

Lutz Fromhage

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,118
citations

236925

25
h-index

243625

44
g-index

57
all docs

57
docs citations

57
times ranked

1965
citing authors

#	ARTICLE	IF	CITATIONS
1	The coevolution of choosiness and cooperation. <i>Nature</i> , 2008, 451, 189-192.	27.8	231
2	Deterioration, death and the evolution of reproductive restraint in late life. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 4061-4066.	2.6	125
3	FAITHFUL WITHOUT CARE: THE EVOLUTION OF MONOGYNY. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1400-1405.	2.3	119
4	Coevolution of parental investment and sexually selected traits drives sex-role divergence. <i>Nature Communications</i> , 2016, 7, 12517.	12.8	110
5	Emasculation to plug up females: the significance of pedipalp damage in <i>Nephila fenestrata</i> . <i>Behavioral Ecology</i> , 2006, 17, 353-357.	2.2	109
6	Testing alternative vicariance scenarios in Western Mediterranean discoglossid frogs. <i>Molecular Phylogenetics and Evolution</i> , 2004, 31, 308-322.	2.7	107
7	Sexual conflict over copulation duration in a cannibalistic spider. <i>Animal Behaviour</i> , 2006, 71, 781-788.	1.9	103
8	Safer sex with feeding females: sexual conflict in a cannibalistic spider. <i>Behavioral Ecology</i> , 2005, 16, 377-382.	2.2	95
9	Fitness consequences of sexual cannibalism in female <i>Argiope bruennichi</i> . <i>Behavioral Ecology and Sociobiology</i> , 2003, 55, 60-64.	1.4	84
10	EVOLUTION OF MATE CHOICE FOR GENOME-WIDE HETEROZYGOSITY. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 684-694.	2.3	64
11	Is the Evolution of Inaccurate Mimicry a Result of Selection by a Suite of Predators? A Case Study Using Myrmecomorphic Spiders. <i>American Naturalist</i> , 2011, 178, 124-134.	2.1	62
12	Virgin doves and mated hawks: contest behaviour in a spider. <i>Animal Behaviour</i> , 2005, 70, 1099-1104.	1.9	50
13	Not all sex ratios are equal: the Fisher condition, parental care and sexual selection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160312.	4.0	50
14	A model for the evolutionary maintenance of monogyny in spiders. <i>Journal of Theoretical Biology</i> , 2008, 250, 524-531.	1.7	44
15	Sex change in plants and animals: a unified perspective. <i>Journal of Evolutionary Biology</i> , 2014, 27, 667-675.	1.7	42
16	EXTREMELY SHORT COPULATIONS DO NOT AFFECT HATCHING SUCCESS IN ARGIOPE BRUENNICHI (ARANEAE), Tj ETQq0 0 0,rgBT /Over	0.5	40
17	The evolution of sex roles in mate searching. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 617-624.	2.3	40
18	Historical biogeography of Western Palaeartic pelobatid and pelodytid frogs: a molecular phylogenetic perspective. <i>Contributions To Zoology</i> , 2006, 75, 109-120.	0.5	39

#	ARTICLE	IF	CITATIONS
19	Monogamy and haplodiploidy act in synergy to promote the evolution of eusociality. <i>Nature Communications</i> , 2011, 2, 397.	12.8	39
20	Sperm Allocation Strategies and Female Resistance: A Unifying Perspective. <i>American Naturalist</i> , 2008, 172, 25-33.	2.1	36
21	Sexual selection, phenotypic plasticity and female reproductive output. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180184.	4.0	36
22	Monogynous mating strategies in spiders. , 2010, , 441-464.		36
23	Monogynous Mating Behaviour and its Ecological Basis in the Golden Orb Spider <i>Nephila fenestrata</i> . <i>Ethology</i> , 2007, 113, 813-820.	1.1	34
24	Faithful without care: the evolution of monogyny. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1400-5.	2.3	34
25	Stability and value of male care for offspring: is it worth only half the trouble?. <i>Biology Letters</i> , 2007, 3, 234-236.	2.3	30
26	Copulation patterns in the golden orb-web spider <i>Nephila madagascariensis</i> . <i>Journal of Ethology</i> , 2005, 23, 51-55.	0.8	26
27	MATING UNPLUGGED: A MODEL FOR THE EVOLUTION OF MATING PLUG (DIS-)PLACEMENT. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 31-39.	2.3	24
28	No Synergy Needed: Ecological Constraints Favor the Evolution of Eusociality. <i>American Naturalist</i> , 2015, 186, 31-40.	2.1	22
29	Sex roles and the evolution of parental care specialization. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191312.	2.6	22
30	The optimal coyness game. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 953-960.	2.6	21
31	SEXUALLY SELECTED TRAITS EVOLVE POSITIVE ALLOMETRY WHEN SOME MATINGS OCCUR IRRESPECTIVE OF THE TRAIT. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1332-1338.	2.3	21
32	Spatial seed and pollen games: dispersal, sex allocation, and the evolution of dioecy. <i>Journal of Evolutionary Biology</i> , 2010, 23, 1947-1956.	1.7	18
33	A mate to die for? A model of conditional monogyny in cannibalistic spiders. <i>Ecology and Evolution</i> , 2012, 2, 2577-2587.	1.9	18
34	Understanding the placebo effect from an evolutionary perspective. <i>Evolution and Human Behavior</i> , 2013, 34, 8-15.	2.2	18
35	Spider Males Adjust Mate Choice but Not Sperm Allocation to Cues of a Rival. <i>Ethology</i> , 2011, 117, 970-978.	1.1	17
36	Cross inhibition improves activity selection when switching incurs time costs. <i>Environmental Epigenetics</i> , 2015, 61, 242-250.	1.8	17

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37	Sex allocation conflict and sexual selection throughout the lifespan of eusocial colonies. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 1116-1132.	2.3	16
38	Evolution of male and female choice in polyandrous systems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162174.	2.6	14
39	The strategic reference gene: an organismal theory of inclusive fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190459.	2.6	14
40	No discrimination against previous mates in a sexually cannibalistic spider. <i>Die Naturwissenschaften</i> , 2005, 92, 423-426.	1.6	13
41	The balance model of honest sexual signaling. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 445-454.	2.3	12
42	FAITHFUL WITHOUT CARE: THE EVOLUTION OF MONOGYNY. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1400.	2.3	9
43	When should cuckolded males care for extra-pair offspring?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2877-2882.	2.6	7
44	Evolution of external female genital mutilation: why do males harm their mates?. <i>Royal Society Open Science</i> , 2017, 4, 171195.	2.4	7
45	Modelling the evolution of cognitive styles. <i>BMC Evolutionary Biology</i> , 2019, 19, 234.	3.2	7
46	Size-dependent aggression towards kin in a cannibalistic species. <i>Behavioral Ecology</i> , 2022, 33, 582-591.	2.2	7
47	Need for speed: Short lifespan selects for increased learning ability. <i>Scientific Reports</i> , 2019, 9, 15197.	3.3	4
48	Hybridization selects for prime-numbered life cycles in <i>Magicalicada</i> : An individual-based simulation model of a structured periodical cicada population. <i>Ecology and Evolution</i> , 2020, 10, 5259-5269.	1.9	4
49	The joint evolution of learning and dispersal maintains intraspecific diversity in metapopulations. <i>Oikos</i> , 2021, 130, 808-818.	2.7	4
50	Evolutionary Hysteresis and Ratchets in the Evolution of Periodical Cicadas. <i>American Naturalist</i> , 2019, 194, 38-46.	2.1	3
51	No room for males in caves: Female-biased sex ratio in subterranean amphipods of the genus <i>Niphargus</i> . <i>Journal of Evolutionary Biology</i> , 2021, 34, 1653-1661.	1.7	3
52	Realistic genetic architecture enables organismal adaptation as predicted under the folk definition of inclusive fitness. <i>Journal of Evolutionary Biology</i> , 2021, 34, 1087-1094.	1.7	2
53	Biological adaptation in light of the Lewontin-Williams (a)symmetry. <i>Evolution; International Journal of Organic Evolution</i> , 2022, , .	2.3	2
54	Should dispersers be fast learners? Modeling the role of cognition in dispersal syndromes. <i>Ecology and Evolution</i> , 2021, 11, 14293-14302.	1.9	1