Lev R Ginzburg

List of Publications by Year
in descending order

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43 papers	4,274 citations	279798 23 h-index	265206 42 g-index
43 all docs	43 docs citations	43 times ranked	2787 citing authors

#	Article	IF	Citations
1	Coupling in predator-prey dynamics: Ratio-Dependence. Journal of Theoretical Biology, 1989, 139, 311-326.	1.7	1,207
2	The nature of predation: prey dependent, ratio dependent or neither?. Trends in Ecology and Evolution, 2000, 15, 337-341.	8.7	620
3	Variation in Plankton Densities Among Lakes: A Case for Ratio-Dependent Predation Models. American Naturalist, 1991, 138, 1287-1296.	2.1	250
4	Ratio-Dependent Predation: An Abstraction That Works. Ecology, 1995, 76, 995-1004.	3.2	237
5	Quasiextinction Probabilities as a Measure of Impact on Population Growth. Risk Analysis, 1982, 2, 171-181.	2.7	228
6	Population Cycles of Forest Lepidoptera: A Maternal Effect Hypothesis. Journal of Animal Ecology, 1994, 63, 79.	2.8	205
7	Consequences of Ratio-Dependent Predation for Steady-State Properties of Ecosystems. Ecology, 1992, 73, 1536-1543.	3.2	171
8	Rules of thumb for judging ecological theories. Trends in Ecology and Evolution, 2004, 19, 121-126.	8.7	146
9	Reconstructibility of Density Dependence and the Conservative Assessment of Extinction Risks. Conservation Biology, 1990, 4, 63-70.	4.7	143
10	SHOULD INDIVIDUAL FITNESS INCREASE WITH HETEROZYGOSITY?. Genetics, 1983, 104, 191-209.	2.9	110
11	Small mammals cycles in northern Europe: patterns and evidence for a maternal effect hypothesis. Journal of Animal Ecology, 1998, 67, 180-194.	2.8	91
12	The theory of population dynamics: I. Back to first principles. Journal of Theoretical Biology, 1986, 122, 385-399.	1.7	90
13	Selection on stability across ecological scales. Trends in Ecology and Evolution, 2015, 30, 417-425.	8.7	86
14	Assuming reproduction to be a function of consumption raises doubts about some popular predator-prey models. Journal of Animal Ecology, 1998, 67, 325-327.	2.8	81
15	ON THE THEORY OF SPECIATION INDUCED BY TRANSPOSABLE ELEMENTS. Genetics, 1984, 107, 331-341.	2.9	73
16	Paradoxes or theoretical failures? The jury is still out. Ecological Modelling, 2005, 188, 3-14.	2.5	67
17	Maternal effects mechanism of population cycling: a formidable competitor to the traditional predatorâ€“prey view. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1117-1124.	4.0	57
18	Treatments of Uncertainty and Variability in Ecological Risk Assessment of Single-Species Populations. Human and Ecological Risk Assessment (HERA), 2003, 9, 889-906.	3.4	55

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19	The equilibrium and stability for n alleles under the density-dependent selection. Journal of Theoretical Biology, 1977, 68, 545-550.	1.7	43
20	Evolutionary consequences of basic growth equations. Trends in Ecology and Evolution, 1992, 7, 133.	8.7	36
21	Evolution of community structure: Competition. Journal of Theoretical Biology, 1988, 133, 513-523.	1.7	27
22	Why there are so few trophic levels: Selection against instability explains the pattern. Food Webs, 2014, 1, 10-17.	1.2	27
23	Why are heterozygotes often superior in fitness?. Theoretical Population Biology, 1979, 15, 264-267.	1.1	24
24	Predator Interference across Trophic Chains. Ecology, 1995, 76, 1310-1319.	3.2	22
25	The Galilean turn in population ecology. Biology and Philosophy, 2003, 18, 401-414.	1.4	16
26	Bimodality of evolutionary rates. Paleobiology, 1981, 7, 426-429.	2.0	15
27	A DIRECT, EXPERIMENTAL TEST OF RESOURCE VS. CONSUMER DEPENDENCE: COMMENT. Ecology, 2007, 88, 1600-1602.	3.2	15
28	Judgment under uncertainty: Evolution may not favor a probabilistic calculus. Behavioral and Brain Sciences, 1996, 19, 24-25.	0.7	14
29	Aiming the â€œunreasonable effectiveness of mathematicsâ€•at ecological theory. Ecological Modelling, 2007, 207, 356-362.	2.5	14
30	The May threshold and life-history allometry. Biology Letters, 2010, 6, 850-853.	2.3	14
31	Are â€˜punctuationsâ€™ artefacts of time-scales?. Nature, 1982, 296, 610-611.	27.8	13
32	Analogical Thinking in Ecology: Looking beyond Disciplinary Boundaries. Quarterly Review of Biology, 2010, 85, 171-182.	0.1	13
33	Higher Growth Rate Implies Shorter Cycle, Whatever the Cause: A reply to Berryman. Journal of Animal Ecology, 1995, 64, 294.	2.8	12
34	Multilocus population genetics: Relative importance of selection and recombination. Theoretical Population Biology, 1980, 17, 298-320.	1.1	11
35	Scale Invariance Is a Reasonable Approximation in Predation Models: Reply to Ruxton and Gurney. Oikos, 1992, 65, 336.	2.7	8
36	Local consideration of polymorphisms for populations coexisting in stable ecosystems. Journal of Mathematical Biology, 1977, 5, 33-41.	1.9	6

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37	Community construction: speciation versus invasion. Trends in Ecology and Evolution, 1991, 6, 100-101.	8.7	6
38	Improving communications between theoretical ecologists, mathematical ecologists, and ecological modelers: response to the critique of our book How species interact. Theoretical Ecology, 2014, 7, 21-22.	1.0	6
39	From controversy to consensus: the indirect interference functional response. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2008, 30, 297-301.	0.1	5
40	Reply from L. Ginzburg. Trends in Ecology and Evolution, 1992, 7, 316-317.	8.7	4
41	Ecological Implications of Natural Selection. Lecture Notes in Biomathematics, 1980, , 171-183.	0.3	3
42	The Issue Isnâ€™t Which Model of Consumer Interference Is Right, but Which One Is Least Wrong. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	2
43	Extinction Probabilities in Stochastic Age-Structured Models of Population Growth. Lecture Notes in Biomathematics, 1983, , 154-162.	0.3	1