

# Malgorzata Lagisz

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

3,255  
citations

185998

28  
h-index

174990

52  
g-index

95  
all docs

95  
docs citations

95  
times ranked

4212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-evaluation of meta-analysis: ten appraisal questions for biologists. BMC Biology, 2017, 15, 18.	1.7	320
2	Preferred reporting items for systematic reviews and meta-analyses in ecology and evolutionary biology: a PRISMA extension. Biological Reviews, 2021, 96, 1695-1722.	4.7	203
3	Meta-analysis of variation: ecological and evolutionary applications and beyond. Methods in Ecology and Evolution, 2015, 6, 143-152.	2.2	198
4	Comparative and meta-analytic insights into life extension via dietary restriction. Aging Cell, 2012, 11, 401-409.	3.0	182
5	Heterogeneity in ecological and evolutionary meta-analyses: its magnitude and implications. Ecology, 2016, 97, 3293-3299.	1.5	180
6	Gender differences in individual variation in academic grades fail to fit expected patterns for STEM. Nature Communications, 2018, 9, 3777.	5.8	158
7	Nonindependence and sensitivity analyses in ecological and evolutionary meta-analyses. Molecular Ecology, 2017, 26, 2410-2425.	2.0	155
8	Research Weaving: Visualizing the Future of Research Synthesis. Trends in Ecology and Evolution, 2019, 34, 224-238.	4.2	134
9	Methods for testing publication bias in ecological and evolutionary meta-analyses. Methods in Ecology and Evolution, 2022, 13, 4-21.	2.2	106
10	The orchard plot: Cultivating a forest plot for use in ecology, evolution, and beyond. Research Synthesis Methods, 2021, 12, 4-12.	4.2	104
11	Metabolic rates, and not hormone levels, are a likely mediator of between-individual differences in behaviour: a meta-analysis. Functional Ecology, 2017, 31, 685-696.	1.7	91
12	Optimism, pessimism and judgement bias in animals: A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2020, 118, 3-17.	2.9	66
13	Sexual dimorphism in trait variability and its eco-evolutionary and statistical implications. ELife, 2020, 9, .	2.8	64
14	The jury is still out regarding the generality of adaptive "transgenerational" effects. Ecology Letters, 2020, 23, 1715-1718.	3.0	60
15	Evidence for between-generation effects in carabids exposed to heavy metals pollution. Ecotoxicology, 2008, 17, 59-66.	1.1	56
16	The effect of dietary restriction on reproduction: a meta-analytic perspective. BMC Evolutionary Biology, 2016, 16, 199.	3.2	54
17	The effect of resveratrol on longevity across species: a meta-analysis. Biology Letters, 2012, 8, 790-793.	1.0	51
18	Pharmacological manipulations of judgement bias: A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2020, 108, 269-286.	2.9	50

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19	Does Urbanization Affect Predation of Bird Nests? A Meta-Analysis. <i>Frontiers in Ecology and Evolution</i> , 2019, 10, 1-10.	1.1	46
20	Life extension after heat shock exposure: Assessing meta-analytic evidence for hormesis. <i>Ageing Research Reviews</i> , 2013, 12, 653-660.	5.0	42
21	The long and the short of avian W chromosomes: no evidence for gradual W shortening. <i>Biology Letters</i> , 2012, 8, 636-638.	1.0	40
22	Metal Kinetics and Respiration Rates in F1 Generation of Carabid Beetles ( <i>Pterostichus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (oblongopunctatus). <i>Environmental Contamination and Toxicology</i> , 2005, 48, 484-489.	2.1	39
23	A new ecosystem for evidence synthesis. <i>Nature Ecology and Evolution</i> , 2020, 4, 498-501.	3.4	39
24	A practical guide to question formation, systematic searching and study screening for literature reviews in ecology and evolution. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1705-1720.	2.2	39
25	Population differentiation and behavioural association of the two "personality" genes <i>DRD4</i> and <i>SERT</i> in dunnocks ( <i>Prunella</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td (oblongopunctatus)	2.1	38
26	Towards open, reliable, and transparent ecology and evolutionary biology. <i>BMC Biology</i> , 2021, 19, 68.	1.7	37
27	Changes in morphology of the ground beetle <i>Pterostichus oblongopunctatus</i> F. (coleoptera;) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td (oblongopunctatus)	2.2	33
28	Little appetite for obesity: meta-analysis of the effects of maternal obesogenic diets on offspring food intake and body mass in rodents. <i>International Journal of Obesity</i> , 2015, 39, 1669-1678.	1.6	33
29	Developmental temperature affects phenotypic means and variability: A meta-analysis of fish data. <i>Fish and Fisheries</i> , 2019, 20, 1005-1022.	2.7	33
30	Sexual (in)equality? A meta-analysis of sex differences in thermal acclimation capacity across ectotherms. <i>Functional Ecology</i> , 2021, 35, 2663-2678.	1.7	32
31	Low statistical power and overestimated anthropogenic impacts, exacerbated by publication bias, dominate field studies in global change biology. <i>Global Change Biology</i> , 2022, 28, 969-989.	4.2	31
32	Sex differences in DNA methylation and expression in zebrafish brain: a test of an extended "male sex drive" hypothesis. <i>Gene</i> , 2016, 590, 307-316.	1.0	30
33	Divide and conquer? Size adjustment with allometry and intermediate outcomes. <i>BMC Biology</i> , 2017, 15, 107.	1.7	29
34	Not all predators are equal: a continent-scale analysis of the effects of predator control on Australian mammals. <i>Mammal Review</i> , 2018, 48, 108-122.	2.2	29
35	Spatial Dynamic Factors Affecting Population-Level Risk Assessment for a Terrestrial Arthropod: An Agent-Based Modeling Approach. <i>Human and Ecological Risk Assessment (HERA)</i> , 2012, 18, 168-180.	1.7	27
36	Genetic Population Structure of the Ground Beetle, <i>Pterostichus oblongopunctatus</i> , Inhabiting a Fragmented and Polluted Landscape: Evidence for Sex-Biased Dispersal. <i>Journal of Insect Science</i> , 2010, 10, 1-20.	0.6	25

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37	Population Parameters of the Beetle <i>Pterostichus oblongopunctatus</i> F. from Metal Contaminated and Reference Areas. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 69, 243-249.	1.3	24
38	Transgenerational effects of caloric restriction on appetite: a meta-analysis. <i>Obesity Reviews</i> , 2014, 15, 294-309.	3.1	20
39	Mapping the past, present and future research landscape of paternal effects. <i>BMC Biology</i> , 2020, 18, 183.	1.7	20
40	Effect of maternal diet on offspring coping styles in rodents: a systematic review and meta-analysis. <i>Biological Reviews</i> , 2016, 91, 1065-1080.	4.7	19
41	You are where you live: parasitic nematode mitochondrial genome size is associated with the thermal environment generated by hosts. <i>Journal of Evolutionary Biology</i> , 2013, 26, 683-690.	0.8	18
42	Conflict and cooperation over sex: the consequences of social and genetic polyandry for reproductive success in dunnocks. <i>Journal of Animal Ecology</i> , 2015, 84, 1509-1519.	1.3	18
43	Visualizing unbiased and biased unweighted meta-analyses. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1914-1916.	0.8	17
44	Maternal Testosterone and Offspring Sex-Ratio in Birds and Mammals: A Meta-Analysis. <i>Evolutionary Biology</i> , 2018, 45, 96-104.	0.5	15
45	Beneficial intergenerational effects of exercise on brain and cognition: a multilevel meta-analysis of mean and variance. <i>Biological Reviews</i> , 2021, 96, 1504-1527.	4.7	15
46	Meta-analysis of lamb birth weight as influenced by pregnancy nutrition of multiparous ewes. <i>Journal of Animal Science</i> , 2018, 96, 1962-1977.	0.2	14
47	Computer Animation Technology in Behavioral Sciences: A Sequential, Automatic, and High-Throughput Approach to Quantifying Personality in Zebrafish ( <i>Danio rerio</i> ). <i>Zebrafish</i> , 2018, 15, 206-210.	0.5	14
48	Meta-analytic approaches and effect sizes to account for "nuisance heterogeneity" in comparative physiology. <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	14
49	A cost-effective, simple and high-throughput method for DNA extraction from insects. <i>Insect Science</i> , 2010, 17, 465-470.	1.5	13
50	Living in a jar: genetic variation and differentiation among laboratory strains of the red flour beetle. <i>Journal of Applied Entomology</i> , 2011, 135, 682-692.	0.8	12
51	A visualized overview of systematic reviews and meta-analyses on low-carbon built environments: An evidence review map. <i>Solar Energy</i> , 2019, 186, 291-299.	2.9	11
52	The relative benefits of environmental enrichment on learning and memory are greater when stressed: A meta-analysis of interactions in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104554.	2.9	11
53	The development of PCR-based markers for molecular sex identification in the model insect species <i>Tribolium castaneum</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2010, 134, 50-59.	0.7	10
54	Proteomic analysis of early-stage embryos: implications for egg quality in hapuku ( <i>Polyporus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 62 Tc	0.9	10

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55	Nonadditive genetic effects induce novel phenotypic distributions in male mating traits of F1 hybrids. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1304-1315.	1.1	10
56	An efficient new assay for measuring zebrafish anxiety: Tall tanks that better characterize between-individual differences. <i>Journal of Neuroscience Methods</i> , 2021, 356, 109138.	1.3	10
57	Time matters: delayed toxicity of pirimiphos-methyl on <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 30). <i>Products Research</i> , 2010, 46, 161-165.	1.2	9
58	Two distinct genomic regions, harbouring the period and fruitless genes, affect male courtship song in <i>Drosophila montana</i> . <i>Heredity</i> , 2012, 108, 602-608.	1.2	9
59	A narrative meta-analysis of a series of systematic and meta-analytic reviews on the intervention outcome for children with developmental coordination disorder. <i>Child: Care, Health and Development</i> , 2017, 43, 733-742.	0.8	9
60	Intervention for children with developmental coordination disorder: How robust is our recent evidence?. <i>Child: Care, Health and Development</i> , 2020, 46, 397-406.	0.8	9
61	Susceptibility of a Carabid Beetle, <i>Pterostichus oblongopunctatus</i> Fab., from a Gradient of Heavy Metal Pollution to Additional Stressors. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 79, 504-507.	1.3	8
62	Transgenerational effects of obesogenic diets in rodents: A meta-analysis. <i>Obesity Reviews</i> , 2022, 23, e13342.	3.1	7
63	Consistent trade-offs in ecosystem services between land covers with different production intensities. <i>Biological Reviews</i> , 2021, 96, 1989-2008.	4.7	6
64	The French press: a repeatable and high-throughput approach to exercising zebrafish ( <i>Danio rerio</i> ). <i>Journal of Experimental Biology</i> , 2021, 234, 100000.	0.9	6
65	Evidence of the impacts of pharmaceuticals on aquatic animal behaviour: a systematic map protocol. <i>Environmental Evidence</i> , 2021, 10, .	1.1	6
66	Profiling research on PFAS in wildlife: Protocol of a systematic evidence map and bibliometric analysis. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12106.	0.8	6
67	Thermal processing reduces PFAS concentrations in blue food – A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2022, 304, 119081.	3.7	5
68	Association of Amine-Receptor DNA Sequence Variants with Associative Learning in the Honeybee. <i>Behavior Genetics</i> , 2016, 46, 242-251.	1.4	4
69	How good does our map of knowledge have to be?: a comment on Berger-Tal et al.. <i>Behavioral Ecology</i> , 2019, 30, 13-14.	1.0	4
70	Assessment of the dunnocks' introduction to New Zealand using innate immune-gene diversity. <i>Evolutionary Ecology</i> , 2020, 34, 803-820.	0.5	4
71	PFAS exposure of humans, animals and the environment: Protocol of an evidence review map and bibliometric analysis. <i>Environment International</i> , 2022, 158, 106973.	4.8	4
72	Rapid systematic reviews for synthesizing research on built environment. <i>Environmental Development</i> , 2022, 43, 100730.	1.8	4

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73	Microsatellite DNA markers for the ground beetle <i>Pterostichus oblongopunctatus</i> F.. <i>Molecular Ecology Notes</i> , 2004, 4, 113-115.	1.7	2
74	Non-genetic inheritance of environmental exposures: a protocol for a map of systematic reviews with bibliometric analysis. <i>Environmental Evidence</i> , 2021, 10, .	1.1	1
75	Collaboration and term usage dynamics in agricultural buffer strip research: A research weaving protocol. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12084.	0.8	0