

Tobias Uller

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

6,954
citations

39
h-index

80
g-index

170
ext. papers

8,139
ext. citations

5.2
avg. IF

6.4
L-index

#	Paper	IF	Citations
160	When is a maternal effect adaptive?. <i>Oikos</i> , 2007 , 116, 1957-1963	4	554
159	Does evolutionary theory need a rethink?. <i>Nature</i> , 2014 , 514, 161-4	50.4	530
158	The extended evolutionary synthesis: its structure, assumptions and predictions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20151019	4.4	528
157	Cause and effect in biology revisited: is Mayr's proximate-ultimate dichotomy still useful?. <i>Science</i> , 2011 , 334, 1512-6	33.3	514
156	Developmental plasticity and the evolution of parental effects. <i>Trends in Ecology and Evolution</i> , 2008 , 23, 432-8	10.9	401
155	Parental effects in ecology and evolution: mechanisms, processes and implications. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 1169-77	5.8	257
154	Multiple paternity in reptiles: patterns and processes. <i>Molecular Ecology</i> , 2008 , 17, 2566-80	5.7	253
153	Towards an evolutionary ecology of sexual traits. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 145-52	10.9	229
152	Strategic female reproductive investment in response to male attractiveness in birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 163-70	4.4	122
151	More on how and why: cause and effect in biology revisited. <i>Biology and Philosophy</i> , 2013 , 28, 719-745	1.7	114
150	Climate-driven population divergence in sex-determining systems. <i>Nature</i> , 2010 , 468, 436-8	50.4	113
149	The Challenges of Integrating Oxidative Stress into Life-history Biology. <i>BioScience</i> , 2011 , 61, 194-202	5.7	107
148	Progressive, transgenerational changes in offspring phenotype and epigenotype following nutritional transition. <i>PLoS ONE</i> , 2011 , 6, e28282	3.7	94
147	Founder events predict changes in genetic diversity during human-mediated range expansions. <i>Global Change Biology</i> , 2011 , 17, 3478-3485	11.4	87
146	Female egg investment in relation to male sexual traits and the potential for transgenerational effects in sexual selection. <i>Behavioral Ecology and Sociobiology</i> , 2005 , 57, 584-590	2.5	84
145	Sex-specific sibling interactions and offspring fitness in vertebrates: patterns and implications for maternal sex ratios. <i>Biological Reviews</i> , 2006 , 81, 207-17	13.5	83
144	Developmental Bias and Evolution: A Regulatory Network Perspective. <i>Genetics</i> , 2018 , 209, 949-966	4	82

143	Climate effects on offspring sex ratio in a viviparous lizard. <i>Journal of Animal Ecology</i> , 2009 , 78, 84-90	4.7	82
142	Seeing red: morph-specific contest success and survival rates in a colour-polymorphic agamid lizard. <i>Animal Behaviour</i> , 2007 , 74, 337-341	2.8	82
141	Regulatory changes in pterin and carotenoid genes underlie balanced color polymorphisms in the wall lizard. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 5633-5642	11.5	82
140	Epigenetic Determinism in Science and Society. <i>New Genetics and Society</i> , 2015 , 34, 177-195	1.9	79
139	The evolution of sex ratios and sex-determining systems. <i>Trends in Ecology and Evolution</i> , 2007 , 22, 292-309	7.0	77
138	Sex differences in sand lizard telomere inheritance: paternal epigenetic effects increases telomere heritability and offspring survival. <i>PLoS ONE</i> , 2011 , 6, e17473	3.7	71
137	Sexual selection drives asymmetric introgression in wall lizards. <i>Ecology Letters</i> , 2015 , 18, 1366-75	10	70
136	The information value of non-genetic inheritance in plants and animals. <i>PLoS ONE</i> , 2015 , 10, e0116996	3.7	58
135	When is incomplete epigenetic resetting in germ cells favoured by natural selection?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282,	4.4	56
134	Carotenoid intake does not mediate a relationship between reactive oxygen species and bright colouration: experimental test in a lizard. <i>Journal of Experimental Biology</i> , 2008 , 211, 1257-61	3	55
133	Direct Exposure to Corticosterone During Embryonic Development Influences Behaviour in an Ovoviviparous Lizard. <i>Ethology</i> , 2006 , 112, 390-397	1.7	55
132	Mating system variation and morph fluctuations in a polymorphic lizard. <i>Molecular Ecology</i> , 2007 , 16, 5307-15	5.7	52
131	Adaptive Use of Information during Growth Can Explain Long-Term Effects of Early Life Experiences. <i>American Naturalist</i> , 2016 , 187, 620-32	3.7	50
130	Family conflict and the evolution of sociality in reptiles. <i>Behavioral Ecology</i> , 2009 , 20, 245-250	2.3	48
129	Sexual differences in telomere selection in the wild. <i>Molecular Ecology</i> , 2011 , 20, 2085-99	5.7	46
128	Free radicals run in lizard families. <i>Biology Letters</i> , 2008 , 4, 186-8	3.6	46
127	From the origin of sex-determining factors to the evolution of sex-determining systems. <i>Quarterly Review of Biology</i> , 2011 , 86, 163-80	5.4	44
126	Human mate choice and the wedding ring effect : Are married men more attractive?. <i>Human Nature</i> , 2003 , 14, 267-76	1.8	42

125	Effects of sperm storage and male colour on probability of paternity in a polychromatic lizard. <i>Animal Behaviour</i> , 2009 , 77, 419-424	2.8	40
124	Long-lasting fitness consequences of prenatal sex ratio in a viviparous lizard. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 2511-6	3.8	40
123	Developmental plasticity and evolutionary explanations. <i>Evolution & Development</i> , 2020 , 22, 47-55	2.6	40
122	Offspring size and timing of hatching determine survival and reproductive output in a lizard. <i>Oecologia</i> , 2010 , 162, 663-71	2.9	39
121	Niche Construction and Conceptual Change in Evolutionary Biology. <i>British Journal for the Philosophy of Science</i> , 2019 , 70, 351-375	1.7	39
120	Transgenerational effects of food availability on age at maturity and reproductive output in an asexual collembolan species. <i>Biology Letters</i> , 2011 , 7, 755-8	3.6	38
119	A theoretical model of the evolution of maternal effects under parent-offspring conflict. <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 2075-84	3.8	37
118	Parental effects on carotenoid-based plumage coloration in nestling great tits, <i>Parus major</i> . <i>Behavioral Ecology and Sociobiology</i> , 2006 , 60, 556-562	2.5	37
117	Outbreeding depression in the common frog, <i>Rana temporaria</i> . <i>Conservation Genetics</i> , 2005 , 6, 205-211	2.6	37
116	Quo vadis amphibia? Global warming and breeding phenology in frogs, toads and salamanders. <i>Ecography</i> , 2014 , 37, 921-929	6.5	36
115	Patterns of developmental plasticity in response to incubation temperature in reptiles. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2018 , 329, 162-176	1.9	36
114	Length of activity season drives geographic variation in body size of a widely distributed lizard. <i>Ecology and Evolution</i> , 2013 , 3, 2424-2442	2.8	35
113	Plastic responses to novel environments are biased towards phenotype dimensions with high additive genetic variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13452-13461	11.5	34
112	Altitudinal divergence in maternal thermoregulatory behaviour may be driven by differences in selection on offspring survival in a viviparous lizard. <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 2313-24	3.8	34
111	Within-population variation in social strategies characterize the social and mating system of an Australian lizard, <i>Egernia whitii</i> . <i>Austral Ecology</i> , 2009 , 34, 938-949	1.5	34
110	Evolution of "determinants" in sex-determination: a novel hypothesis for the origin of environmental contingencies in avian sex-bias. <i>Seminars in Cell and Developmental Biology</i> , 2009 , 20, 304-312	7.5	32
109	Sons are made from old stores: sperm storage effects on sex ratio in a lizard. <i>Biology Letters</i> , 2007 , 3, 491-3	3.6	32
108	Multiple copulations in natural populations of lizards: evidence for the fertility assurance hypothesis. <i>Behaviour</i> , 2005 , 142, 45-56	1.4	31

107	Adaptive responses to cool climate promotes persistence of a non-native lizard. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20142638	4.4	30
106	Selective Survival of Embryos Can Explain DNA Methylation Signatures of Adverse Prenatal Environments. <i>Cell Reports</i> , 2018 , 25, 2660-2667.e4	10.6	29
105	Multi-scale approach to understanding climate effects on offspring size at birth and date of birth in a reptile. <i>Integrative Zoology</i> , 2010 , 5, 164-175	1.9	28
104	Viviparity as a constraint on sex-ratio evolution. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 927-31	3.8	28
103	The scent of sun worship: basking experience alters scent mark composition in male lizards. <i>Behavioral Ecology and Sociobiology</i> , 2014 , 68, 861-870	2.5	27
102	Live bearing promotes the evolution of sociality in reptiles. <i>Nature Communications</i> , 2017 , 8, 2030	17.4	26
101	Widespread primary, but geographically restricted secondary, human introductions of wall lizards, <i>Podarcis muralis</i> . <i>Molecular Ecology</i> , 2015 , 24, 2702-14	5.7	25
100	Trade-offs between offspring size and number in the lizard <i>Lacerta vivipara</i> : a comparison between field and laboratory conditions. <i>Journal of Zoology</i> , 2005 , 265, 295-299	2	25
99	Consistent sex ratio bias of individual female dragon lizards. <i>Biology Letters</i> , 2006 , 2, 569-72	3.6	24
98	Prenatal sex ratios influence sexual dimorphism in a reptile. <i>The Journal of Experimental Zoology</i> , 2003 , 295, 183-7		24
97	Plasticity leaves a phenotypic signature during local adaptation. <i>Evolution Letters</i> , 2020 , 4, 360-370	5.3	23
96	More on how and why: a response to commentaries. <i>Biology and Philosophy</i> , 2013 , 28, 793-810	1.7	23
95	Fitness effects of the timing of hatching may drive the evolution of temperature-dependent sex determination in short-lived lizards. <i>Evolutionary Ecology</i> , 2009 , 23, 281-294	1.8	23
94	Introduction pathway and climate trump ecology and life history as predictors of establishment success in alien frogs and toads. <i>Ecology and Evolution</i> , 2012 , 2, 1437-45	2.8	22
93	Does early-life diet affect longevity? A meta-analysis across experimental studies. <i>Biology Letters</i> , 2016 , 12,	3.6	22
92	Sex-specific developmental plasticity in response to yolk corticosterone in an oviparous lizard. <i>Journal of Experimental Biology</i> , 2009 , 212, 1087-91	3	21
91	Variation in levels of reactive oxygen species is explained by maternal identity, sex and body-size-corrected clutch size in a lizard. <i>Die Naturwissenschaften</i> , 2009 , 96, 25-9	2	21
90	Experimental contact zones reveal causes and targets of sexual selection in hybridizing lizards. <i>Functional Ecology</i> , 2017 , 31, 742-752	5.6	20

89	Variation in social organization influences the opportunity for sexual selection in a social lizard. <i>Molecular Ecology</i> , 2011 , 20, 844-52	5.7	20
88	Human introductions create opportunities for intra-specific hybridization in an alien lizard. <i>Biological Invasions</i> , 2013 , 15, 1101-1112	2.7	19
87	Variety is the Spice of Life: Female Lizards Choose to Associate with Colour-Polymorphic Male Dyads. <i>Ethology</i> , 2008 , 114, 231-237	1.7	19
86	Differential sex allocation in sand lizards: bright males induce daughter production in a species with heteromorphic sex chromosomes. <i>Biology Letters</i> , 2005 , 1, 378-80	3.6	19
85	Life in the land of the midnight sun: are northern lizards adapted to longer days?. <i>Oikos</i> , 2003 , 101, 317-322	4.7	19
84	Egernia lizards. <i>Current Biology</i> , 2015 , 25, R593-5	6.3	18
83	Disentangling the complexities of vertebrate sex allocation: a role for squamate reptiles?. <i>Oikos</i> , 2007 , 116, 1051-1057	4	18
82	THE ROLE OF HALDANES RULE IN SEX ALLOCATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 221-225	3.8	18
81	Resource distribution mediates social and mating behavior in a family living lizard. <i>Behavioral Ecology</i> , 2017 , 28, 145-153	2.3	17
80	Within-population variation in ejaculate characteristics in a prolonged breeder, Peron's tree frog, <i>Litoria peronii</i> . <i>Die Naturwissenschaften</i> , 2008 , 95, 1055-61	2	17
79	Disposable Soma Theory and the Evolution of Maternal Effects on Ageing. <i>PLoS ONE</i> , 2016 , 11, e0145544	4.7	17
78	Neutral and adaptive explanations for an association between caste-biased gene expression and rate of sequence evolution. <i>Frontiers in Genetics</i> , 2014 , 5, 297	4.5	16
77	Promiscuity resolves constraints on social mate choice imposed by population viscosity. <i>Molecular Ecology</i> , 2014 , 23, 721-32	5.7	15
76	Sperm storage and sperm competition across ovarian cycles in the dragon lizard, <i>Ctenophorus fordi</i> . <i>Journal of Experimental Zoology</i> , 2013 , 319, 404-8		15
75	A comprehensive database of thermal developmental plasticity in reptiles. <i>Scientific Data</i> , 2018 , 5, 180138	3.8	15
74	Signatures of selection in embryonic transcriptomes of lizards adapting in parallel to cool climate. <i>Evolution; International Journal of Organic Evolution</i> , 2018 , 72, 67-81	3.8	15
73	Genomic evidence for asymmetric introgression by sexual selection in the common wall lizard. <i>Molecular Ecology</i> , 2018 , 27, 4213-4224	5.7	15
72	Haldane rules: costs of outbreeding at production of daughters in sand lizards. <i>Ecology Letters</i> , 2004 , 7, 924-928	10	14

71	Physiological plasticity in lizard embryos exposed to high-altitude hypoxia. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017 , 327, 423-432	1.9	13
70	Chemical communication, sexual selection, and introgression in wall lizards. <i>Evolution; International Journal of Organic Evolution</i> , 2017 , 71, 2327-2343	3.8	13
69	Offspring performance and the adaptive benefits of prolonged pregnancy: experimental tests in a viviparous lizard. <i>Functional Ecology</i> , 2009 , 23, 818-825	5.6	13
68	A genetic component of resistance to fungal infection in frog embryos. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 1393-6	4.4	13
67	Is sexual dimorphism affected by the combined action of prenatal stress and sex ratio?. <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2005 , 303, 1110-4		13
66	Characterisation of nine European wall lizard (<i>Podarcis muralis</i>) microsatellite loci of utility across sub-species. <i>Conservation Genetics Resources</i> , 2015 , 7, 85-87	0.8	12
65	Mixed Support for Sexual Selection Theories of Mate Preferences in the Swedish Population. <i>Evolutionary Psychology</i> , 2008 , 6, 147470490800600	1.5	12
64	Intraspecific variation in resistance of frog eggs to fungal infection. <i>Evolutionary Ecology</i> , 2008 , 22, 193-201		12
63	Low Incubation Temperature Induces DNA Hypomethylation in Lizard Brains. <i>Journal of Experimental Zoology</i> , 2016 , 325, 390-5		12
62	Timing of maternal exposure to toxic cyanobacteria and offspring fitness in : Implications for the evolution of anticipatory maternal effects. <i>Ecology and Evolution</i> , 2018 , 8, 12727-12736	2.8	12
61	Polymorphic ROS scavenging revealed by CCCP in a lizard. <i>Die Naturwissenschaften</i> , 2009 , 96, 845-9	2	11
60	Female dragons, <i>Ctenophorus pictus</i> , do not prefer scent from unrelated males. <i>Australian Journal of Zoology</i> , 2005 , 53, 279	0.5	11
59	Pre-hatching exposure to water mold reduces size at metamorphosis in the moor frog. <i>Oecologia</i> , 2009 , 160, 9-14	2.9	10
58	Spatial variation in gene flow across a hybrid zone reveals causes of reproductive isolation and asymmetric introgression in wall lizards. <i>Evolution; International Journal of Organic Evolution</i> , 2020 , 74, 1289-1300	3.8	9
57	Loss of genetic diversity and increased embryonic mortality in non-native lizard populations. <i>Molecular Ecology</i> , 2016 , 25, 4113-25	5.7	9
56	Offspring size-number trade-off in a lizard with small clutch sizes: tests of invariants and potential implications. <i>Evolutionary Ecology</i> , 2009 , 23, 363-372	1.8	9
55	Developmental plasticity in reptiles: Insights from temperature-dependent gene expression in wall lizard embryos. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2018 , 329, 351-361	1.9	9
54	Phylogeography and conservation genetics of the common wall lizard, <i>Podarcis muralis</i> , on islands at its northern range. <i>PLoS ONE</i> , 2015 , 10, e0117113	3.7	8

53	How adaptive plasticity evolves when selected against. <i>PLoS Computational Biology</i> , 2019 , 15, e10062605		7
52	Juvenile Cell-Mediated Immune Response is Negatively Correlated with Subsequent Adult Ornament Size in Quail. <i>Evolutionary Ecology</i> , 2006 , 20, 1-9	1.8	6
51	No evidence for differential sociosexual behavior and space use in the color morphs of the European common wall lizard (). <i>Ecology and Evolution</i> , 2020 , 10, 10986-11005	2.8	6
50	Extensive introgression and mosaic genomes of Mediterranean endemic lizards. <i>Nature Communications</i> , 2021 , 12, 2762	17.4	6
49	Enhanced locomotor performance on familiar surfaces is uncoupled from morphological plasticity in Anolis lizards. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2020 , 333, 284-294	1.9	5
48	Free radicals run in lizard families without (and perhaps with) mitochondrial uncoupling. <i>Biology Letters</i> , 2009 , 5, 345-6	3.6	5
47	Sex ratio variation and sex determination in the mallee dragon <i>Ctenophorus fordii</i> . <i>Integrative Zoology</i> , 2008 , 3, 157-65	1.9	5
46	Plasticity and evolutionary convergence in the locomotor skeleton of Greater Antillean lizards. <i>ELife</i> , 2020 , 9,	8.9	5
45	A highly conserved ontogenetic limb allometry and its evolutionary significance in the adaptive radiation of lizards. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210226	4.4	5
44	Comparison of reproductive investment in native and non-native populations of common wall lizards reveals sex differences in adaptive potential. <i>Oikos</i> , 2017 , 126, 1564-1574	4	4
43	Crosses between frog populations reveal genetic divergence in larval life history at short geographical distance. <i>Biological Journal of the Linnean Society</i> , 2006 , 89, 189-195	1.9	4
42	Habitat saturation promotes delayed dispersal in a social reptile. <i>Behavioral Ecology</i> , 2017 , arw181	2.3	3
41	Different perspectives on non-genetic inheritance illustrate the versatile utility of the Price equation in evolutionary biology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020 , 375, 20190366	5.8	3
40	Family aggression in a social lizard. <i>Scientific Reports</i> , 2017 , 7, 3502	4.9	3
39	Ectoparasite susceptibility in lizards from populations sympatric and allopatric with ticks1 Associate Editor: Keith Hobson.. <i>Ecoscience</i> , 2004 , 11, 428-432	1.1	3
38	Developmental models reveal the role of phenotypic plasticity in explaining genetic evolvability		3
37	How Are Biology Concepts Used and Transformed? 2020 , 79-101		3
36	Evolution of the locomotor skeleton in Anolis lizards reflects the interplay between ecological opportunity and phylogenetic inertia. <i>Nature Communications</i> , 2021 , 12, 1525	17.4	3

35	Experimental manipulation suggests effect of polyandry but not mate familiarity on within-pair aggression in the social skink, <i>Liopholis whitii</i> . <i>Behavioral Ecology and Sociobiology</i> , 2017 , 71, 1	2.5	2
34	On parsimonious paternity and scientific rigor: a reply to Madsen. <i>Molecular Ecology</i> , 2009 , 18, 25-7	5.7	2
33	Environmentally-induced DNA methylation is inherited across generations in an aquatic keystone species (<i>Daphnia magna</i>)		2
32	A field experiment reveals seasonal variation in the <i>Daphnia</i> gut microbiome. <i>Oikos</i> ,	4	2
31	Regulatory Changes in Pterin and Carotenoid Genes Underlie Balanced Color Polymorphisms in the Wall Lizard		2
30	What Constitutes an Explanation in Biology? 2020 , 21-35		2
29	Climate Shapes the Geographic Distribution and Introgressive Spread of Color Ornamentation in Common Wall Lizards. <i>American Naturalist</i> , 2021 , 198, 379-393	3.7	2
28	Genetic differentiation predicts body size divergence between island and mainland populations of common wall lizards (<i>Podarcis muralis</i>). <i>Biological Journal of the Linnean Society</i> , 2019 , 127, 771-786	1.9	1
27	Vertical Transmission of a Nematode from Female Lizards to the Brains of Their Offspring. <i>American Naturalist</i> , 2020 , 195, 918-926	3.7	1
26	Female reproductive investment in response to male phenotype in wall lizards and its implications for introgression. <i>Biological Journal of the Linnean Society</i> , 2017 , 121, 876-882	1.9	1
25	Development and selective grain make plasticity take the lead in adaptive evolution. <i>Bmc Ecology and Evolution</i> , 2021 , 21, 205	21	1
24	Population genomics of wall lizards reflects the dynamic history of the Mediterranean Basin. <i>Molecular Biology and Evolution</i> , 2021 ,	8.3	1
23	Why Should Biologists Care about the Philosophy of Science? 2020 , 1-20		1
22	What Is the Nature of Theories and Models in Biology? 2020 , 55-78		1
21	How Can Conceptual Analysis Contribute to Scientific Practice? 2020 , 146-167		1
20	What Is the Basis of Biological Classification? 2020 , 216-234		1
19	What Is the Relation between Facts and Values in Biological Science? 2020 , 255-274		1
18	Why Does It Matter That Many Biology Concepts Are Metaphors? 2020 , 102-122		1

17	Viability, behavior, and color expression in the offspring of matings between common wall lizard color morphs.. <i>Environmental Epigenetics</i> , 2022 , 68, 41-55	2.4	1
16	Genetic and demographic vulnerability of adder populations: Results of a genetic study in mainland Britain. <i>PLoS ONE</i> , 2020 , 15, e0231809	3.7	1
15	Heightened among-individual variation in life history but not morphology is related to developmental temperature in reptiles. <i>Journal of Evolutionary Biology</i> , 2021 , 34, 1793-1802	2.3	1
14	Environmentally induced DNA methylation is inherited across generations in an aquatic keystone species.. <i>IScience</i> , 2022 , 25, 104303	6.1	1
13	Characterisation and cross-amplification of sex-specific genetic markers in Australasian Egeiinae lizards and their implications for understanding the evolution of sex determination and social complexity. <i>Australian Journal of Zoology</i> , 2022 , 69, 33-40	0.5	0
12	Viviparous mothers impose stronger glucocorticoid-mediated maternal stress effects on their offspring than oviparous mothers.. <i>Ecology and Evolution</i> , 2021 , 11, 17238-17259	2.8	0
11	Using phenotypic plasticity to understand the structure and evolution of the genotype-phenotype map. <i>Genetica</i> , 2021 , 1	1.5	0
10	How Do Concepts Contribute to Scientific Advancement? 2020 , 123-145		0
9	What Is the Nature of Scientific Controversies in the Biological Sciences? 2020 , 235-254		0
8	A Philosopher in the Age of Creationism 2020 , 275-298		0
7	Evolvability and evolutionary rescue. <i>Evolution & Development</i> , 2021 , 23, 308-319	2.6	0
6	A single locus regulates a female-limited color pattern polymorphism in a reptile.. <i>Science Advances</i> , 2022 , 8, eabm2387	14.3	0
5	The Evolution of Sex Determination in Animals 2013 , 15-36		
4	What Is Biological Knowledge? 2020 , 36-54		
3	What Methods Do Life Scientists Use? 2020 , 168-192		
2	Is It Possible to Scientifically Reconstruct the History of Life on Earth? 2020 , 193-215		
1	How Can We Teach Philosophy of Science to Biologists? 2020 , 299-312		