

Jason B Wolf

List of Publications by Year in descending order

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91
papers

6,762
citations

81900

39
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66911

78
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93
all docs

93
docs citations

93
times ranked

5252
citing authors

#	ARTICLE	IF	CITATIONS
1	Runaway evolution from male-male competition. <i>Ecology Letters</i> , 2022, 25, 295-306.	6.4	4
2	The genetic architecture underlying prey-dependent performance in a microbial predator. <i>Nature Communications</i> , 2022, 13, 319.	12.8	4
3	Mendel's laws of heredity on his 200th birthday: What have we learned by considering exceptions?. <i>Heredity</i> , 2022, 129, 1-3.	2.6	8
4	Developmental constraints enforce altruism and avert the tragedy of the commons in a social microbe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	4
5	Inferring Adaptive Codon Preference to Understand Sources of Selection Shaping Codon Usage Bias. <i>Molecular Biology and Evolution</i> , 2021, 38, 3247-3266.	8.9	14
6	Mutant resources for functional genomics in <i>Dictyostelium discoideum</i> using REMI-seq technology. <i>BMC Biology</i> , 2021, 19, 172.	3.8	15
7	Evolutionary robustness of killer meiotic drives. <i>Evolution Letters</i> , 2021, 5, 541-550.	3.3	1
8	Evolution of strategic cooperation. <i>Evolution Letters</i> , 2020, 4, 164-175.	3.3	3
9	Conditional expression explains molecular evolution of social genes in a microbe. <i>Nature Communications</i> , 2019, 10, 3284.	12.8	19
10	Individual Cryptic Scaling Relationships and the Evolution of Animal Form. <i>Integrative and Comparative Biology</i> , 2019, 59, 1411-1428.	2.0	9
11	Greenbeard Genes: Theory and Reality. <i>Trends in Ecology and Evolution</i> , 2019, 34, 1092-1103.	8.7	21
12	Genomic Perspective on Multivariate Variation, Pleiotropy, and Evolution. <i>Journal of Heredity</i> , 2019, 110, 479-493.	2.4	6
13	Evolutionary Quantitative Genetics of Genomic Imprinting. <i>Genetics</i> , 2019, 211, 75-88.	2.9	8
14	Strategic investment explains patterns of cooperation and cheating in a microbe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4823-E4832.	7.1	37
15	A polychromatic "greenbeard" locus determines patterns of cooperation in a social amoeba. <i>Nature Communications</i> , 2017, 8, 14171.	12.8	44
16	The coadaptation theory for genomic imprinting. <i>Evolution Letters</i> , 2017, 1, 49-59.	3.3	9
17	Evolutionary genetics of maternal effects. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 827-839.	2.3	45
18	The Genetic Architecture of Fluctuating Asymmetry of Mandible Size and Shape in a Population of Mice: Another Look. <i>Symmetry</i> , 2015, 7, 146-163.	2.2	22

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19	Coadaptation between Mother and Offspring: Why Not?. PLoS Biology, 2015, 13, e1002085.	5.6	5
20	Fitness Trade-offs Result in the Illusion of Social Success. Current Biology, 2015, 25, 1086-1090.	3.9	41
21	Developmental Programming Mediated by Complementary Roles of Imprinted Grb10 in Mother and Pup. PLoS Biology, 2014, 12, e1001799.	5.6	49
22	Quantitative genetic versions of Hamilton's rule with empirical applications. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130358.	4.0	37
23	Gene interactions in the evolution of genomic imprinting. Heredity, 2014, 113, 129-137.	2.6	10
24	The evolution of genomic imprinting: theories, predictions and empirical tests. Heredity, 2014, 113, 119-128.	2.6	120
25	Genomic imprinting: theories and data. Heredity, 2014, 113, 93-95.	2.6	2
26	Imprinted gene expression in hybrids: perturbed mechanisms and evolutionary implications. Heredity, 2014, 113, 167-175.	2.6	43
27	Evolutionary rates for multivariate traits: the role of selection and genetic variation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130252.	4.0	39
28	Genomic imprinting and parent-of-origin effects on complex traits. Nature Reviews Genetics, 2013, 14, 609-617.	16.3	219
29	Evolution of genomic imprinting as a coordinator of coadapted gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5085-5090.	7.1	30
30	Genotype-dependent responses to levels of sibling competition over maternal resources in mice. Heredity, 2012, 108, 515-520.	2.6	3
31	Detecting Maternal-Effect Loci by Statistical Cross-Fostering. Genetics, 2012, 191, 261-277.	2.9	15
32	Diet-Dependent Genetic and Genomic Imprinting Effects on Obesity in Mice. Obesity, 2011, 19, 160-170.	3.0	49
33	Genetic factors and diet affect long-bone length in the F34 LG,SM advanced intercross. Mammalian Genome, 2011, 22, 178-196.	2.2	25
34	The importance of context to the genetic architecture of diabetes-related traits is revealed in a genome-wide scan of a LG/J \times ASM/J murine model. Mammalian Genome, 2011, 22, 197-208.	2.2	38
35	Functional genetics of intraspecific ecological interactions in Arabidopsis thaliana. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 1358-1367.	4.0	22
36	Disentangling Prenatal and Postnatal Maternal Genetic Effects Reveals Persistent Prenatal Effects on Offspring Growth in Mice. Genetics, 2011, 189, 1069-1082.	2.9	28

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37	A Simple Mechanism for Complex Social Behavior. PLoS Biology, 2011, 9, e1001039.	5.6	36
38	Genetic Effects at Pleiotropic Loci Are Context-Dependent with Consequences for the Maintenance of Genetic Variation in Populations. PLoS Genetics, 2011, 7, e1002256.	3.5	47
39	INTERACTING PHENOTYPES AND THE EVOLUTIONARY PROCESS. III. SOCIAL EVOLUTION. Evolution; International Journal of Organic Evolution, 2010, 64, 2558-2574.	2.3	239
40	Fine-mapping of Obesity-related Quantitative Trait Loci in an F _{9/10} Advanced Intercross Line. Obesity, 2010, 18, 1383-1392.	3.0	30
41	Complex genotype interactions influence social fitness during the developmental phase of the social amoeba <i>Dictyostelium discoideum</i> . Journal of Evolutionary Biology, 2010, 23, 1664-1671.	1.7	25
42	Genetic, epigenetic, and gene-by-diet interaction effects underlie variation in serum lipids in a LG/J \times SM/J murine model. Journal of Lipid Research, 2010, 51, 2976-2984.	4.2	32
43	Change in maternal environment induced by cross-fostering alters genetic and epigenetic effects on complex traits in mice. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2949-2954.	2.6	43
44	Quantification of Social Behavior in <i>D. discoideum</i> Reveals Complex Fixed and Facultative Strategies. Current Biology, 2009, 19, 1373-1377.	3.9	93
45	Replication of long-bone length QTL in the F9-F10 LG,SM advanced intercross. Mammalian Genome, 2009, 20, 224-235.	2.2	32
46	A framework for detecting and characterizing genetic background-dependent imprinting effects. Mammalian Genome, 2009, 20, 681-698.	2.2	16
47	CYTONUCLEAR INTERACTIONS CAN FAVOR THE EVOLUTION OF GENOMIC IMPRINTING. Evolution; International Journal of Organic Evolution, 2009, 63, 1364-1371.	2.3	39
48	RELATIVE CONTRIBUTION OF ADDITIVE, DOMINANCE, AND IMPRINTING EFFECTS TO PHENOTYPIC VARIATION IN BODY SIZE AND GROWTH BETWEEN DIVERGENT SELECTION LINES OF MICE. Evolution; International Journal of Organic Evolution, 2009, 63, 1118-1128.	2.3	26
49	Selective abortion and the evolution of genomic imprinting. Journal of Evolutionary Biology, 2009, 22, 2519-2523.	1.7	20
50	What are maternal effects (and what are they not)? Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1107-1115.	4.0	422
51	The capture of heritable variation for genetic quality through social competition. Genetica, 2008, 134, 89-97.	1.1	22
52	THE MAINTENANCE OF HERITABLE VARIATION THROUGH SOCIAL COMPETITION. Evolution; International Journal of Organic Evolution, 2008, 62, 337-347.	2.3	42
53	A search for quantitative trait loci exhibiting imprinting effects on mouse mandible size and shape. Heredity, 2008, 101, 518-526.	2.6	49
54	Genetic Architecture of Adiposity and Organ Weight Using Combined Generation QTL Analysis. Obesity, 2008, 16, 1861-1868.	3.0	32

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55	Sex dependent imprinting effects on complex traits in mice. BMC Evolutionary Biology, 2008, 8, 303.	3.2	64
56	Maternal Effects as the Cause of Parent-of-Origin Effects That Mimic Genomic Imprinting. Genetics, 2008, 178, 1755-1762.	2.9	133
57	Pleiotropic Patterns of Quantitative Trait Loci for 70 Murine Skeletal Traits. Genetics, 2008, 178, 2275-2288.	2.9	74
58	Genomic imprinting effects on complex traits: A phenotype-based perspective. Epigenetics, 2008, 3, 295-299.	2.7	36
59	Genomic imprinting effects on adult body composition in mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4253-4258.	7.1	68
60	Genome-Wide Analysis Reveals a Complex Pattern of Genomic Imprinting in Mice. PLoS Genetics, 2008, 4, e1000091.	3.5	99
61	The role of social effects in selection for animal improvement. Revista Brasileira De Zootecnia, 2008, 37, 137-142.	0.8	0
62	Multilevel Selection 2: Estimating the Genetic Parameters Determining Inheritance and Response to Selection. Genetics, 2007, 175, 289-299.	2.9	183
63	The biology of multivariate evolution. Journal of Evolutionary Biology, 2007, 20, 24-27.	1.7	15
64	Indirect genetic effects from ecological interactions in Arabidopsis thaliana. Molecular Ecology, 2007, 16, 2371-2381.	3.9	60
65	GENETIC VARIATION IN PLEIOTROPY: DIFFERENTIAL EPISTASIS AS A SOURCE OF VARIATION IN THE ALLOMETRIC RELATIONSHIP BETWEEN LONG BONE LENGTHS AND BODY WEIGHT. Evolution; International Journal of Organic Evolution, 2007, 62, 071115145922006-???.	2.3	100
66	The contribution of epistatic pleiotropy to the genetic architecture of covariation among polygenic traits in mice. Evolution & Development, 2006, 8, 468-476.	2.0	55
67	Experimental Evolution of Phenotypic Plasticity: How Predictive Are Cross-Environment Genetic Correlations?. American Naturalist, 2006, 168, 323-335.	2.1	64
68	A Maternal-Offspring Coadaptation Theory for the Evolution of Genomic Imprinting. PLoS Biology, 2006, 4, e380.	5.6	181
69	Genetic architecture of Arabidopsis thaliana response to infection by Pseudomonas syringae. Heredity, 2005, 94, 507-517.	2.6	28
70	Epistatic Pleiotropy and the Genetic Architecture of Covariation Within Early and Late-Developing Skull Trait Complexes in Mice. Genetics, 2005, 171, 683-694.	2.9	76
71	Genetic architecture and evolutionary constraint when the environment contains genes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4655-4660.	7.1	150
72	The geometry of phenotypic evolution in developmental hyperspace. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15849-15851.	7.1	19

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73	Genetic Tools for Studying Adaptation and the Evolution of Behavior. American Naturalist, 2002, 160, S143-S159.	2.1	113
74	Contribution of maternal effect QTL to genetic architecture of early growth in mice. Heredity, 2002, 89, 300-310.	2.6	75
75	Integrating biotechnology and the behavioral sciences. Trends in Ecology and Evolution, 2001, 16, 117-119.	8.7	6
76	On the assignment of fitness to parents and offspring: whose fitness is it and when does it matter?. Journal of Evolutionary Biology, 2001, 14, 347-356.	1.7	168
77	DEVELOPMENTAL INTERACTIONS AND THE CONSTITUENTS OF QUANTITATIVE VARIATION. Evolution; International Journal of Organic Evolution, 2001, 55, 232-245.	2.3	59
78	DEVELOPMENTAL INTERACTIONS AND THE CONSTITUENTS OF QUANTITATIVE VARIATION. Evolution; International Journal of Organic Evolution, 2001, 55, 232.	2.3	6
79	GENE INTERACTIONS FROM MATERNAL EFFECTS. Evolution; International Journal of Organic Evolution, 2000, 54, 1882-1898.	2.3	102
80	GENE INTERACTIONS FROM MATERNAL EFFECTS. Evolution; International Journal of Organic Evolution, 2000, 54, 1882.	2.3	10
81	Interacting Phenotypes and the Evolutionary Process. II. Selection Resulting from Social Interactions. American Naturalist, 1999, 153, 254-266.	2.1	339
82	The role of maternal and paternal effects in the evolution of parental quality by sexual selection. Journal of Evolutionary Biology, 1999, 12, 1157-1167.	1.7	42
83	Evolutionary consequences of indirect genetic effects. Trends in Ecology and Evolution, 1998, 13, 64-69.	8.7	742
84	The Coadaptation of Parental and Offspring Characters. Evolution; International Journal of Organic Evolution, 1998, 52, 299.	2.3	79
85	THE COADAPTATION OF PARENTAL AND OFFSPRING CHARACTERS. Evolution; International Journal of Organic Evolution, 1998, 52, 299-308.	2.3	141
86	The Evolution Of Indicator Traits For Parental Quality: The Role Of Maternal And Paternal Effects. American Naturalist, 1997, 150, 639-649.	2.1	63
87	INTERACTING PHENOTYPES AND THE EVOLUTIONARY PROCESS: I. DIRECT AND INDIRECT GENETIC EFFECTS OF SOCIAL INTERACTIONS. Evolution; International Journal of Organic Evolution, 1997, 51, 1352-1362.	2.3	577
88	Interacting Phenotypes and the Evolutionary Process: I. Direct and Indirect Genetic Effects of Social Interactions. Evolution; International Journal of Organic Evolution, 1997, 51, 1352.	2.3	304
89	Genetic Mosaicism in Plants and Clonal Animals. Annual Review of Ecology, Evolution, and Systematics, 1995, 26, 423-444.	6.7	187
90	The quantitative genetics of social behaviour. , 0, , 29-54.		30

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91	The Genetics and Evolutionary Consequences of Maternal Effects. , 0, , 11-37.		20