

# Max Reuter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2181100/publications.pdf>

Version: 2024-02-01

51  
papers

1,917  
citations

257450

24  
h-index

276875

41  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inclusive fitness theory and eusociality. <i>Nature</i> , 2011, 471, E1-E4.	27.8	339
2	Increased outbreeding in yeast in response to dispersal by an insect vector. <i>Current Biology</i> , 2007, 17, R81-R83.	3.9	133
3	Female Choice, Female Reluctance to Mate and Sexual Selection on Body Size in the Dung Fly <i>Sepsis cynipsea</i> . <i>Ethology</i> , 2000, 106, 577-593.	1.1	108
4	Male-Killing Bacteria Trigger a Cycle of Increasing Male Fatigue and Female Promiscuity. <i>Current Biology</i> , 2007, 17, 273-277.	3.9	94
5	Sex Ratio Conflict and Worker Production in Eusocial Hymenoptera. <i>American Naturalist</i> , 2001, 158, 166-177.	2.1	92
6	High Levels of Multiple <i>Wolbachia</i> Infection and Recombination in the Ant <i>Formica exsecta</i> . <i>Molecular Biology and Evolution</i> , 2003, 20, 748-753.	8.9	87
7	Genome-wide sexually antagonistic variants reveal long-standing constraints on sexual dimorphism in fruit flies. <i>PLoS Biology</i> , 2019, 17, e3000244.	5.6	82
8	Loss of <i>Wolbachia</i> infection during colonisation in the invasive Argentine ant <i>Linepithema humile</i> . <i>Heredity</i> , 2005, 94, 364-369.	2.6	67
9	Genome Organization and Gene Expression Shape the Transposable Element Distribution in the <i>Drosophila melanogaster</i> Euchromatin. <i>PLoS Genetics</i> , 2007, 3, e210.	3.5	55
10	Nestmate recognition in the unicolonial ant <i>Formica paralugubris</i> . <i>Behavioral Ecology</i> , 2005, 16, 15-19.	2.2	49
11	Evolution of dosage compensation under sexual selection differs between X and Z chromosomes. <i>Nature Communications</i> , 2015, 6, 7720.	12.8	47
12	An evolutionary analysis of the relationship between spite and altruism. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1507-1516.	1.7	46
13	Sex-specific transcriptomic responses to changes in the nutritional environment. <i>ELife</i> , 2019, 8, .	6.0	45
14	ADAPTATION TO EXPERIMENTAL ALTERATIONS OF THE OPERATIONAL SEX RATIO IN POPULATIONS OF <i>DROSOPHILA MELANOGASTER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 401-412.	2.3	43
15	THE EFFECTS OF SELECTION AND GENETIC DRIFT ON THE GENOMIC DISTRIBUTION OF SEXUALLY ANTAGONISTIC ALLELES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3743-3753.	2.3	38
16	Rapid evolution of the intersexual genetic correlation for fitness in <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 781-795.	2.3	38
17	Sex and genotype effects on nutrient-dependent fitness landscapes in <i>Drosophila melanogaster</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20172237.	2.6	38
18	Sex ratio and <i>Wolbachia</i> infection in the ant <i>Formica exsecta</i> . <i>Heredity</i> , 2001, 87, 227-233.	2.6	36

#	ARTICLE	IF	CITATIONS
19	Dietary choices are influenced by genotype, mating status, and sex in <i>Drosophila melanogaster</i> . <i>Ecology and Evolution</i> , 2018, 8, 5385-5393.	1.9	36
20	Correcting for Sampling Bias in Quantitative Measures of Selection When Fitness is Discrete. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 286.	2.3	34
21	Wolbachia transmission dynamics in <i>Formica</i> wood ants. <i>BMC Evolutionary Biology</i> , 2008, 8, 55.	3.2	33
22	Diet quality determines interspecific parasite interactions in host populations. <i>Ecology and Evolution</i> , 2014, 4, 3093-3102.	1.9	32
23	Effects of Brood Manipulation Costs on Optimal Sex Allocation in Social Hymenoptera. <i>American Naturalist</i> , 2004, 164, E73-E82.	2.1	29
24	The molecular basis of socially mediated phenotypic plasticity in a eusocial paper wasp. <i>Nature Communications</i> , 2021, 12, 775.	12.8	29
25	Variable DNA methylation of transposable elements: The case study of mouse Early Transposons. <i>Epigenetics</i> , 2010, 5, 68-79.	2.7	28
26	Mother's curse is pervasive across a large mitonuclear <i>Drosophila</i> panel. <i>Evolution Letters</i> , 2021, 5, 230-239.	3.3	24
27	Impact of mitonuclear interactions on life-history responses to diet. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190416.	4.0	22
28	Kin structure and queen execution in the Argentine ant <i>Linepithema humile</i> . <i>Journal of Evolutionary Biology</i> , 2001, 14, 954-958.	1.7	17
29	On the Genetic Architecture of Cytoplasmic Incompatibility: Inference from Phenotypic Data. <i>American Naturalist</i> , 2013, 182, E15-E24.	2.1	17
30	Molecular evolution of <i>Drosophila</i> Sex-lethal and related sex determining genes. <i>BMC Evolutionary Biology</i> , 2012, 12, 5.	3.2	16
31	A Test of the Null Model for 5' UTR Evolution Based on GC Content. <i>Molecular Biology and Evolution</i> , 2008, 25, 801-804.	8.9	15
32	SEX-RATIO CONFLICT BETWEEN QUEENS AND WORKERS IN EUSOCIAL HYMENOPTERA: MECHANISMS, COSTS, AND THE EVOLUTION OF SPLIT COLONY SEX RATIOS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2626-2638.	2.3	14
33	The spread of incompatibility-inducing parasites in sub-divided host populations. <i>BMC Evolutionary Biology</i> , 2008, 8, 134.	3.2	14
34	GENETIC DRIFT IN ANTAGONISTIC GENES LEADS TO DIVERGENCE IN SEX-SPECIFIC FITNESS BETWEEN EXPERIMENTAL POPULATIONS OF <i>DROSOPHILA MELANOGASTER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, no-no.	2.3	13
35	Under-Dominance Constrains the Evolution of Negative Autoregulation in Diploids. <i>PLoS Computational Biology</i> , 2013, 9, e1002992.	3.2	13
36	ARE DUNG FLIES IDEAL-FREE DISTRIBUTED AT THEIR OVIPOSITION AND MATING SITE?. <i>Behaviour</i> , 2000, 137, 233-248.	0.8	12

#	ARTICLE	IF	CITATIONS
37	CORRECTING FOR SAMPLING BIAS IN QUANTITATIVE MEASURES OF SELECTION WHEN FITNESS IS DISCRETE. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 286-291.	2.3	11
38	Evolving Plastic Responses to External and Genetic Environments. <i>Trends in Genetics</i> , 2017, 33, 169-170.	6.7	11
39	Queen succession conflict in the paper wasp <i>Polistes dominula</i> is mitigated by age-based convention. <i>Behavioral Ecology</i> , 2020, 31, 992-1002.	2.2	11
40	An ESS Treatment of the Pattern of Female Arrival at the Mating Site in the Yellow Dung Fly <i>Scathophaga stercoraria</i> (L.). <i>Journal of Theoretical Biology</i> , 1998, 195, 363-370.	1.7	9
41	Sexual antagonism drives the displacement of polymorphism across gene regulatory cascades. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190660.	2.6	7
42	Patterns of reproductive differentiation and reproductive plasticity in the major evolutionary transition to superorganismality. <i>Current Opinion in Insect Science</i> , 2019, 34, 40-47.	4.4	7
43	Mod/Resc Parsimony Inference: Theory and application. <i>Information and Computation</i> , 2012, 213, 23-32.	0.7	6
44	The Evolution and Consequences of Sex-Specific Reproductive Variance. <i>Genetics</i> , 2014, 196, 235-252.	2.9	5
45	Mod/Resc Parsimony Inference. <i>Lecture Notes in Computer Science</i> , 2010, , 202-213.	1.3	3
46	Genomic health in an asexual fish. <i>Nature Ecology and Evolution</i> , 2018, 2, 595-596.	7.8	2
47	Sex differences in deleterious mutational effects in <i>Drosophila melanogaster</i> : combining quantitative and population genetic insights. <i>Genetics</i> , 2021, 219, .	2.9	2
48	SEX-RATIO CONFLICT BETWEEN QUEENS AND WORKERS IN EUSOCIAL HYMENOPTERA: MECHANISMS, COSTS, AND THE EVOLUTION OF SPLIT COLONY SEX RATIOS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2626.	2.3	1
49	A non-coding indel polymorphism in the <i>fruitless</i> gene of <i>Drosophila melanogaster</i> exhibits antagonistically pleiotropic fitness effects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202958.	2.6	1
50	Genome Organization and Gene Expression Shape the Distribution of Transposable Elements in the Euchromatin of <i>Drosophila Melanogaster</i> . <i>PLoS Genetics</i> , 2005, preprint, e210.	3.5	0
51	An update on recent developments at <i>JEB</i> . <i>Journal of Evolutionary Biology</i> , 2022, 35, 903-904.	1.7	0