Barbara Tschirren

List of Publications by Year
in descending order

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		249298	232693
67	2,532	26	48
papers	citations	h-index	g-index

71	71	71	2920
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intergenerational Costs of Oxidative Stress: Reduced Fitness in Daughters of Mothers That Experienced High Levels of Oxidative Damage during Reproduction. Physiological and Biochemical Zoology, 2022, 95, 1-14.	0.6	2
2	Elevational Changes in Bacterial Microbiota Structure and Diversity in an Arthropod-Disease Vector. Microbial Ecology, 2022, 84, 868-878.	1.4	4
3	Urban woodland habitat is important for tick presence and density in a city in England. Ticks and Tick-borne Diseases, 2022, 13, 101857.	1.1	5
4	Questing Ixodes ricinus ticks and Borrelia spp. in urban green space across Europe: A review. Zoonoses and Public Health, 2022, 69, 153-166.	0.9	23
5	Intralocus conflicts associated with a supergene. Nature Communications, 2022, 13, 1384.	5.8	9
6	Reproductive Strategies Affect Telomere Dynamics across the Life Course. American Naturalist, 2022, 200, 373-382.	1.0	2
7	Maternally transferred thyroid hormones and lifeâ€history variation in birds. Journal of Animal Ecology, 2022, 91, 1489-1506.	1.3	3
8	Sexâ€specific effects of experimental ectoparasite infestation on telomere length in great tit nestlings. Journal of Evolutionary Biology, 2021, 34, 584-589.	0.8	5
9	Bacterial microbiota composition of a common ectoparasite of cavityâ€breeding birds, the Hen Flea Ceratophyllus gallinae. Ibis, 2020, 162, 1088-1092.	1.0	5
10	Selection for Divergent Reproductive Investment Affects Neuron Size and Foliation in the Cerebellum. Brain, Behavior and Evolution, 2020, 95, 69-77.	0.9	3
11	The roles of temperature, nest predators and information parasites for geographical variation in egg covering behaviour of tits (Paridae). Journal of Biogeography, 2020, 47, 1482-1493.	1.4	14
12	Combining genomeâ€wide association study and F_{ST}â€based approaches to identify targets of Borreliaâ€mediated selection in natural rodent hosts. Molecular Ecology, 2020, 29, 1386-1397.	2.0	9
13	Artificial selection reveals the role of transcriptional constraints in the maintenance of life history variation. Evolution Letters, 2020, 4, 200-211.	1.6	6
14	The more you get, the more you give: Positive cascading effects shape the evolutionary potential of prenatal maternal investment. Evolution Letters, 2019, 3, 412-423.	1.6	13
15	Revisiting mechanisms and functions of prenatal hormone-mediated maternal effects using avian species as a model. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180115.	1.8	90
16	Bacterial microbiota composition of Ixodes ricinus ticks: the role of environmental variation, tick characteristics and microbial interactions. PeerJ, 2019, 7, e8217.	0.9	46
17	Smallâ€scale spatial variation in infection risk shapes the evolution of a Borrelia resistance gene in wild rodents. Molecular Ecology, 2018, 27, 3515-3524.	2.0	17
18	In ovo yolk carotenoid and testosterone levels interactively influence female transfer of yolk antioxidants to her eggs. Biology Letters, 2018, 14, 20180103.	1.0	0

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19	Increased prenatal maternal investment reduces inbreeding depression in offspring. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171347.	1.2	8
20	Interactive effects of yolk testosterone and carotenoid on prenatal growth and offspring physiology in a precocial bird. Behavioral Ecology, 2017, 28, 31-38.	1.0	13
21	Divergent artificial selection for female reproductive investment has a sexually concordant effect on male reproductive success. Evolution Letters, 2017, 1, 222-228.	1.6	8
22	Higher genetic diversity on mountain tops: the role of historical and contemporary processes in shaping genetic variation in the bank vole. Biological Journal of the Linnean Society, 2016, 118, 233-244.	0.7	12
23	A trade-off between reproductive investment and maternal cerebellum size in a precocial bird. Biology Letters, 2016, 12, 20160659.	1.0	8
24	Long-term effect of yolk carotenoid levels on testis size in a precocial bird. Biology Letters, 2016, 12, 20160008.	1.0	9
25	Matrilineal inheritance of a key mediator of prenatal maternal effects. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161676.	1.2	3
26	Artificial selection reveals the energetic expense of producing larger eggs. Frontiers in Zoology, 2016, 13, 38.	0.9	22
27	High Yolk Testosterone Transfer Is Associated with an Increased Female Metabolic Rate. Physiological and Biochemical Zoology, 2016, 89, 448-452.	0.6	5
28	Disentangling Genetic and Prenatal Maternal Effects on Offspring Size and Survival. American Naturalist, 2016, 188, 628-639.	1.0	33
29	Evolutionary signals of selection on cognition from the great tit genome and methylome. Nature Communications, 2016, 7, 10474.	5.8	172
30	In search of genetic constraints limiting the evolution of egg size: direct and correlated responses to artificial selection on a prenatal maternal effector. Heredity, 2016, 116, 542-549.	1.2	22
31	Distinct haplotype structure at the innate immune receptor Toll-like receptor 2 across bank vole populations and lineages in Europe. Biological Journal of the Linnean Society, 2015, 116, 124-133.	0.7	10
32	Differential Effects of Maternal Yolk Androgens on Male and Female Offspring: A Role for Sex-Specific Selection?. PLoS ONE, 2015, 10, e0133673.	1.1	14
33	Sex-specific effects of prenatal and postnatal nutritional conditions on the oxidative status of great tit nestlings. Oecologia, 2015, 177, 123-131.	0.9	18
34	Borrelia burgdorferi sensu lato infection pressure shapes innate immune gene evolution in natural rodent populations across Europe. Biology Letters, 2015, 11, 20150263.	1.0	15
35	Female oxidative status, egg antioxidant protection and eggshell pigmentation: a supplemental feeding experiment in great tits. Behavioral Ecology and Sociobiology, 2015, 69, 777-785.	0.6	33
36	Natural selection acts in opposite ways on correlated hormonal mediators of prenatal maternal effects in a wild bird population. Ecology Letters, 2014, 17, 1310-1315.	3.0	24

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37	The multivariate egg: quantifying within- and among-clutch correlations between maternally derived yolk immunoglobulins and yolk androgens using multivariate mixed models. Oecologia, 2014, 174, 631-638.	0.9	26
38	Interactions between prenatal maternal effects and posthatching conditions in a wild bird population. Behavioral Ecology, 2014, 25, 1459-1466.	1.0	37
39	Naturally occurring Toll-like receptor 11 (TLR11) and Toll-like receptor 12 (TLR12) polymorphisms are not associated with Toxoplasma gondii infection in wild wood mice. Infection, Genetics and Evolution, 2014, 26, 180-184.	1.0	12
40	Independent sources of condition dependency and multiple pathways determine a composite trait: lessons from carotenoidâ€based plumage colouration. Journal of Evolutionary Biology, 2013, 26, 635-646.	0.8	7
41	Polymorphisms at the innate immune receptorTLR2are associated withBorreliainfection in a wild rodent population. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130364.	1.2	82
42	When mothers make sons sexy: maternal effects contribute to the increased sexual attractiveness of extra-pair offspring. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1233-1240.	1.2	45
43	CONTRASTING PATTERNS OF DIVERSITY AND POPULATION DIFFERENTIATION AT THE INNATE IMMUNITY GENE TOLL-LIKE RECEPTOR 2 (TLR2) IN TWO SYMPATRIC RODENT SPECIES. Evolution; International Journal of Organic Evolution, 2012, 66, 720-731.	1.1	40
44	Signatures of selection acting on the innate immunity gene Toll-like receptor 2 (TLR2) during the evolutionary history of rodents. Journal of Evolutionary Biology, 2011, 24, 1232-1240.	0.8	49
45	Resource allocation across the egg laying sequence in the wild zebra finch Taeniopygia guttata. Journal of Avian Biology, 2011, 42, 480-484.	0.6	8
46	Quantitative genetics research in Zebra Finches: where we are and where to go. Emu, 2010, 110, 268-278.	0.2	14
47	Genetics of personalities: no simple answers for complex traits. Molecular Ecology, 2010, 19, 624-626.	2.0	20
48	Dissecting Carotenoid from Structural Components of Carotenoidâ€Based Coloration: A Field Experiment with Great Tits (Parus major). American Naturalist, 2010, 176, 55-62.	1.0	52
49	Long-term effects of early parasite exposure on song duration and singing strategy in great tits. Behavioral Ecology, 2009, 20, 265-270.	1.0	43
50	The effects of experimentally manipulated yolk androgens on growth and immune function of male and female nestling collared flycatchersFicedula albicollis. Journal of Avian Biology, 2009, 40, 225-230.	0.6	40
51	Shortâ€and longâ€term consequences of early developmental conditions: a case study on wild and domesticated zebra finches. Journal of Evolutionary Biology, 2009, 22, 387-395.	0.8	106
52	Transgenerational immunity in a birdâ€“ectoparasite system: do maternally transferred antibodies affect parasite fecundity or the offspring's susceptibility to fleas?. Ibis, 2009, 151, 160-170.	1.0	13
53	Yolk androgens do not appear to mediate sexual conflict over parental investment in the collared flycatcher Ficedula albicollis. Hormones and Behavior, 2009, 55, 514-519.	1.0	31
54	Heritable Variation in Maternal Yolk Hormone Transfer in a Wild Bird Population. American Naturalist, 2009, 174, 557-564.	1.0	72

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55	Differential effects of yolk hormones on maternal and paternal contribution to parental care. Animal Behaviour, 2008, 75, 1989-1994.	0.8	23
56	Maternal Modulation of Natal Dispersal in a Passerine Bird: An Adaptive Strategy to Cope with Parasitism?. American Naturalist, 2007, 169, 87-93.	1.0	92
57	Carotenoidâ€Based Plumage Colors and Immune Function: Is There a Tradeâ€Off for Rare Carotenoids?. American Naturalist, 2007, 169, S137-S144.	1.0	74
58	Host condition and host immunity affect parasite fitness in a bird?ectoparasite system. Functional Ecology, 2007, 21, 372-378.	1.7	117
59	No evidence for survival selection on carotenoid-based nestling coloration in great tits (Parus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	14
60	Parasites shape the optimal investment in immunity. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1773-1777.	1.2	77
61	Maternal yolk testosterone does not modulate parasite susceptibility or immune function in great tit nestlings. Journal of Animal Ecology, 2005, 74, 675-682.	1.3	86
62	Carotenoid-based nestling colouration and parental favouritism in the great tit. Oecologia, 2005, 143, 477-482.	0.9	61
63	Ectoparasiteâ€“modulated deposition of maternal androgens in great tit eggs. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1371-1375.	1.2	102
64	Life history and fitness consequences of ectoparasites. Journal of Animal Ecology, 2004, 73, 216-226.	1.3	124
65	Carotenoid-based colour expression is determined early in nestling life. Oecologia, 2003, 137, 148-152.	0.9	63
66	Proximate mechanisms of variation in the carotenoid-based plumage coloration of nestling great tits (Parus major L.). Journal of Evolutionary Biology, 2003, 16, 91-100.	0.8	109
67	Sexual dimorphism in susceptibility to parasites and cell-mediated immunity in great tit nestlings. Journal of Animal Ecology, 2003, 72, 839-845.	1.3	197