Shinichi Nakagawa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6111653/publications.pdf

Version: 2024-02-01

290 papers

37,763 citations

71 h-index 181 g-index

326 all docs

 $\begin{array}{c} 326 \\ \\ \text{docs citations} \end{array}$

326 times ranked

45430 citing authors

#	Article	IF	CITATIONS
1	A general and simple method for obtaining <i>R</i> ² from generalized linear mixedâ€effects models. Methods in Ecology and Evolution, 2013, 4, 133-142.	5.2	7,490
2	Effect size, confidence interval and statistical significance: a practical guide for biologists. Biological Reviews, 2007, 82, 591-605.	10.4	2,836
3	Repeatability for Gaussian and nonâ€Gaussian data: a practical guide for biologists. Biological Reviews, 2010, 85, 935-956.	10.4	1,937
4	Multimodel inference in ecology and evolution: challenges and solutions. Journal of Evolutionary Biology, 2011, 24, 699-711.	1.7	1,772
5	Redefine statistical significance. Nature Human Behaviour, 2018, 2, 6-10.	12.0	1,763
6	A farewell to Bonferroni: the problems of low statistical power and publication bias. Behavioral Ecology, 2004, 15, 1044-1045.	2.2	1,707
7	The coefficient of determination $\langle i\rangle R\langle i\rangle \langle sup\rangle 2\langle sup\rangle$ and intra-class correlation coefficient from generalized linear mixed-effects models revisited and expanded. Journal of the Royal Society Interface, 2017, 14, 20170213.	3.4	1,644
8	rptR: repeatability estimation and variance decomposition by generalized linear mixedâ€effects models. Methods in Ecology and Evolution, 2017, 8, 1639-1644.	5.2	1,117
9	Meta-analysis and the science of research synthesis. Nature, 2018, 555, 175-182.	27.8	960
10	General quantitative genetic methods for comparative biology: phylogenies, taxonomies and multi-trait models for continuous and categorical characters. Journal of Evolutionary Biology, 2010, 23, 494-508.	1.7	691
11	Methodological issues and advances in biological meta-analysis. Evolutionary Ecology, 2012, 26, 1253-1274.	1.2	667
12	Robustness of linear mixedâ€effects models to violations of distributional assumptions. Methods in Ecology and Evolution, 2020, 11, 1141-1152.	5.2	528
13	A quantitative review of heterozygosity–fitness correlations in animal populations. Molecular Ecology, 2009, 18, 2746-2765.	3.9	374
14	Meta-evaluation of meta-analysis: ten appraisal questions for biologists. BMC Biology, 2017, 15, 18.	3.8	320
15	Weak evidence for anticipatory parental effects in plants and animals. Journal of Evolutionary Biology, 2013, 26, 2161-2170.	1.7	313
16	The effects of sex hormones on immune function: a meta-analysis. Biological Reviews, 2017, 92, 551-571.	10.4	286
17	Missing inaction: the dangers of ignoring missing data. Trends in Ecology and Evolution, 2008, 23, 592-596.	8.7	285
18	Consistent age-dependent declines in human semen quality: A systematic review and meta-analysis. Ageing Research Reviews, 2015, 19, 22-33.	10.9	264

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19	Nested by design: model fitting and interpretation in a mixed model era. Methods in Ecology and Evolution, 2013, 4, 14-24.	5.2	248
20	Increased tolerance to humans among disturbed wildlife. Nature Communications, 2015, 6, 8877.	12.8	235
21	Preferred reporting items for systematic reviews and metaâ€analyses in ecology and evolutionary biology: a <scp>PRISMA</scp> extension. Biological Reviews, 2021, 96, 1695-1722.	10.4	203
22	Model averaging, missing data and multiple imputation: a case study for behavioural ecology. Behavioral Ecology and Sociobiology, 2011, 65, 103-116.	1.4	200
23	Zebrafish Regulatory T Cells Mediate Organ-Specific Regenerative Programs. Developmental Cell, 2017, 43, 659-672.e5.	7. O	200
24	Metaâ€analysis of variation: ecological and evolutionary applications and beyond. Methods in Ecology and Evolution, 2015, 6, 143-152.	5.2	198
25	What determines species richness of parasitic organisms? A metaâ€analysis across animal, plant and fungal hosts. Biological Reviews, 2014, 89, 123-134.	10.4	191
26	The biodiversity and ecosystem service contributions and trade-offs of forest restoration approaches. Science, 2022, 376, 839-844.	12.6	188
27	Comparative and metaâ€analytic insights into life extension via dietary restriction. Aging Cell, 2012, 11, 401-409.	6.7	182
28	Heterogeneity in ecological and evolutionary metaâ€analyses: its magnitude and implications. Ecology, 2016, 97, 3293-3299.	3.2	180
29	Elevated reproductive effort increases blood parasitaemia and decreases immune function in birds: a metaâ€regression approach. Functional Ecology, 2009, 23, 405-415.	3.6	173
30	Disentangling the roles of natural selection and genetic drift in shaping variation at MHC immunity genes. Molecular Ecology, 2011, 20, 4408-4420.	3.9	170
31	Defining behavioural syndromes and the role of  syndrome deviation' in understanding their evolution. Behavioral Ecology and Sociobiology, 2012, 66, 1543-1548.	1.4	169
32	Questionable research practices in ecology and evolution. PLoS ONE, 2018, 13, e0200303.	2.5	169
33	Female extra-pair mating: adaptation or genetic constraint?. Trends in Ecology and Evolution, 2014, 29, 456-464.	8.7	161
34	Gender differences in individual variation in academic grades fail to fit expected patterns for STEM. Nature Communications, 2018, 9, 3777.	12.8	158
35	General Methods for Evolutionary Quantitative Genetic Inference from Generalized Mixed Models. Genetics, 2016, 204, 1281-1294.	2.9	156
36	Nonindependence and sensitivity analyses in ecological and evolutionary metaâ€analyses. Molecular Ecology, 2017, 26, 2410-2425.	3.9	155

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37	The costs of parental care: a metaâ€analysis of the tradeâ€off between parental effort and survival in birds. Journal of Evolutionary Biology, 2012, 25, 1911-1917.	1.7	151
38	Transparency in Ecology and Evolution: Real Problems, Real Solutions. Trends in Ecology and Evolution, 2016, 31, 711-719.	8.7	151
39	Passerine Birds Breeding under Chronic Noise Experience Reduced Fitness. PLoS ONE, 2012, 7, e39200.	2.5	146
40	Quantitative analysis of compensatory and catchâ€up growth in diverse taxa. Journal of Animal Ecology, 2012, 81, 583-593.	2.8	138
41	Strategic female reproductive investment in response to male attractiveness in birds. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 163-170.	2.6	136
42	Research Weaving: Visualizing the Future of Research Synthesis. Trends in Ecology and Evolution, 2019, 34, 224-238.	8.7	134
43	A quantitative review of <scp>MHC</scp> â€based mating preference: the role of diversity and dissimilarity. Molecular Ecology, 2014, 23, 5151-5163.	3.9	133
44	Predictable males and unpredictable females: sex difference in repeatability of parental care in a wild bird population. Journal of Evolutionary Biology, 2007, 20, 1674-1681.	1.7	127
45	Quantifying the predictability of behaviour: statistical approaches for the study of betweenâ€individual variation in the withinâ€individual variance. Methods in Ecology and Evolution, 2015, 6, 27-37.	5.2	125
46	Host diversity drives parasite diversity: metaâ€analytical insights into patterns and causal mechanisms. Ecography, 2014, 37, 689-697.	4. 5	123
47	Misregulation of an Activity-Dependent Splicing Network as a Common Mechanism Underlying Autism Spectrum Disorders. Molecular Cell, 2016, 64, 1023-1034.	9.7	121
48	Assessing the function of house sparrows' bib size using a flexible meta-analysis method. Behavioral Ecology, 2007, 18, 831-840.	2,2	115
49	Changing philosophies and tools for statistical inferences in behavioral ecology. Behavioral Ecology, 2009, 20, 1363-1375.	2.2	115
50	The repeatability of cognitive performance: a meta-analysis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170281.	4.0	114
51	<tt>partR2</tt> : partitioning R ² in generalized linear mixed models. PeerJ, 2021, 9, e11414.	2.0	114
52	Reduced fitness in progeny from old parents in a natural population. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4021-4025.	7.1	112
53	A Tale of Two Phylogenies: Comparative Analyses of Ecological Interactions. American Naturalist, 2014, 183, 174-187.	2.1	110
54	General Quantitative Genetic Methods for Comparative Biology. , 2014, , 287-303.		109

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55	Reproducible, flexible and highâ€throughput data extraction from primary literature: The <scp>metaDigitise r</scp> package. Methods in Ecology and Evolution, 2019, 10, 426-431.	5.2	108
56	Family living sets the stage for cooperative breeding and ecological resilience in birds. PLoS Biology, 2017, 15, e2000483.	5 . 6	107
57	Territoriality, Social Bonds, and the Evolution of Communal Signaling in Birds. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	106
58	Methods for testing publication bias in ecological and evolutionary metaâ€analyses. Methods in Ecology and Evolution, 2022, 13, 4-21.	5 . 2	106
59	The orchard plot: Cultivating a forest plot for use in ecology, evolution, and beyond. Research Synthesis Methods, 2021, 12, 4-12.	8.7	104
60	Dominance and plumage traits: meta-analysis and metaregression analysis. Animal Behaviour, 2011, 82, 3-19.	1.9	98
61	Personality variation in a clonal insect: The pea aphid, <i> Acyrthosiphon pisum < /i > . Developmental Psychobiology, 2011, 53, 631-640.</i>	1.6	98
62	Archiving Primary Data: Solutions for Long-Term Studies. Trends in Ecology and Evolution, 2015, 30, 581-589.	8.7	98
63	Measuring vertebrate telomeres: applications and limitations. Molecular Ecology, 2004, 13, 2523-2533.	3.9	94
64	The case against retrospective statistical power analyses with an introduction to power analysis. Acta Ethologica, 2004, 7, 103-108.	0.9	94
65	The role of non-genetic inheritance in evolutionary rescue: epigenetic buffering, heritable bet hedging and epigenetic traps. Environmental Epigenetics, 2016, 2, dvv014.	1.8	91
66	Metabolic rates, and not hormone levels, are a likely mediator of betweenâ€individual differences in behaviour: a metaâ€analysis. Functional Ecology, 2017, 31, 685-696.	3.6	91
67	Non-breeding feather concentrations of testosterone, corticosterone and cortisol are associated with subsequent survival in wild house sparrows. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1560-1566.	2.6	90
68	Are molecular markers useful predictors of adaptive potential?. Ecology Letters, 2015, 18, 772-778.	6.4	86
69	Personality-matching habitat choice, rather than behavioural plasticity, is a likely driver of a phenotype–environment covariance. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170943.	2.6	86
70	The covariance between metabolic rate and behaviour varies across behaviours and thermal types: metaâ€analytic insights. Biological Reviews, 2019, 94, 1056-1074.	10.4	85
71	Neglected biological patterns in the residuals. Behavioral Ecology and Sociobiology, 2011, 65, 2361-2372.	1.4	83
72	Replicating research in ecology and evolution: feasibility, incentives, and the cost-benefit conundrum. BMC Biology, 2015, 13, 88.	3.8	82

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73	Facultative adjustment of the offspring sex ratio and male attractiveness: a systematic review and meta-analysis. Biological Reviews, 2017, 92, 108-134.	10.4	80
74	The influence of male age on withinâ€pair and extraâ€pair paternity in passerines. Ibis, 2012, 154, 318-324.	1.9	73
75	Fixedâ€effect variance and the estimation of repeatabilities and heritabilities: issues and solutions. Journal of Evolutionary Biology, 2018, 31, 621-632.	1.7	73
76	Are extraâ€pair males different from cuckolded males? A case study and a metaâ€analytic examination. Molecular Ecology, 2015, 24, 1558-1571.	3.9	72
77	Sex differences in life history, behavior, and physiology along a slow-fast continuum: a meta-analysis. Behavioral Ecology and Sociobiology, 2018, 72, 132.	1.4	70
78	Global metaâ€analysis of soilâ€disturbing vertebrates reveals strong effects on ecosystem patterns and processes. Global Ecology and Biogeography, 2019, 28, 661-679.	5.8	70
79	Measuring continuous compositional change using decline and decay in zeta diversity. Ecology, 2019, 100, e02832.	3.2	69
80	Inbreeding Depression Accumulation across Lifeâ€History Stages of the Endangered Takahe. Conservation Biology, 2010, 24, 1617-1625.	4.7	67
81	Mapping the zebrafish brain methylome using reduced representation bisulfite sequencing. Epigenetics, 2013, 8, 979-989.	2.7	67
82	HETEROGENEITY IN INDIVIDUAL QUALITY AND REPRODUCTIVE TRADE-OFFS WITHIN SPECIES. Evolution; International Journal of Organic Evolution, 2014, 68, n/a-n/a.	2.3	67
83	Meta-analytic insights into evolutionary ecology: an introduction and synthesis. Evolutionary Ecology, 2012, 26, 1085-1099.	1.2	66
84	Scale-Dependent Phenological Synchrony between Songbirds and Their Caterpillar Food Source. American Naturalist, 2015, 186, 84-97.	2.1	66
85	Phylogenetic comparative methods. Current Biology, 2017, 27, R333-R336.	3.9	66
86	Optimism, pessimism and judgement bias in animals: A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2020, 118, 3-17.	6.1	66
87	Global abundance estimates for 9,700 bird species. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118 , .	7.1	66
88	Global gradients of avian longevity support the classic evolutionary theory of ageing. Ecography, 2014, 37, 930-938.	4.5	65
89	Sexual dimorphism in trait variability and its eco-evolutionary and statistical implications. ELife, 2020, 9, .	6.0	64
90	Complete blockage of the mevalonate pathway results in male gametophyte lethality. Journal of Experimental Botany, 2009, 60, 2055-2064.	4.8	62

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91	Immunosenescence in wild animals: metaâ€analysis and outlook. Ecology Letters, 2019, 22, 1709-1722.	6.4	62
92	Environmental Sensitivity in Relation to Size and Sex in Birds: Metaâ€Regression Analysis. American Naturalist, 2009, 174, 122-133.	2.1	61
93	The jury is still out regarding the generality of adaptive †transgenerational†defects. Ecology Letters, 2020, 23, 1715-1718.	6.4	60
94	Assessing Multivariate Constraints to Evolution across Ten Long-Term Avian Studies. PLoS ONE, 2014, 9, e90444.	2.5	59
95	Effects of nutrient limitation on sperm and seminal fluid: a systematic review and metaâ€analysis. Biological Reviews, 2019, 94, 1722-1739.	10.4	58
96	Consistent individual differences in cooperative behaviour in meerkats (<i>Suricata suricatta</i>). Journal of Evolutionary Biology, 2010, 23, 1597-1604.	1.7	57
97	The effect of dietary restriction on reproduction: a meta-analytic perspective. BMC Evolutionary Biology, 2016, 16, 199.	3.2	54
98	Missing data. , 2015, , 81-105.		54
99	Comparative idiosyncrasies in life extension by reduced mTOR signalling and its distinctiveness from dietary restriction. Aging Cell, 2016, 15, 737-743.	6.7	53
100	The effect of resveratrol on longevity across species: a meta-analysis. Biology Letters, 2012, 8, 790-793.	2.3	51
101	The Risk and Intensity of Sperm Ejection in Female Birds. American Naturalist, 2011, 178, 343-354.	2.1	50
102	Pharmacological manipulations of judgement bias: A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2020, 108, 269-286.	6.1	50
103	Maternal effects and heritability of annual productivity. Journal of Evolutionary Biology, 2012, 25, 149-156.	1.7	49
104	Infectious diseases of Antarctic penguins: current status and future threats. Polar Biology, 2015, 38, 591-606.	1.2	48
105	Meta-analysis challenges a textbook example of status signalling and demonstrates publication bias. ELife, 2018, 7, .	6.0	48
106	COSTLY INFIDELITY: LOW LIFETIME FITNESS OF EXTRA-PAIR OFFSPRING IN A PASSERINE BIRD. Evolution; International Journal of Organic Evolution, 2014, 68, 2873-2884.	2.3	47
107	No evidence for adverse effects on fitness of fitting passive integrated transponders (PITs) in wild house sparrows Passer domesticus. Journal of Avian Biology, 2011, 42, 271-275.	1.2	46
108	Does Urbanization Affect Predation of Bird Nests? A Meta-Analysis. Frontiers in Ecology and Evolution, 0, 5, .	2.2	46

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109	Frontiers in quantifying wildlife behavioural responses to chemical pollution. Biological Reviews, 2022, 97, 1346-1364.	10.4	46
110	Statistical Quantification of Individual Differences (SQuID): an educational and statistical tool for understanding multilevel phenotypic data in linear mixed models. Methods in Ecology and Evolution, 2017, 8, 257-267.	5.2	45
111	O sibling, where art thou? a review of avian sibling recognition with respect to the mammalian literature. Biological Reviews, 2004, 79, 101-119.	10.4	43
112	Does the badge of status influence parental care and investment in house sparrows? An experimental test. Oecologia, 2007, 153, 749-760.	2.0	43
113	The influence of sex and body size on nestling survival and recruitment in the house sparrow. Biological Journal of the Linnean Society, 2010, 101, 680-688.	1.6	43
114	The consequences of parasitic infections for host behavioural correlations and repeatability. Behaviour, 2010, 147, 367-382.	0.8	43
115	Great challenges with few subjects: Statistical strategies for neuroscientists. Neuroscience and Biobehavioral Reviews, 2011, 35, 462-473.	6.1	43
116	Mushroom bodies of the honeybee brain show cell population-specific plasticity in expression of amine-receptor genes. Learning and Memory, 2012, 19, 151-158.	1.3	43
117	Parasitism and behavioural syndromes in theÂfishÂGobiomorphus cotidianus. Behaviour, 2012, 149, 601-622.	0.8	43
118	Revisiting and expanding the metaâ€analysis of variation: The log coefficient of variation ratio. Research Synthesis Methods, 2020, 11, 553-567.	8.7	43
119	Microsatellite resources for Passeridae species: a predicted microsatellite map of the house sparrow Passer domesticus. Molecular Ecology Resources, 2012, 12, 501-523.	4.8	42
120	Life extension after heat shock exposure: Assessing meta-analytic evidence for hormesis. Ageing Research Reviews, 2013, 12, 653-660.	10.9	42
121	The fitness consequences of environmental sex reversal in fish: a quantitative review. Biological Reviews, 2012, 87, 900-911.	10.4	41
122	The long and the short of avian W chromosomes: no evidence for gradual W shortening. Biology Letters, 2012, 8, 636-638.	2.3	40
123	A new ecosystem for evidence synthesis. Nature Ecology and Evolution, 2020, 4, 498-501.	7.8	39
124	A practical guide to question formation, systematic searching and study screening for literature reviews in ecology and evolution. Methods in Ecology and Evolution, 2021, 12, 1705-1720.	5.2	39
125	An Overlooked Consequence of Dietary Mixing: A Varied Diet Reduces Interindividual Variance in Fitness. American Naturalist, 2015, 186, 649-659.	2.1	38
126	Population differentiation and behavioural association of the two â€~personality' genes <i><scp>DRD</scp>4</i> and <i><scp>SERT</scp></i> in dunnocks (<i><scp>P</scp>runella) Tj ETQq0 0 0 rgB</i>	Γ/ 3 . werlock	≥ 130sTf 50 57

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127	Making conservation science more reliable with preregistration and registered reports. Conservation Biology, 2019, 33, 747-750.	4.7	38
128	Towards open, reliable, and transparent ecology and evolutionary biology. BMC Biology, 2021, 19, 68.	3.8	37
129	Mate Choice Copying in Humans: a Systematic Review and Meta-Analysis. Adaptive Human Behavior and Physiology, 2018, 4, 364-386.	1.1	36
130	Consequences of compensatory growth in an amphibian. Journal of Zoology, 2012, 286, 93-101.	1.7	34
131	Heart rate changes reveal that little blue penguin chicks (Eudyptula minor) can use vocal signatures to discriminate familiar from unfamiliar chicks. Behavioral Ecology and Sociobiology, 2001, 50, 180-188.	1.4	33
132	Little appetite for obesity: meta-analysis of the effects of maternal obesogenic diets on offspring food intake and body mass in rodents. International Journal of Obesity, 2015, 39, 1669-1678.	3.4	33
133	Evidence that fertility trades off with early offspring fitness as males age. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172174.	2.6	33
134	Developmental temperature affects phenotypic means and variability: A metaâ€analysis of fish data. Fish and Fisheries, 2019, 20, 1005-1022.	5.3	33
135	A General Method for Simultaneously Accounting for Phylogenetic and Species Sampling Uncertainty via Rubin's Rules in Comparative Analysis. Systematic Biology, 2019, 68, 632-641.	5.6	33
136	Sexual (in)equality? A metaâ€analysis of sex differences in thermal acclimation capacity across ectotherms. Functional Ecology, 2021, 35, 2663-2678.	3.6	32
137	Meta-analysis of variation suggests that embracing variability improves both replicability and generalizability in preclinical research. PLoS Biology, 2021, 19, e3001009.	5.6	31
138	Low statistical power and overestimated anthropogenic impacts, exacerbated by publication bias, dominate field studies in global change biology. Global Change Biology, 2022, 28, 969-989.	9.5	31
139	Sex differences in DNA methylation and expression in zebrafish brain: a test of an extended â€~male sex drive' hypothesis. Gene, 2016, 590, 307-316.	2.2	30
140	Validation of an enzyme immunoassay to measure faecal glucocorticoid metabolites from Adélie penguins (Pygoscelis adeliae): a non-invasive tool for estimating stress?. Polar Biology, 2003, 26, 491-493.	1.2	29
141	Comparing plasma and faecal measures of steroid hormones in Adelie penguins Pygoscelis adeliae. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 83-94.	1.5	29
142	Life span and reproductive cost explain interspecific variation in the optimal onset of reproduction. Evolution; International Journal of Organic Evolution, 2016, 70, 296-313.	2.3	29
143	Sexual selection for genetic compatibility: the role of the major histocompatibility complex on cryptic female choice in Chinook salmon (Oncorhynchus tshawytscha). Heredity, 2017, 118, 442-452.	2.6	29
144	Divide and conquer? Size adjustment with allometry and intermediate outcomes. BMC Biology, 2017, 15, 107.	3.8	29

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145	Not all predators are equal: a continentâ€scale analysis of the effects of predator control on Australian mammals. Mammal Review, 2018, 48, 108-122.	4.8	29
146	Unifying individual differences in personality, predictability and plasticity: A practical guide. Methods in Ecology and Evolution, 2022, 13, 278-293.	5.2	29
147	Sexual Segregation in Juvenile New Zealand Sea Lion Foraging Ranges: Implications for Intraspecific Competition, Population Dynamics and Conservation. PLoS ONE, 2012, 7, e45389.	2.5	28
148	Measuring Up to Reality: Null Models and Analysis Simulations to Study Parental Coordination Over Provisioning Offspring. Frontiers in Ecology and Evolution, 2019, 7 , .	2.2	28
149	The mean strikes back: mean–variance relationships and heteroscedasticity. Trends in Ecology and Evolution, 2012, 27, 474-475.	8.7	27
150	Validation of an automated data collection method for quantifying social networks in collective behaviours. Behavioral Ecology and Sociobiology, 2014, 68, 1379-1391.	1.4	27
151	Predictably Philandering Females Prompt Poor Paternal Provisioning. American Naturalist, 2016, 188, 219-230.	2.1	27
152	Collision between biological process and statistical analysis revealed by mean centring. Journal of Animal Ecology, 2020, 89, 2813-2824.	2.8	27
153	Empowering peer reviewers with a checklist to improve transparency. Nature Ecology and Evolution, 2018, 2, 929-935.	7.8	26
154	A broadscale analysis of hostâ€symbiont cophylogeny reveals the drivers of phylogenetic congruence. Ecology Letters, 2021, 24, 1681-1696.	6.4	26
155	A Transcriptome Derived Female-Specific Marker from the Invasive Western Mosquitofish (Gambusia) Tj ETQq1 1	0.784314	rgBT /Overl
156	The practicality of Trojan sex chromosomes as a biological control: an agent based model of two highly invasive Gambusia species. Biological Invasions, 2013, 15, 1765-1782.	2.4	25
157	Limited catching bias in a wild population of birds with nearâ€complete census information. Ecology and Evolution, 2015, 5, 3500-3506.	1.9	25
158	Dietary macronutrient content, age-specific mortality and lifespan. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190393.	2.6	25
159	Connecting the data landscape of longâ€ŧerm ecological studies: The SPIâ€Birds data hub. Journal of Animal Ecology, 2021, 90, 2147-2160.	2.8	25
160	Phylogenetic multilevel metaâ€analysis: A simulation study on the importance of modelling the phylogeny. Methods in Ecology and Evolution, 2022, 13, 383-395.	5.2	25
161	Terrestrial ecosystem restoration increases biodiversity and reduces its variability, but not to reference levels: A global metaâ€analysis. Ecology Letters, 2022, 25, 1725-1737.	6.4	25
162	Clinal variation in avian body size is better explained by summer maximum temperatures during development than by cold winter temperatures. Auk, 2018, 135, 206-217.	1.4	24

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163	Differences in resource acquisition, not allocation, mediate the relationship between behaviour and fitness: a systematic review and metaâ€analysis. Biological Reviews, 2022, 97, 708-731.	10.4	24
164	Breeding Biology and Variable Mating System of a Population of Introduced Dunnocks (Prunella) Tj ETQq0 0 0	rgBT/Overl	ock ₂₃ 0 Tf 50 1
165	Base-resolution DNA methylation landscape of zebrafish brain and liver. Genomics Data, 2014, 2, 342-344.	1.3	23
166	Conspicuous plumage colours are highly variable. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162593.	2.6	23
167	Quantifying crop pollinator dependence and its heterogeneity using multiâ€level metaâ€analysis. Journal of Applied Ecology, 2021, 58, 1030-1042.	4.0	23
168	Life-span Extension With Reduced Somatotrophic Signaling: Moderation of Aging Effect by Signal Type, Sex, and Experimental Cohort. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1620-1626.	3.6	22
169	Global associations between macronutrient supply and age-specific mortality. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30824-30835.	7.1	22
170	Three Frontiers for the Future of Biodiversity Research Using Citizen Science Data. BioScience, 0, , .	4.9	22
171	Illustrating the importance of metaâ€analysing variances alongside means in ecology and evolution. Journal of Evolutionary Biology, 2020, 33, 1216-1223.	1.7	22
172	The REPRISE project: protocol for an evaluation of REProducibility and Replicability In Syntheses of Evidence. Systematic Reviews, 2021, 10, 112.	5.3	22
173	A comparative analysis of chemically induced sex reversal in teleosts: challenging conventional suppositions. Fish and Fisheries, 2013, 14, 60-76.	5.3	21
174	Ecological and Evolutionary Applications for Environmental Sex Reversal of Fish. Quarterly Review of Biology, 2015, 90, 23-44.	0.1	21
175	Ageâ€dependent trajectories differ between withinâ€pair and extraâ€pair paternity success. Journal of Evolutionary Biology, 2017, 30, 951-959.	1.7	21
176	Individual repeatability of avian migration phenology: AÂsystematic review and metaâ€analysis. Journal of Animal Ecology, 2022, 91, 1416-1430.	2.8	21
177	Food supplements increase adult tarsus length, but not growth rate, in an island population of house sparrows (Passer domesticus). BMC Research Notes, 2011, 4, 431.	1.4	20
178	Transgenerational effects of caloric restriction on appetite: a metaâ€analysis. Obesity Reviews, 2014, 15, 294-309.	6.5	20
179	Troubleshooting the potential pitfalls of crossâ€fostering. Methods in Ecology and Evolution, 2015, 6, 584-592.	5.2	20
180	Mapping the past, present and future research landscape of paternal effects. BMC Biology, 2020, 18, 183.	3.8	20

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181	Sperm traits of masculinized fish relative to wildâ€type males: a systematic review and metaâ€analyses. Fish and Fisheries, 2016, 17, 143-164.	5. 3	19
182	Effect of maternal diet on offspring coping styles in rodents: a systematic review and metaâ€analysis. Biological Reviews, 2016, 91, 1065-1080.	10.4	19
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