Lutz Fromhage

List of Publications by Year
in descending order

54	2,118	236925	243625
papers	citations	25	44
		h-index	g-index

57	57	57	1965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The balance model of honest sexual signaling. Evolution; International Journal of Organic Evolution, 2022, 76, 445-454.	2.3	12
2	Size-dependent aggression towards kin in a cannibalistic species. Behavioral Ecology, 2022, 33, 582-591.	2.2	7
3	Biological adaptation in light of the Lewontin â€“ Williams (a)symmetry. Evolution; International Journal of Organic Evolution, 2022, , .	2.3	2
4	The joint evolution of learning and dispersal maintains intraspecific diversity in metapopulations. Oikos, 2021, 130, 808-818.	2.7	4
5	Realistic genetic architecture enables organismal adaptation as predicted under the folk definition of inclusive fitness. Journal of Evolutionary Biology, 2021, 34, 1087-1094.	1.7	2
6	No room for males in caves: Femaleâ€biased sex ratio in subterranean amphipods of the genus Niphargus. Journal of Evolutionary Biology, 2021, 34, 1653-1661.	1.7	3
7	Should dispersers be fast learners? Modeling the role of cognition in dispersal syndromes. Ecology and Evolution, 2021, 11, 14293-14302.	1.9	1
8	Hybridization selects for primeâ€numbered life cycles in Magicicada: An individualâ€based simulation model of a structured periodical cicada population. Ecology and Evolution, 2020, 10, 5259-5269.	1.9	4
9	Sex roles and the evolution of parental care specialization. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191312.	2.6	22
10	The strategic reference gene: an organismal theory of inclusive fitness. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190459.	2.6	14
11	Sexual selection, phenotypic plasticity and female reproductive output. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180184.	4.0	36
12	Sexâ€allocation conflict and sexual selection throughout the lifespan of eusocial colonies. Evolution; International Journal of Organic Evolution, 2019, 73, 1116-1132.	2.3	16
13	Evolutionary Hysteresis and Ratchets in the Evolution of Periodical Cicadas. American Naturalist, 2019, 194, 38-46.	2.1	3
14	Need for speed: Short lifespan selects for increased learning ability. Scientific Reports, 2019, 9, 15197.	3.3	4
15	Modelling the evolution of cognitive styles. BMC Evolutionary Biology, 2019, 19, 234.	3.2	7
16	Evolution of male and female choice in polyandrous systems. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162174.	2.6	14
17	Not all sex ratios are equal: the Fisher condition, parental care and sexual selection. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160312.	4.0	50
18	Evolution of external female genital mutilation: why do males harm their mates?. Royal Society Open Science, 2017, 4, 171195.	2.4	7

#	Article	IF	Citations
19	The evolution of sex roles in mate searching. Evolution; International Journal of Organic Evolution, 2016, 70, 617-624.	2.3	40
20	Coevolution of parental investment and sexually selected traits drives sex-role divergence. Nature Communications, 2016, 7, 12517.	12.8	110
21	Cross inhibition improves activity selection when switching incurs time costs. Environmental Epigenetics, 2015, 61, 242-250.	1.8	17
22	No Synergy Needed: Ecological Constraints Favor the Evolution of Eusociality. American Naturalist, 2015, 186, 31-40.	2.1	22
23	SEXUALLY SELECTED TRAITS EVOLVE POSITIVE ALLOMETRY WHEN SOME MATINGS OCCUR IRRESPECTIVE OF THE TRAIT. Evolution; International Journal of Organic Evolution, 2014, 68, 1332-1338.	2.3	21
24	Sex change in plants and animals: a unified perspective. Journal of Evolutionary Biology, 2014, 27, 667-675.	1.7	42
25	Understanding the placebo effect from an evolutionary perspective. Evolution and Human Behavior, 2013, 34, 8-15.	2.2	18
26	A mate to die for? A model of conditional monogyny in cannibalistic spiders. Ecology and Evolution, 2012, 2, 2577-2587.	1.9	18
27	When should cuckolded males care for extra-pair offspring?. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2877-2882.	2.6	7
28	MATING UNPLUGGED: A MODEL FOR THE EVOLUTION OF MATING PLUG (DIS-)PLACEMENT. Evolution; International Journal of Organic Evolution, 2012, 66, 31-39.	2.3	24
29	Is the Evolution of Inaccurate Mimicry a Result of Selection by a Suite of Predators? A Case Study Using Myrmecomorphic Spiders. American Naturalist, 2011, 178, 124-134.	2.1	62
30	Spider Males Adjust Mate Choice but Not Sperm Allocation to Cues of a Rival. Ethology, 2011, 117, 970-978.	1.1	17
31	Monogamy and haplodiploidy act in synergy to promote the evolution of eusociality. Nature Communications, 2011, 2, 397.	12.8	39
32	Spatial seed and pollen games: dispersal, sex allocation, and the evolution of dioecy. Journal of Evolutionary Biology, 2010, 23, 1947-1956.	1.7	18
33	Monogynous mating strategies in spiders. , 2010, , 441-464.		36
34	The optimal coyness game. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 953-960.	2.6	21
35	Deterioration, death and the evolution of reproductive restraint in late life. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 4061-4066.	2.6	125
36	EVOLUTION OF MATE CHOICE FOR GENOME-WIDE HETEROZYGOSITY. Evolution; International Journal of Organic Evolution, 2009, 63, 684-694.	2.3	64

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37	A model for the evolutionary maintenance of monogyny in spiders. Journal of Theoretical Biology, 2008, 250, 524-531.	1.7	44
38	The coevolution of choosiness and cooperation. Nature, 2008, 451, 189-192.	27.8	231
39	Sperm Allocation Strategies and Female Resistance: A Unifying Perspective. American Naturalist, 2008, 172, 25-33.	2.1	36
40	Stability and value of male care for offspring: is it worth only half the trouble?. Biology Letters, 2007, 3, 234-236.	2.3	30
41	Monogynous Mating Behaviour and its Ecological Basis in the Golden Orb Spider Nephila fenestrata. Ethology, 2007, 113, 813-820.	1.1	34
42	Historical biogeography of Western Palaearctic pelobatid and pelodytid frogs: a molecular phylogenetic perspective. Contributions To Zoology, 2006, 75, 109-120.	0.5	39
43	Sexual conflict over copulation duration in a cannibalistic spider. Animal Behaviour, 2006, 71, 781-788.	1.9	103
44	Emasculation to plug up females: the significance of pedipalp damage in Nephila fenestrata. Behavioral Ecology, 2006, 17, 353-357.	2.2	109
45	Virgin doves and mated hawks: contest behaviour in a spider. Animal Behaviour, 2005, 70, 1099-1104.	1.9	50
46	No discrimination against previous mates in a sexually cannibalistic spider. Die Naturwissenschaften, 2005, 92, 423-426.	1.6	13
47	Copulation patterns in the golden orb-web spider Nephila madagascariensis. Journal of Ethology, 2005, 23, 51-55.	0.8	26
48	FAITHFUL WITHOUT CARE: THE EVOLUTION OF MONOGYNY. Evolution; International Journal of Organic Evolution, 2005, 59, 1400.	2.3	9
49	Safer sex with feeding females: sexual conflict in a cannibalistic spider. Behavioral Ecology, 2005, 16, 377-382.	2.2	95
50	FAITHFUL WITHOUT CARE: THE EVOLUTION OF MONOGYNY. Evolution; International Journal of Organic Evolution, 2005, 59, 1400-1405.	2.3	119
51	EXTREMELY SHORT COPULATIONS DO NOT AFFECT HATCHING SUCCESS IN ARGIOPE BRUENNICHI (ARANEAE,) Tj ETQq1 1 0.784314 rg	0.5	40
52	Faithful without care: the evolution of monogyny. Evolution; International Journal of Organic Evolution, 2005, 59, 1400-5.	2.3	34
53	Testing alternative vicariance scenarios in Western Mediterranean discoglossid frogs. Molecular Phylogenetics and Evolution, 2004, 31, 308-322.	2.7	107
54	Fitness consequences of sexual cannibalism in female Argiope bruennichi. Behavioral Ecology and Sociobiology, 2003, 55, 60-64.	1.4	84