	118850 62 g-index
92 all docs	92 docs citations	92 times ranked	4701 citing authors

#	Article	IF	Citations
1	ROBUST DECISION-MAKING UNDER SEVERE UNCERTAINTY FOR CONSERVATION MANAGEMENT. , 2005, 15, 1471-1477.		318
2	Population dynamic consequences of delayed life-history effects. Trends in Ecology and Evolution, 2002, 17, 263-269.	8.7	274
3	The evolution of partial migration in Birds. Trends in Ecology and Evolution, 1988, 3, 172-175.	8.7	229
4	The Spatial Dimension in Population Fluctuations. Science, 1997, 278, 1621-1623.	12.6	173
5	Dispersal, Migration, and Offspring Retention in Saturated Habitats. American Naturalist, 2001, 157, 188-202.	2.1	165
6	A Theory of Partial Migration. American Naturalist, 1993, 142, 59-81.	2.1	155
7	Population variability in space and time. Trends in Ecology and Evolution, 2000, 15, 460-464.	8.7	146
8	Herbivore Avoidance by Association: Vole and Hare Utilization of Woody Plants. Oikos, 1993, 68, 125.	2.7	144
9	Population Variability in Space and Time: The Dynamics of Synchronous Population Fluctuations. Oikos, 1998, 83, 376.	2.7	144
10	Accelerate Synthesis in Ecology and Environmental Sciences. BioScience, 2009, 59, 699-701.	4.9	132
11	Herbivory and Tree Stand Composition: Moose Patch Use in Winter. Ecology, 1991, 72, 1350-1357.	3.2	112
12	Recruitment of Members from the Rare Biosphere of Marine Bacterioplankton Communities after an Environmental Disturbance. Applied and Environmental Microbiology, 2012, 78, 1361-1369.	3.1	102
13	SEXUALLY TRANSMITTED DISEASE AND THE EVOLUTION OF MATING SYSTEMS. Evolution; International Journal of Organic Evolution, 2002, 56, 1091-1100.	2.3	101
14	Partial bird migration and evolutionarily stable strategies. Journal of Theoretical Biology, 1987, 125, 351-360.	1.7	99
15	A General Theory of Environmental Noise in Ecological Food Webs. American Naturalist, 1998, 151, 256-263.	2.1	98
16	Climate change and the optimal arrival of migratory birds. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 269-274.	2.6	98
17	Population dynamics and the colour of environmental noise. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 943-948.	2.6	96
18	Partial Prey Consumption by Browsers: Trees as Patches. Journal of Animal Ecology, 1990, 59, 287.	2.8	92

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19	Effects of Enrichment on Simple Aquatic Food Webs. American Naturalist, 2001, 157, 654-669.	2.1	84
20	The route to extinction in variable environments. Oikos, 2000, 90, 89-96.	2.7	78
21	Phylogenetic Analysis Suggests That Habitat Filtering Is Structuring Marine Bacterial Communities Across the Globe. Microbial Ecology, 2012, 64, 8-17.	2.8	68
22	Visibility of the environmental noise modulating population dynamics. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 1851-1856.	2.6	65
23	From arctic lemmings to adaptive dynamics: Charles Elton's legacy in population ecology. Biological Reviews, 2001, 76, 129-158.	10.4	64
24	From climate change to population change: the need to consider annual life cycles. Global Change Biology, 2006, 12, 1627-1633.	9.5	63
25	The irreducible uncertainty of the demographyâ€“environment interaction in ecology. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 221-225.	2.6	60
26	Low Nutritive Quality as a Defense Against Optimally Foraging Herbivores. American Naturalist, 1990, 135, 547-562.	2.1	58
27	A Theory of Stochastic Harvesting in Stochastic Environments. American Naturalist, 2002, 159, 427-437.	2.1	58
28	Population Dynamics with Sequential Density-Dependencies. Oikos, 1996, 75, 174.	2.7	55
29	RAMI: a tool for identification and characterization of phylogenetic clusters in microbial communities. Bioinformatics, 2009, 25, 736-742.	4.1	54
30	Optimization of reproductive effort and foraging time in mammals: The influence of resource level and predation risk. Evolutionary Ecology, 1995, 9, 45-56.	1.2	49
31	Resource Matching with Limited Knowledge. Oikos, 1999, 86, 383.	2.7	49
32	Harvestingâ€induced population fluctuations?. Wildlife Biology, 2003, 9, 59-65.	1.4	45
33	Dispersal among habitats varying in fitness: reciprocating migration through ideal habitat selection. Oikos, 2004, 107, 559-575.	2.7	42
34	Functional Response of a Small Mammalian Herbivore: The Disc Equation Revisited. Journal of Animal Ecology, 1988, 57, 999.	2.8	38
35	Quantitative Trait Evolution and Environmental Change. PLoS ONE, 2009, 4, e4521.	2.5	38
36	Climate patterns and the stochastic dynamics of migratory birds. Oikos, 2002, 97, 329-336.	2.7	36

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37	Selfâ€“organized dynamics in spatially structured populations. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1655-1660.	2.6	35
38	Size of environmental grain and resource matching. Oikos, 2000, 89, 573-576.	2.7	33
39	On the evolutionary stability of partial migration. Journal of Theoretical Biology, 2013, 321, 36-39.	1.7	33
40	Expected Population Density Versus Productivity in Ratio-Dependent and Prey-Dependent Models. American Naturalist, 1995, 146, 153-161.	2.1	32
41	Principles of niche expansion. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182603.	2.6	32
42	Visibility of demography-modulating noise in population dynamics. Oikos, 2002, 96, 379-382.	2.7	31
43	Linking Resource Matching and Dispersal. Evolutionary Ecology, 2000, 14, 1-12.	1.2	30
44	Consumer-resource matching in a food chain when both predators and prey are free to move. Oikos, 2004, 106, 445-450.	2.7	30
45	The influence of vigilance on intraguild predation. Journal of Theoretical Biology, 2007, 249, 218-234.	1.7	30
46	Functional response of optimally foraging herbivores. Journal of Theoretical Biology, 1990, 144, 367-377.	1.7	29
47	Synchronicity in population systems: cause and consequence mixed. Trends in Ecology and Evolution, 1999, 14, 400-401.	8.7	29
48	Coexistence and resource competition. Nature, 2000, 407, 694-694.	27.8	29
49	Seed Bank in Annuals: Competition Between Banker and Non-banker Morphs. Journal of Theoretical Biology, 2002, 217, 341-349.	1.7	29
50	The Biogeography of Adaptive Radiations and the Geographic Overlap of Sister Species. American Naturalist, 2015, 186, 565-581.	2.1	26
51	Consumption patterns, complexity and enrichment in aquatic food chains. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 901-906.	2.6	25
52	Plant defence and stochastic risk of herbivory. Evolutionary Ecology, 1994, 8, 288-298.	1.2	22
53	On the ecology of wintering Dippers(Cinclus cinclus) in northern Sweden. Journal Fur Ornithologie, 1981, 122, 163-172.	1.2	21
54	Biodiversity and the Lotkaâ€“Volterra theory of species interactions: open systems and the distribution of logarithmic densities. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1977-1984.	2.6	21

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55	Resource Use, Plant Defenses, and Optimal Digestion in Ruminants. Oikos, 1993, 68, 224.	2.7	18
56	An experimental test of frequency-dependent food selection: winter browsing by moose. Ecography, 1990, 13, 177-182.	4.5	13
57	Uncertain biotic and abiotic interactions in benthic communities. Oikos, 2003, 100, 353-361.	2.7	12
58	Postjuvenile Moult in Two Northern Scandinavian Starling Sturnus vulgaris Populations: Evidence for Difference in the Circannual Time-Program. Ornis Scandinavica, 1984, 15, 105.	1.0	7
59	ECOLOGY:A Tale of Big Game and Small Bugs. Science, 1999, 285, 1022-1023.	12.6	7
60	An analysis of the analysis of herbivore population dynamics. Oikos, 2006, 113, 217-225.	2.7	7
61	Non-neutral community dynamics: empirical predictions for ecosystem function and diversity from linearized consumer-resource interactions. Oikos, 2006, 114, 71-83.	2.7	7
62	From arctic lemmings to adaptive dynamics: Charles Elton's legacy in population ecology. Biological Reviews, 2001, 76, 129-158.	10.4	7
63	Time series modelling and trophic interactions: rainfall, vegetation and ungulate dynamics. Population Ecology, 2007, 49, 287-296.	1.2	7
64	Invasion under a tradeâ€•off between density dependence and maximum growth rate. Population Ecology, 2008, 50, 307-317.	1.2	7
65	Life History Mediated Responses to Weather, Phenology and Large-Scale Population Patterns. , 2010, , 321-338.		7
66	Time-budgeting by starlings Sturnus vulgaris: Time minimizing, energy maximizing and the annual cycle organization. Oecologia, 1985, 67, 331-337.	2.0	4
67	Breeding Cycles in Two North Scandinavian Starling Populations and the Circannual Testicular and Gonadotrophin Cycles. Ornis Scandinavica, 1986, 17, 18.	1.0	4
68	Migratory restlessness in caged BramblingsFringilla montifringilla in northern Sweden. Journal Fur Ornithologie, 1981, 122, 65-72.	1.2	3
69	Navigation in breeding-migrating common frogs Rana temporaria: a simple translocation experiment. Amphibia - Reptilia, 1988, 9, 169-173.	0.5	3
70	Nutrient addition extends flowering display, which gets tracked by seed predators, but not by their parasitoids. Oikos, 2008, 117, 473-480.	2.7	3
71	On the Crest of a Population Wave. Science, 2002, 298, 973-974.	12.6	2
72	Spatial games. , 2005, , 267-299.		2

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73	Political Institutions and Their Historical Dynamics. PLoS ONE, 2012, 7, e45838.	2.5	2
74	Adaptation of timing of life history traits and population dynamic responses to climate change in spatially structured populations. Evolutionary Ecology, 2015, 29, 565-579.	1.2	2
75	Population renewal. , 2005, , 9-38.		1
76	Population dynamics in space â€“ the first step. , 2005, , 39-65.		0
77	Synchronicity. , 2005, , 66-97.		0
78	Orderâ€“disorder in space and time. , 2005, , 98-130.		0
79	Structured populations. , 2005, , 131-151.		0
80	Biodiversity and community structure. , 2005, , 152-180.		0
81	Habitat loss. , 2005, , 181-212.		0
82	Population harvesting and management. , 2005, , 213-236.		0
83	Resource matching. , 2005, , 237-266.		0
84	Evolutionary population dynamics. , 2005, , 300-332.		0