

# Judith E Mank

## List of Publications by Year in descending order

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75  
papers

6,052  
citations

87888

38  
h-index

88630

70  
g-index

80  
all docs

80  
docs citations

80  
times ranked

5815  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-specific aging in animals: Perspective and future directions. <i>Aging Cell</i> , 2022, 21, e13542.	6.7	36
2	Gene duplication to the Y chromosome in Trinidadian Guppies. <i>Molecular Ecology</i> , 2022, 31, 1853-1863.	3.9	11
3	Are plant and animal sex chromosomes really all that different?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210218.	4.0	5
4	Comparison of methodological approaches to the study of young sex chromosomes: A case study in <i>Poecilia</i> . <i>Journal of Evolutionary Biology</i> , 2022, 35, 1646-1658.	1.7	7
5	Detecting signatures of selection on gene expression. <i>Nature Ecology and Evolution</i> , 2022, 6, 1035-1045.	7.8	37
6	Divergence and Remarkable Diversity of the Y Chromosome in Guppies. <i>Molecular Biology and Evolution</i> , 2021, 38, 619-633.	8.9	29
7	Different mating contexts lead to extensive rewiring of female brain coexpression networks in the guppy. <i>Genes, Brain and Behavior</i> , 2021, 20, e12697.	2.2	6
8	Extreme Y chromosome polymorphism corresponds to five male reproductive morphs of a freshwater fish. <i>Nature Ecology and Evolution</i> , 2021, 5, 939-948.	7.8	29
9	Rapid Evolution of Complete Dosage Compensation in <i>Poecilia</i> . <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	12
10	Widespread cryptic variation in genetic architecture between the sexes. <i>Evolution Letters</i> , 2021, 5, 359-369.	3.3	13
11	Constraint and divergence in the evolution of male and female recombination rates in fishes. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2857-2866.	2.3	13
12	Developmental mechanisms of sex differences: from cells to organisms. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	21
13	A bioinformatic toolkit to simultaneously identify sex and sex-linked regions. <i>Molecular Ecology Resources</i> , 2021, , .	4.8	0
14	Signature of sexual conflict is actually conflict resolved. <i>Molecular Ecology</i> , 2020, 29, 215-217.	3.9	14
15	High-resolution characterization of male ornamentation and re-evaluation of sex linkage in guppies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201677.	2.6	10
16	Guppy Y Chromosome Integrity Maintained by Incomplete Recombination Suppression. <i>Genome Biology and Evolution</i> , 2020, 12, 965-977.	2.5	34
17	Genome assembly of the basket willow, <i>Salix viminalis</i> , reveals earliest stages of sex chromosome expansion. <i>BMC Biology</i> , 2020, 18, 78.	3.8	39
18	Sex Chromosome Evolution: So Many Exceptions to the Rules. <i>Genome Biology and Evolution</i> , 2020, 12, 750-763.	2.5	138

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19	On the power to detect rare recombination events. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12607-12608.	7.1	12
20	Sexual conflict. Current Biology, 2019, 29, R451-R455.	3.9	22
21	Phenotypic sexual dimorphism is associated with genomic signatures of resolved sexual conflict. Molecular Ecology, 2019, 28, 2860-2871.	3.9	28
22	Extreme heterogeneity in sex chromosome differentiation and dosage compensation in livebearers. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19031-19036.	7.1	79
23	Male-biased gene expression resolves sexual conflict through the evolution of sex-specific genetic architecture. Evolution Letters, 2018, 2, 52-61.	3.3	66
24	Whole-genome resequencing reveals signatures of selection and timing of duck domestication. GigaScience, 2018, 7, .	6.4	86
25	Transitions in sex determination and sex chromosomes across vertebrate species. Molecular Ecology, 2018, 27, 3950-3963.	3.9	143
26	Slow evolution of sex-biased genes in the reproductive tissue of the dioecious plant <i>Salix viminalis</i> . Molecular Ecology, 2018, 27, 694-708.	3.9	37
27	Early neurogenomic response associated with variation in guppy female mate preference. Nature Ecology and Evolution, 2018, 2, 1772-1781.	7.8	30
28	Shared and Species-Specific Patterns of Nascent Y Chromosome Evolution in Two Guppy Species. Genes, 2018, 9, 238.	2.4	29
29	The transcriptional architecture of phenotypic dimorphism. Nature Ecology and Evolution, 2017, 1, 6.	7.8	127
30	Convergent recombination suppression suggests role of sexual selection in guppy sex chromosome formation. Nature Communications, 2017, 8, 14251.	12.8	128
31	Recent Sex Chromosome Divergence despite Ancient Dioecy in the Willow <i>Salix viminalis</i> . Molecular Biology and Evolution, 2017, 34, 1991-2001.	8.9	57
32	Allele-Specific Expression Analysis Does Not Support Sex Chromosome Inactivation on the Chicken Z Chromosome. Genome Biology and Evolution, 2017, 9, 619-626.	2.5	18
33	Female brain size affects the assessment of male attractiveness during mate choice. Science Advances, 2017, 3, e1601990.	10.3	61
34	Sperm competition shapes gene expression and sequence evolution in the ocellated wrasse. Molecular Ecology, 2017, 26, 505-518.	3.9	20
35	Population genetics of sexual conflict in the genomic era. Nature Reviews Genetics, 2017, 18, 721-730.	16.3	106
36	Prevalence of sexual dimorphism in mammalian phenotypic traits. Nature Communications, 2017, 8, 15475.	12.8	200

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37	Inferring regulatory change from gene expression: the confounding effects of tissue scaling. <i>Molecular Ecology</i> , 2016, 25, 5114-5128.	3.9	70
38	How to make a sex chromosome. <i>Nature Communications</i> , 2016, 7, 12087.	12.8	216
39	Compensation of Dosage-Sensitive Genes on the Chicken Z Chromosome. <i>Genome Biology and Evolution</i> , 2016, 8, 1233-1242.	2.5	57
40	Expression change in <i>Angiopoietin-1</i> underlies change in relative brain size in fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150872.	2.6	23
41	Deficit of Mitonuclear Genes on the Human X Chromosome Predates Sex Chromosome Formation. <i>Genome Biology and Evolution</i> , 2015, 7, 636-641.	2.5	5
42	Evolution of dosage compensation under sexual selection differs between X and Z chromosomes. <i>Nature Communications</i> , 2015, 6, 7720.	12.8	47
43	Sexual selection drives evolution and rapid turnover of male gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4393-4398.	7.1	196
44	Positive Selection Underlies Faster-Z Evolution of Gene Expression in Birds. <i>Molecular Biology and Evolution</i> , 2015, 32, 2646-2656.	8.9	52
45	INDEPENDENT STRATUM FORMATION ON THE AVIAN SEX CHROMOSOMES REVEALS INTERCHROMOSOMAL GENE CONVERSION AND PREDOMINANCE OF PURIFYING SELECTION ON THE W CHROMOSOME. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3281-3295.	2.3	54
46	The Ontogeny and Evolution of Sex-Biased Gene Expression in <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2014, 31, 1206-1219.	8.9	108
47	Sex Determination: Why So Many Ways of Doing It?. <i>PLoS Biology</i> , 2014, 12, e1001899.	5.6	916
48	Running with the Red Queen: the role of biotic conflicts in evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141382.	2.6	225
49	Conflict on the Sex Chromosomes: Cause, Effect, and Complexity. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a017715-a017715.	5.5	49
50	Sex chromosome dosage compensation: definitely not for everyone. <i>Trends in Genetics</i> , 2013, 29, 677-683.	6.7	170
51	Masculinization of Gene Expression Is Associated with Exaggeration of Male Sexual Dimorphism. <i>PLoS Genetics</i> , 2013, 9, e1003697.	3.5	105
52	Polyandry and sex-specific gene expression. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120047.	4.0	31
53	Trade-off Between Selection for Dosage Compensation and Masculinization on the Avian Z Chromosome. <i>Genetics</i> , 2012, 192, 1433-1445.	2.9	63
54	Small but mighty: the evolutionary dynamics of W and Y sex chromosomes. <i>Chromosome Research</i> , 2012, 20, 21-33.	2.2	59

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55	SOME INCONVENIENT TRUTHS ABOUT SEX CHROMOSOME DOSAGE COMPENSATION AND THE POTENTIAL ROLE OF SEXUAL CONFLICT. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2133-2144.	2.3	73
56	Are all sex chromosomes created equal?. <i>Trends in Genetics</i> , 2011, 27, 350-357.	6.7	307
57	EFFECTIVE POPULATION SIZE AND THE FASTER-X EFFECT: EMPIRICAL RESULTS AND THEIR INTERPRETATION. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 663-674.	2.3	181
58	Faster-Z Evolution Is Predominantly Due to Genetic Drift. <i>Molecular Biology and Evolution</i> , 2010, 27, 661-670.	8.9	114
59	Ontogenetic Complexity of Sexual Dimorphism and Sex-Specific Selection. <i>Molecular Biology and Evolution</i> , 2010, 27, 1570-1578.	8.9	99
60	Are sex-biased genes more dispensable?. <i>Biology Letters</i> , 2009, 5, 409-412.	2.3	62
61	The W, X, Y and Z of sex-chromosome dosage compensation. <i>Trends in Genetics</i> , 2009, 25, 226-233.	6.7	145
62	Journal club. <i>Nature</i> , 2009, 461, 701-701.	27.8	0
63	SEX-LINKAGE OF SEXUALLY ANTAGONISTIC GENES IS PREDICTED BY FEMALE, BUT NOT MALE, EFFECTS IN BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1464-1472.	2.3	67
64	Sexual Selection and Darwin's Mystery of Mysteries. <i>Science</i> , 2009, 326, 1639-1640.	12.6	3
65	Sex Chromosomes and the Evolution of Sexual Dimorphism: Lessons from the Genome. <i>American Naturalist</i> , 2009, 173, 141-150.	2.1	183
66	The evolution of heterochiasmy: the role of sexual selection and sperm competition in determining sex-specific recombination rates in eutherian mammals. <i>Genetical Research</i> , 2009, 91, 355-363.	0.9	48
67	Cladogenetic correlates of genomic expansions in the recent evolution of actinopterygian fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 33-38.	2.6	22
68	COMPARATIVE PHYLOGENETIC ANALYSIS OF MALE ALTERNATIVE REPRODUCTIVE TACTICS IN RAY-FINNED FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1311-1316.	2.3	39
69	Phylogenetic conservation of chromosome numbers in Actinopterygian fishes. <i>Genetica</i> , 2006, 127, 321-327.	1.1	69
70	Sex chromosomes and male ornaments: a comparative evaluation in ray-finned fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 233-236.	2.6	43
71	Comparative phylogenetic analysis of male alternative reproductive tactics in ray-finned fishes. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1311-6.	2.3	12
72	PHYLOGENETIC PERSPECTIVES IN THE EVOLUTION OF PARENTAL CARE IN RAY-FINNED FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1570-1578.	2.3	147

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73	Phylogenetic perspectives in the evolution of parental care in ray-finned fishes. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1570-8.	2.3	36
74	Individual organisms as units of analysis: Bayesian-clustering alternatives in population genetics. <i>Genetical Research</i> , 2004, 84, 135-143.	0.9	36
75	Evolution of alternative sex-determining mechanisms in teleost fishes. <i>Biological Journal of the Linnean Society</i> , 0, 87, 83-93.	1.6	207