

Jussi Lehtonen

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,345
citations

430874

18
h-index

377865

34
g-index

46
all docs

46
docs citations

46
times ranked

1494
citing authors

#	ARTICLE	IF	CITATIONS
1	Bateman gradients from first principles. <i>Nature Communications</i> , 2022, 13, .	12.8	12
2	William Hamilton. , 2021, , 8517-8522.		0
3	Kin Selection. , 2021, , 4386-4395.		0
4	Gamete Size. , 2021, , 3325-3328.		0
5	The Legacy of Parker, Baker and Smith 1972: Gamete Competition, the Evolution of Anisogamy, and Model Robustness. <i>Cells</i> , 2021, 10, 573.	4.1	4
6	Fisher's principle remains a plausible explanation for human sex ratio evolution. A Comment on: Zietsch et al . 2020. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202632.	2.6	3
7	Evolution of Anisogamy in Organisms with Parthenogenetic Gametes. <i>American Naturalist</i> , 2021, 198, 360-378.	2.1	7
8	Green Beard Effect, The. , 2021, , 3543-3546.		0
9	Superorganismal anisogamy: queenâ€‘male dimorphism in eusocial insects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200635.	2.6	1
10	Fifty years of the Price equation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190350.	4.0	14
11	Longevity and the drift barrier: Bridging the gap between Medawar and Hamilton. <i>Evolution Letters</i> , 2020, 4, 382-393.	3.3	6
12	Causality Meets Mathematics: In Defense of the Mathematization of Evolutionary Biology. <i>Trends in Ecology and Evolution</i> , 2020, 35, 645-646.	8.7	0
13	The Price equation and the unity of social evolution theory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190362.	4.0	14
14	William Hamilton. , 2020, , 1-6.		0
15	Green Beard Effect, The. , 2020, , 1-4.		0
16	Mathematical Models of Fertilizationâ€‘An Eco-Evolutionary Perspective. <i>Quarterly Review of Biology</i> , 2019, 94, 177-208.	0.1	12
17	Evolution of the Two Sexes under Internal Fertilization and Alternative Evolutionary Pathways. <i>American Naturalist</i> , 2019, 193, 702-716.	2.1	16
18	Mate limitation and sex ratio evolution. <i>Royal Society Open Science</i> , 2018, 5, 171135.	2.4	8

#	ARTICLE	IF	CITATIONS
19	Sexual competition and the evolution of condition-dependent ageing. <i>Evolution Letters</i> , 2018, 2, 37-48.	3.3	18
20	The evolution of gonad expenditure and gonadosomatic index (GSI) in male and female broadcast-spawning invertebrates. <i>Biological Reviews</i> , 2018, 93, 693-753.	10.4	35
21	The Price Equation, Gradient Dynamics, and Continuous Trait Game Theory. <i>American Naturalist</i> , 2018, 191, 146-153.	2.1	25
22	Deimatism: a neglected component of antipredator defence. <i>Biology Letters</i> , 2017, 13, 20160936.	2.3	67
23	Sexual Reproduction as Bet-Hedging. <i>Annals of the International Society of Dynamic Games</i> , 2017, , 217-234.	0.3	1
24	Gamete Size. , 2017, , 1-4.		0
25	The Lambert W function in ecological and evolutionary models. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1110-1118.	5.2	40
26	Why anisogamy drives ancestral sex roles. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1129-1135.	2.3	75
27	Multilevel Selection in Kin Selection Language. <i>Trends in Ecology and Evolution</i> , 2016, 31, 752-762.	8.7	25
28	What do isogamous organisms teach us about sex and the two sexes?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150532.	4.0	46
29	Diapause and maintenance of facultative sexual reproductive strategies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150536.	4.0	18
30	Safety in numbers: the dilution effect and other drivers of group life in the face of danger. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 449-458.	1.4	116
31	Models of fertilization kinetics. <i>Royal Society Open Science</i> , 2015, 2, 150175.	2.4	14
32	Deimatic displays. <i>Current Biology</i> , 2015, 25, R58-R59.	3.9	73
33	Why inclusive fitness can make it adaptive to produce less fit extra-pair offspring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142716.	2.6	20
34	Gamete competition, gamete limitation, and the evolution of the two sexes. <i>Molecular Human Reproduction</i> , 2014, 20, 1161-1168.	2.8	37
35	Generation time, life history and the substitution rate of neutral mutations. <i>Biology Letters</i> , 2014, 10, 20140801.	2.3	26
36	Virus epidemics can lead to a population-wide spread of intragenomic parasites in a previously parasite-free asexual population. <i>Molecular Ecology</i> , 2014, 23, 987-991.	3.9	1

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37	Gamete evolution and sperm numbers: sperm competition versus sperm limitation. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140836.	2.6	28
38	Sex. Current Biology, 2014, 24, R305-R306.	3.9	10
39	Sexual deception: Coevolution or inescapable exploitation?. Environmental Epigenetics, 2014, 60, 52-61.	1.8	8
40	Evolutionary and ecological implications of sexual parasitism. Trends in Ecology and Evolution, 2013, 28, 297-306.	8.7	58
41	Positive feedback and alternative stable states in inbreeding, cooperation, sex roles and other evolutionary processes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 211-221.	4.0	58
42	The many costs of sex. Trends in Ecology and Evolution, 2012, 27, 172-178.	8.7	268
43	Strategy selection under conspecific brood parasitism: an integrative modeling approach. Behavioral Ecology, 2011, 22, 144-155.	2.2	20
44	Two roads to two sexes: unifying gamete competition and gamete limitation in a single model of anisogamy evolution. Behavioral Ecology and Sociobiology, 2011, 65, 445-459.	1.4	81
45	Negative Frequency-Dependent Selection of Sexually Antagonistic Alleles in <i>Myodes glareolus</i> . Science, 2011, 334, 972-974.	12.6	77