Curtis M Lively

List of Publications by Year
in descending order

59	4,521	156536	162838
papers	citations	32 h-index	57 g-index

61	61	61	3152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Parasite adaptation to locally common host genotypes. Nature, 2000, 405, 679-681.	13.7	457
2	Evidence from a New Zealand snail for the maintenance of sex by parasitism. Nature, 1987, 328, 519-521.	13.7	394
3	Parasitism, mutation accumulation and the maintenance of sex. Nature, 1994, 367, 554-557.	13.7	321
4	ADAPTATION BY A PARASITIC TREMATODE TO LOCAL POPULATIONS OF ITS SNAIL HOST. Evolution; International Journal of Organic Evolution, 1989, 43, 1663-1671.	1.1	240
5	HOST-PARASITE COEVOLUTION: EVIDENCE FOR RARE ADVANTAGE AND TIME-LAGGED SELECTION IN A NATURAL POPULATION. Evolution; International Journal of Organic Evolution, 1998, 52, 1057-1066.	1.1	204
6	The Maintenance of Sex, Clonal Dynamics, and Hostâ€Parasite Coevolution in a Mixed Population of Sexual and Asexual Snails. American Naturalist, 2009, 174, S43-S53.	1.0	191
7	Diverse, endemic and polyphyletic clones in mixed populations of a freshwater snail (Potamopyrgus) Tj ETQq1 1 0.784314 rgBT /Over	0.8	175
8	Spatial variation in infection by digenetic trematodes in a population of freshwater snails (Potamopyrgus antipodarum). Oecologia, 1995, 103, 509-517.	0.9	146
9	THE GEOGRAPHY OF COEVOLUTION: COMPARATIVE POPULATION STRUCTURES FOR A SNAIL AND ITS TREMATODE PARASITE. Evolution; International Journal of Organic Evolution, 1996, 50, 2264-2275.	1.1	142
10	EVIDENCE FOR NEGATIVE FREQUENCY-DEPENDENT SELECTION DURING EXPERIMENTAL COEVOLUTION OF A FRESHWATER SNAIL AND A STERILIZING TREMATODE. Evolution; International Journal of Organic Evolution, 2009, 63, 2213-2221.	1.1	142
11	A Review of Red Queen Models for the Persistence of Obligate Sexual Reproduction. Journal of Heredity, 2010, 101, S13-S20.	1.0	135
12	The Geographic Mosaic of Sex and the Red Queen. Current Biology, 2009, 19, 1438-1441.	1.8	134
13	Host Sex and Local Adaptation by Parasites in a Snailâ€Trematode Interaction. American Naturalist, 2004, 164, S6-S18.	1.0	120
14	EVIDENCE FOR A COST OF SEX IN THE FRESHWATER SNAILPOTAMOPYRGUS ANTIPODARUM. Ecology, 1997, 78, 452-460.	1.5	109
15	The effects of size, reproductive condition, and parasitism on foraging behaviour in a freshwater snail,Potamopyrgus antipodarum. Animal Behaviour, 1996, 51, 891-901.	0.8	108
16	PARASITES, SEX, AND EARLY REPRODUCTION IN A MIXED POPULATION OF FRESHWATER SNAILS. Evolution; International Journal of Organic Evolution, 1995, 49, 1268-1271.	1.1	106
17	The Effect of Host Genetic Diversity on Disease Spread. American Naturalist, 2010, 175, E149-E152.	1.0	93
18	THE MAINTENANCE OF SEX BY PARASITISM AND MUTATION ACCUMULATION UNDER EPISTATIC FITNESS FUNCTIONS. Evolution; International Journal of Organic Evolution, 1998, 52, 604-610.	1.1	91

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19	PARTHENOGENESIS IN A FRESHWATER SNAIL: REPRODUCTIVE ASSURANCE VERSUS PARASITIC RELEASE. Evolution; International Journal of Organic Evolution, 1992, 46, 907-913.	1.1	86
20	THE EVOLUTION OF FLORAL COLOR CHANGE: POLLINATOR ATTRACTION VERSUS PHYSIOLOGICAL CONSTRAINTS IN FUCHSIA EXCORTICATA. Evolution; International Journal of Organic Evolution, 1989, 43, 1252-1262.	1.1	77
21	Interesting Open Questions in Disease Ecology and Evolution. American Naturalist, 2014, 184, S1-S8.	1.0	74
22	GENETIC STRUCTURE OF COEXISTING SEXUAL AND CLONAL SUBPOPULATIONS IN A FRESHWATER SNAIL (POTAMOPYRGUS ANTIPODARUM). Evolution; International Journal of Organic Evolution, 1996, 50, 1541-1548.	1.1	73
23	Experimental exposure of juvenile snails (Potamopyrgus antipodarum â€Š) to infection by trematode larvae (Microphallus sp.): infectivity, fecundity compensation and growth. Oecologia, 1998, 116, 575-582.	0.9	70
24	The Cost of Biparental Sex Under Individual Selection. American Naturalist, 1990, 135, 489-500.	1.0	67
25	The evolutionary ecology of circadian rhythms in infection. Nature Ecology and Evolution, 2019, 3, 552-560.	3.4	63
26	Why Sex? A Pluralist Approach Revisited. Trends in Ecology and Evolution, 2017, 32, 589-600.	4.2	61
27	The ecology of virulence. Ecology Letters, 2006, 9, 1089-1095.	3.0	59
28	PREDATOR-INDUCED DEFENSE: VARIATION FOR INDUCIBILITY IN AN INTERTIDAL BARNACLE. Ecology, 2000, 81, 1240-1247.	1.5	55
29	PARASITES, SEX, AND CLONAL DIVERSITY IN NATURAL SNAIL POPULATIONS. Evolution; International Journal of Organic Evolution, 2011, 65, 1474-1481.	1.1	54
30	The two-fold cost of sex: Experimental evidence from a natural system. Evolution Letters, 2017, 1, 6-15.	1.6	52
31	Coevolutionary hotspots and coldspots for host sex and parasite local adaptation in a snailâ€“trematode interaction. Oikos, 2011, 120, 1335-1340.	1.2	44
32	Infection Dynamics in Coexisting Sexual and Asexual Host Populations: Support for the Red Queen Hypothesis. American Naturalist, 2014, 184, S22-S30.	1.0	43
33	The Geographic Mosaic of Sex and Infection in Lake Populations of a New Zealand Snail at Multiple Spatial Scales. American Naturalist, 2013, 182, 484-493.	1.0	31
34	The cost of males in Daphnia pulex. Oikos, 2008, 117, 1637-1646.	1.2	29
35	FLAT REACTION NORMS AND â€œFROZENâ€•PHENOTYPIC VARIATION IN CLONAL SNAILS (POTAMOPYRGUS) Tj ETQq1 1 0.78431	1.1	25
36	Coevolutionary interactions with parasites constrain the spread of selfâ€fertilization into outcrossing host populations. Evolution; International Journal of Organic Evolution, 2016, 70, 2632-2639.	1.1	25

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37	Withinâ€population covariation between sexual reproduction and susceptibility to local parasites. Evolution; International Journal of Organic Evolution, 2016, 70, 2049-2060.	1.1	24
38	ENVIRONMENTAL STRESS AND THE MAINTENANCE OF SEX IN A FRESHWATER SNAIL. Evolution; International Journal of Organic Evolution, 1998, 52, 1482-1486.	1.1	22
39	Periodic, Parasite-Mediated Selection For and Against Sex. American Naturalist, 2018, 192, 537-551.	1.0	22
40	Parasite virulence, host life history, and the costs and benefits of sex. Ecology, 2010, 91, 3-6.	1.5	21
41	Experimental evolution: Assortative mating and sexual selection, independent of local adaptation, lead to reproductive isolation in the nematodeCaenorhabditis remanei. Evolution; International Journal of Organic Evolution, 2015, 69, 3141-3155.	1.1	20
42	Nematode-bacteria mutualism: Selection within the mutualism supersedes selection outside of the mutualism. Evolution; International Journal of Organic Evolution, 2016, 70, 687-695.	1.1	17
43	Experimental exposure of juvenile snails (Potamopyrgus antipodarum â€Š) to infection by trematode larvae (Microphallus sp.): infectivity, fecundity compensation and growth. Oecologia, 1998, 116, 467-474.	0.9	16
44	50â€year anniversary of Lloyd's â€œmean crowdingâ€• Ideas on patchy distributions. Journal of Animal Ecology, 2018, 87, 1221-1226.	1.3	12
45	Parasite resistance predicts fitness better than fecundity in a natural population of the freshwater snail Potamopyrgus antipodarum. Evolution; International Journal of Organic Evolution, 2019, 73, 1634-1646.	1.1	11
46	Evolution of virulence: coinfection and propagule production in spore-producing parasites. BMC Evolutionary Biology, 2005, 5, 64.	3.2	9
47	PARASITES AND THE EVOLUTION OF SELF-FERTILIZATION. Evolution; International Journal of Organic Evolution, 2007, 55, 869-879.	1.1	9
48	Evaluating shell variation across different populations of a freshwater snail. Molluscan Research, 2017, 37, 120-132.	0.2	9
49	Habitat Heterogeneity, Host Population Structure, and Parasite Local Adaptation. Journal of Heredity, 2018, 109, 29-37.	1.0	7
50	DNA Content Variation and SNP Diversity Within a Single Population of Asexual Snails. Journal of Heredity, 2021, 112, 58-66.	1.0	6
51	Gynodioecy in native New ZealandGaultheria(Ericaceae). New Zealand Journal of Botany, 2006, 44, 415-420.	0.8	5
52	Transâ€specific polymorphism and the convergent evolution of supertypes in major histocompatibility complex class II genes in darters (Etheostoma). Ecology and Evolution, 2022, 12, .	0.8	5
53	Bloodyâ€minded parasites and sex: the effects of fluctuating virulence. Journal of Evolutionary Biology, 2018, 31, 611-620.	0.8	2
54	Causation without correlation: parasite-mediated frequency-dependent selection and infection prevalence. Biology Letters, 2021, 17, 20210321.	1.0	2

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55	Preâ€•and postâ€association barriers to host switching in sympatric mutualists. Journal of Evolutionary Biology, 2022, 35, 962-972.	0.8	2
56	BRIEF COMMUNICATIONS: COUNTING GENES IN MODELS OF BIPARENTAL INBREEDING. Evolution; International Journal of Organic Evolution, 1993, 47, 1874-1876.	1.1	1
57	Asymmetric densityâ€dependent competition does not contribute to the maintenance of sex in a mixed population ofÂsexual and asexual Potamopyrgus antipodarum. Journal of Evolutionary Biology, 2022, 35, 1012-1019.	0.8	1
58	Postâ€association barrier to host switching maintained despite strong selection in a novel mutualism. Ecology and Evolution, 2022, 12, .	0.8	1
59	Parasitic manipulation or by-product of infection: an experimental approach using trematode-infected snails. Journal of Helminthology, 2022, 96, e2.	0.4	0