

John H Werren

List of Publications by Year in descending order

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157
papers

21,397
citations

14644

66
h-index

10441

139
g-index

176
all docs

176
docs citations

176
times ranked

12284
citing authors

#	ARTICLE	IF	CITATIONS
1	Wolbachia: master manipulators of invertebrate biology. <i>Nature Reviews Microbiology</i> , 2008, 6, 741-751.	13.6	2,305
2	BIOLOGY OF WOLBACHIA. <i>Annual Review of Entomology</i> , 1997, 42, 587-609.	5.7	1,410
3	How many species are infected with Wolbachia? A statistical analysis of current data. <i>FEMS Microbiology Letters</i> , 2008, 281, 215-220.	0.7	1,071
4	Evolution and phylogeny of Wolbachia : reproductive parasites of arthropods. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 261, 55-63.	1.2	782
5	Multilocus Sequence Typing System for the Endosymbiont Wolbachia pipientis. <i>Applied and Environmental Microbiology</i> , 2006, 72, 7098-7110.	1.4	730
6	Wolbachia infection frequencies in insects: evidence of a global equilibrium?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 1277-1285.	1.2	699
7	Widespread Lateral Gene Transfer from Intracellular Bacteria to Multicellular Eukaryotes. <i>Science</i> , 2007, 317, 1753-1756.	6.0	693
8	Microorganisms associated with chromosome destruction and reproductive isolation between two insect species. <i>Nature</i> , 1990, 346, 558-560.	13.7	559
9	Molecular identification of microorganisms associated with parthenogenesis. <i>Nature</i> , 1993, 361, 66-68.	13.7	484
10	Wolbachia-induced incompatibility precedes other hybrid incompatibilities in <i>Nasonia</i> . <i>Nature</i> , 2001, 409, 707-710.	13.7	392
11	The role of selfish genetic elements in eukaryotic evolution. <i>Nature Reviews Genetics</i> , 2001, 2, 597-606.	7.7	355
12	Selfish genetic elements, genetic conflict, and evolutionary innovation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10863-10870.	3.3	353
13	Male-killing Wolbachia in two species of insect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 735-740.	1.2	343
14	The house spider genome reveals an ancient whole-genome duplication during arachnid evolution. <i>BMC Biology</i> , 2017, 15, 62.	1.7	286
15	Phylogeny of the <i>Nasonia</i> species complex (Hymenoptera: Pteromalidae) inferred from an internal transcribed spacer (ITS2) and 28S rDNA sequences. <i>Insect Molecular Biology</i> , 1994, 2, 225-237.	1.0	282
16	Holes in the Hologenome: Why Host-Microbe Symbioses Are Not Holobionts. <i>MBio</i> , 2016, 7, e02099.	1.8	260
17	Rickettsial relative associated with male killing in the ladybird beetle (<i>Adalia bipunctata</i>). <i>Journal of Bacteriology</i> , 1994, 176, 388-394.	1.0	256
18	Genome of the Asian longhorned beetle (<i>Anoplophora glabripennis</i>), a globally significant invasive species, reveals key functional and evolutionary innovations at the beetle-plant interface. <i>Genome Biology</i> , 2016, 17, 227.	3.8	244

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19	Cytoplasmic incompatibility and bacterial density in <i>Nasonia vitripennis</i> . <i>Genetics</i> , 1993, 135, 565-574.	1.2	237
20	Phylogenomic analysis reveals bees and wasps (Hymenoptera) at the base of the radiation of Holometabolous insects. <i>Genome Research</i> , 2006, 16, 1334-1338.	2.4	233
21	SEX DETERMINATION, SEX RATIOS, AND GENETIC CONFLICT. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1998, 29, 233-261.	6.7	231
22	Phylogeny of <i>Wolbachia pipientis</i> based on <i>gltA</i> , <i>groEL</i> and <i>ftsZ</i> gene sequences: clustering of arthropod and nematode symbionts in the F supergroup, and evidence for further diversity in the <i>Wolbachia</i> tree. <i>Microbiology (United Kingdom)</i> , 2005, 151, 4015-4022.	0.7	216
23	MODES OF ACQUISITION OF <i>WOLBACHIA</i> : HORIZONTAL TRANSFER, HYBRID INTROGRESSION, AND CODIVERGENCE IN THE <i>NASONIA</i> SPECIES COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 165-183.	1.1	215
24	Recombination in <i>Wolbachia</i> . <i>Current Biology</i> , 2001, 11, 431-435.	1.8	212
25	Rapidly Evolving Mitochondrial Genome and Directional Selection in Mitochondrial Genes in the Parasitic Wasp <i>Nasonia</i> (Hymenoptera: Pteromalidae). <i>Molecular Biology and Evolution</i> , 2008, 25, 2167-2180.	3.5	210
26	Widespread Recombination Throughout <i>Wolbachia</i> Genomes. <i>Molecular Biology and Evolution</i> , 2006, 23, 437-449.	3.5	209
27	Male-killing bacteria in a parasitic wasp. <i>Science</i> , 1986, 231, 990-992.	6.0	202
28	Single and Double Infections with <i>Wolbachia</i> in the Parasitic Wasp <i>Nasonia vitripennis</i> Effects on Compatibility. <i>Genetics</i> , 1996, 143, 961-972.	1.2	197
29	Selfish genetic elements. <i>Trends in Ecology and Evolution</i> , 1988, 3, 297-302.	4.2	189
30	A "selfish" B chromosome that enhances its transmission by eliminating the paternal genome. <i>Science</i> , 1988, 240, 512-514.	6.0	187
31	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. <i>Nature Communications</i> , 2016, 7, 10165.	5.8	184
32	Insights into the venom composition of the ectoparasitoid wasp <i>Nasonia vitripennis</i> from bioinformatic and proteomic studies. <i>Insect Molecular Biology</i> , 2010, 19, 11-26.	1.0	183
33	HYBRID BREAKDOWN BETWEEN TWO HAPLODIPLOID SPECIES: THE ROLE OF NUCLEAR AND CYTOPLASMIC GENES. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 705-717.	1.1	177
34	Mosaic Nature of the <i>Wolbachia</i> Surface Protein. <i>Journal of Bacteriology</i> , 2005, 187, 5406-5418.	1.0	176
35	Taxonomy of the order Mononegavirales: update 2017. <i>Archives of Virology</i> , 2017, 162, 2493-2504.	0.9	173
36	Induction of paternal genome loss by the paternal-sex-ratio chromosome and cytoplasmic incompatibility bacteria (<i>Wolbachia</i>): A comparative study of early embryonic events. <i>Molecular Reproduction and Development</i> , 1995, 40, 408-418.	1.0	172

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37	A Massive Expansion of Effector Genes Underlies Gall-Formation in the Wheat Pest <i>Mayetiola destructor</i> . <i>Current Biology</i> , 2015, 25, 613-620.	1.8	171
38	Function and Evolution of DNA Methylation in <i>Nasonia vitripennis</i> . <i>PLoS Genetics</i> , 2013, 9, e1003872.	1.5	162
39	Taxonomic status of the intracellular bacterium <i>Wolbachia pipientis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 654-657.	0.8	157
40	Biosystematics of <i>Nasonia</i> (Hymenoptera: Pteromalidae): Two New Species Reared from Birds' Nests in North America. <i>Annals of the Entomological Society of America</i> , 1990, 83, 352-370.	1.3	156
41	Multifaceted biological insights from a draft genome sequence of the tobacco hornworm moth, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 76, 118-147.	1.2	154
42	Revisiting <i>Wolbachia</i> Supergroup Typing Based on WSP: Spurious Lineages and Discordance with MLST. <i>Current Microbiology</i> , 2007, 55, 81-87.	1.0	150
43	Gene content evolution in the arthropods. <i>Genome Biology</i> , 2020, 21, 15.	3.8	150
44	The whole genome sequence of the Mediterranean fruit fly, <i>Ceratitis capitata</i> (Wiedemann), reveals insights into the biology and adaptive evolution of a highly invasive pest species. <i>Genome Biology</i> , 2016, 17, 192.	3.8	130
45	Genetics of Sex Determination and the Improvement of Biological Control Using Parasitoids. <i>Environmental Entomology</i> , 1992, 21, 427-435.	0.7	128
46	The Parasitoid Wasp <i>Nasonia</i> : An Emerging Model System with Haploid Male Genetics. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.emo134.	0.2	120
47	<i>Rickettsia</i> associated with male-killing in a buprestid beetle. <i>Heredity</i> , 2001, 86, 497-505.	1.2	116
48	Molecular evolutionary trends and feeding ecology diversification in the Hemiptera, anchored by the milkweed bug genome. <i>Genome Biology</i> , 2019, 20, 64.	3.8	114
49	<i>Wolbachia</i> infections in native and introduced populations of fire ants (<i>Solenopsis</i> spp.). <i>Insect Molecular Biology</i> , 2000, 9, 661-673.	1.0	113
50	An extrachromosomal factor causing loss of paternal chromosomes. <i>Nature</i> , 1987, 327, 75-76.	13.7	107
51	The Evolution of Venom by Co-option of Single-Copy Genes. <i>Current Biology</i> , 2017, 27, 2007-2013.e8.	1.8	99
52	INFLUENCE OF ANTIBIOTIC TREATMENT AND WOLBACHIA CURING ON SEXUAL ISOLATION AMONG <i>DROSOPHILA MELANOGASTER</i> CAGE POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 87-96.	1.1	98
53	Microbes Associated with Parthenogenesis in Wasps of the Genus <i>Trichogramma</i> . <i>Journal of Invertebrate Pathology</i> , 1993, 61, 6-9.	1.5	96
54	Comparative Analyses of DNA Methylation and Sequence Evolution Using <i>Nasonia</i> Genomes. <i>Molecular Biology and Evolution</i> , 2011, 28, 3345-3354.	3.5	95

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55	Effects of A and B Wolbachia and Host Genotype on Interspecies Cytoplasmic Incompatibility in <i>Nasonia</i> . <i>Genetics</i> , 1998, 148, 1833-1844.	1.2	92
56	Mapping of Hybrid Incompatibility Loci in <i>Nasonia</i> . <i>Genetics</i> , 1999, 153, 1731-1741.	1.2	90
57	THE EFFECT OF WOLBACHIA VERSUS GENETIC INCOMPATIBILITIES ON REINFORCEMENT AND SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1607-1619.	1.1	87
58	Extensive genomic diversity of closely related Wolbachia strains. <i>Microbiology (United Kingdom)</i> , 2009, 155, 2211-2222.	0.7	87
59	Obligate mutualism within a host drives the extreme specialization of a fig wasp genome. <i>Genome Biology</i> , 2013, 14, R141.	13.9	85
60	Host Genotype Determines Cytoplasmic Incompatibility Type in the Haplodiploid Genus <i>Nasonia</i> . <i>Genetics</i> , 2003, 164, 223-233.	1.2	84
61	Brood Size and Sex Ratio Regulation in the Parasitic Wasp <i>Nasonia vitripennis</i> (Walker) (Hymenoptera: Tj ETQq1 1,0,784314 rgBT /Ove	0,4	81
62	The Toxicogenome of <i>Hyalella azteca</i> : A Model for Sediment Ecotoxicology and Evolutionary Toxicology. <i>Environmental Science & Technology</i> , 2018, 52, 6009-6022.	4.6	79
63	Hybrid origin of a B chromosome (PSR) in the parasitic wasp <i>Nasonia vitripennis</i> . <i>Chromosoma</i> , 1997, 106, 243-253.	1.0	76
64	Wolbachia-Induced Unidirectional Cytoplasmic Incompatibility and Speciation: Mainland-Island Model. <i>PLoS ONE</i> , 2007, 2, e701.	1.1	75
65	Wolbachia and cytoplasmic incompatibility in mycophagous <i>Drosophila</i> and their relatives. <i>Heredity</i> , 1995, 75, 320-326.	1.2	74
66	Behavioral and genetic characteristics of a new species of <i>Nasonia</i> . <i>Heredity</i> , 2010, 104, 278-288.	1.2	74
67	Bidirectional incompatibility among divergent Wolbachia and incompatibility level differences among closely related Wolbachia in <i>Nasonia</i> . <i>Heredity</i> , 2007, 99, 278-287.	1.2	73
68	POPULATION GENETICS OF A PARASITIC CHROMOSOME: EXPERIMENTAL ANALYSIS OF PSR IN SUBDIVIDED POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1992, 46, 1257-1268.	1.1	68
69	Identification and characterization of the <i>doublesex</i> gene of <i>Nasonia</i> . <i>Insect Molecular Biology</i> , 2009, 18, 315-324.	1.0	67
70	Next-generation biological control: the need for integrating genetics and genomics. <i>Biological Reviews</i> , 2020, 95, 1838-1854.	4.7	67
71	Recombination and Its Impact on the Genome of the Haplodiploid Parasitoid Wasp <i>Nasonia</i> . <i>PLoS ONE</i> , 2010, 5, e8597.	1.1	66
72	Evolution of Shape by Multiple Regulatory Changes to a Growth Gene. <i>Science</i> , 2012, 335, 943-947.	6.0	66

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73	A Venom Serpin Splicing Isoform of the Endoparasitoid Wasp <i>Pteromalus puparum</i> Suppresses Host Prophenoloxidase Cascade by Forming Complexes with Host Hemolymph Proteinases. <i>Journal of Biological Chemistry</i> , 2017, 292, 1038-1051.	1.6	66
74	Selfish Mitonuclear Conflict. <i>Current Biology</i> , 2019, 29, R496-R511.	1.8	66
75	PSR (paternal sex ratio) chromosomes: the ultimate selfish genetic elements. <i>Genetica</i> , 2003, 117, 85-101.	0.5	65
76	<i>Nasonia vitripennis</i> venom causes targeted gene expression changes in its fly host. <i>Molecular Ecology</i> , 2014, 23, 5918-5930.	2.0	63
77	Parasitoid venom induces metabolic cascades in fly hosts. <i>Metabolomics</i> , 2015, 11, 350-366.	1.4	61
78	The Effect of <i>Wolbachia</i> on Genetic Divergence between Populations: Models with Two-Way Migration. <i>American Naturalist</i> , 2002, 160, S54-S66.	1.0	60
79	Brown marmorated stink bug, <i>Halyomorpha halys</i> (Stål), genome: putative underpinnings of polyphagy, insecticide resistance potential and biology of a top worldwide pest. <i>BMC Genomics</i> , 2020, 21, 227.	1.2	60
80	Combined effects of host quality and local mate competition on sex allocation in <i>Lariophagus distinguendus</i> . <i>Evolutionary Ecology</i> , 1989, 3, 203-213.	0.5	58
81	<i>Wolbachia</i> run amok. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 11154-11155.	3.3	58
82	Do <i>Wolbachia</i> influence fecundity in <i>Nasonia vitripennis</i> ?. <i>Heredity</i> , 2000, 84, 54-62.	1.2	58
83	Evolution of Tandemly Repeated Sequences: What Happens at the End of an Array?. <i>Journal of Molecular Evolution</i> , 1999, 48, 469-481.	0.8	57
84	The genetic basis of interspecies host preference differences in the model parasitoid <i>Nasonia</i> . <i>Heredity</i> , 2010, 104, 270-277.	1.2	57
85	Phylogeography of <i>Nasonia vitripennis</i> (Hymenoptera) indicates a mitochondrial <i>Wolbachia</i> sweep in North America. <i>Heredity</i> , 2010, 104, 318-326.	1.2	57
86	Comparative genomics of the miniature wasp and pest control agent <i>Trichogramma pretiosum</i> . <i>BMC Biology</i> , 2018, 16, 54.	1.7	57
87	Comparative Genomics of a Parthenogenesis-Inducing <i>Wolbachia</i> Symbiont. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2113-2123.	0.8	56
88	Genome-enabled insights into the biology of thrips as crop pests. <i>BMC Biology</i> , 2020, 18, 142.	1.7	54
89	Allele-Specific Transcriptome and Methylome Analysis Reveals Stable Inheritance and Cis-Regulation of DNA Methylation in <i>Nasonia</i> . <i>PLoS Biology</i> , 2016, 14, e1002500.	2.6	54
90	Effect of genotype on cytoplasmic incompatibility between two species of <i>Nasonia</i> . <i>Heredity</i> , 1993, 70, 428-436.	1.2	53

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91	Non-Coding Changes Cause Sex-Specific Wing Size Differences between Closely Related Species of <i>Nasonia</i> . <i>PLoS Genetics</i> , 2010, 6, e1000821.	1.5	53
92	Genetic and epigenetic architecture of sex-biased expression in the jewel wasps <i>Nasonia vitripennis</i> and <i>N. giraulti</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3545-54.	3.3	53
93	Insights into the venom composition and evolution of an endoparasitoid wasp by combining proteomic and transcriptomic analyses. <i>Scientific Reports</i> , 2016, 6, 19604.	1.6	53
94	Characterization of an Ancient Lepidopteran Lateral Gene Transfer. <i>PLoS ONE</i> , 2013, 8, e59262.	1.1	52
95	INTRASPECIFIC VARIATION IN SEXUAL ISOLATION IN THE JEWEL WASP <i>NASONIA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 567-573.	1.1	50
96	Origin of males by genome loss in an autoparasitoid wasp. <i>Heredity</i> , 1993, 70, 162-171.	1.2	48
97	Symbionts provide pesticide detoxification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8364-8365.	3.3	46
98	Evolutionary Rate Correlation between Mitochondrial-Encoded and Mitochondria-Associated Nuclear-Encoded Proteins in Insects. <i>Molecular Biology and Evolution</i> , 2019, 36, 1022-1036.	3.5	46
99	Laterally Transferred Gene Recruited as a Venom in Parasitoid Wasps. <i>Molecular Biology and Evolution</i> , 2016, 33, 1042-1052.	3.5	45
100	Maternal-offspring conflict leads to the evolution of dominant zygotic sex determination. <i>Heredity</i> , 2002, 88, 102-111.	1.2	43
101	The Genetic Basis of the Interspecific Differences in Wing Size in <i>Nasonia</i> (Hymenoptera; Pteromalidae): Major Quantitative Trait Loci and Epistasis. <i>Genetics</i> , 2002, 161, 673-684.	1.2	38
102	Transmission and expression of the parasitic paternal sex ratio (PSR) chromosome. <i>Heredity</i> , 1993, 70, 437-443.	1.2	37
103	Characterizing the Infection-Induced Transcriptome of <i>Nasonia vitripennis</i> Reveals a Preponderance of Taxonomically-Restricted Immune Genes. <i>PLoS ONE</i> , 2013, 8, e83984.	1.1	37
104	Larval RNAi in <i>Nasonia</i> (Parasitoid Wasp). <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5311.	0.2	35
105	Comparative Genomics of Two Closely Related <i>Wolbachia</i> with Different Reproductive Effects on Hosts. <i>Genome Biology and Evolution</i> , 2016, 8, 1526-1542.	1.1	35
106	OGS2: genome re-annotation of the jewel wasp <i>Nasonia vitripennis</i> . <i>BMC Genomics</i> , 2016, 17, 678.	1.2	35
107	A novel negative-stranded RNA virus mediates sex ratio in its parasitoid host. <i>PLoS Pathogens</i> , 2017, 13, e1006201.	2.1	35
108	A chromosome-level genome assembly of the parasitoid wasp <i>Pteromalus puparum</i> . <i>Molecular Ecology Resources</i> , 2020, 20, 1384-1402.	2.2	35

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109	Genome of the Parasitoid Wasp <i>Diachasma alloeum</i> , an Emerging Model for Ecological Speciation and Transitions to Asexual Reproduction. <i>Genome Biology and Evolution</i> , 2019, 11, 2767-2773.	1.1	34
110	Transfers of mitochondrial DNA to the nuclear genome in the wasp <i>Nasonia vitripennis</i> . <i>Insect Molecular Biology</i> , 2010, 19, 27-35.	1.0	33
111	Fine-Scale Mapping of the <i>Nasonia</i> Genome to Chromosomes Using a High-Density Genotyping Microarray. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 205-215.	0.8	33
112	Behavioral and spermatogenic hybrid male breakdown in <i>Nasonia</i> . <i>Heredity</i> , 2010, 104, 289-301.	1.2	32
113	A new approach for investigating venom function applied to venom calreticulin in a parasitoid wasp. <i>Toxicon</i> , 2015, 107, 304-316.	0.8	32
114	Maternal-Zygotic Gene Conflict Over Sex Determination: Effects of Inbreeding. <i>Genetics</i> , 2000, 155, 1469-1479.	1.2	30
115	Distribution and reproductive effects of <i>Wolbachia</i> in stalk-eyed flies (Diptera: Diopsidae). <i>Heredity</i> , 1998, 81, 254-260.	1.2	29
116	Distribution and fitness effects of the son-killer bacterium in <i>Nasonia</i> . <i>Evolutionary Ecology</i> , 1996, 10, 593-607.	0.5	28
117	Rearing <i>Sarcophaga bullata</i> Fly Hosts for <i>Nasonia</i> (Parasitoid Wasp). <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5308.	0.2	24
118	Conflicting signal in transcriptomic markers leads to a poorly resolved backbone phylogeny of chalcidoid wasps. <i>Systematic Entomology</i> , 2020, 45, 783-802.	1.7	23
119	Identification and Comparative Analysis of Venom Proteins in a Pupal Ectoparasitoid, <i>Pachycrepoideus vindemmiae</i> . <i>Frontiers in Physiology</i> , 2020, 11, 9.	1.3	21
120	Introgression study reveals two quantitative trait loci involved in interspecific variation in memory retention among <i>Nasonia</i> wasp species. <i>Heredity</i> , 2014, 113, 542-550.	1.2	20
121	Tissue-specific gene expression shows a cynipid wasp repurposes oak host gene networks to create a complex and novel parasite-specific organ. <i>Molecular Ecology</i> , 2022, 31, 3228-3240.	2.0	20
122	Phylogenomic Analysis of <i>Wolbachia</i> Strains Reveals Patterns of Genome Evolution and Recombination. <i>Genome Biology and Evolution</i> , 2020, 12, 2508-2520.	1.1	19
123	The genome of the stable fly, <i>Stomoxys calcitrans</i> , reveals potential mechanisms underlying reproduction, host interactions, and novel targets for pest control. <i>BMC Biology</i> , 2021, 19, 41.	1.7	19
124	The paternal-sex-ratio (PSR) chromosome in natural populations of <i>Nasonia</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	0.8	18
125	Distinct epigenomic and transcriptomic modifications associated with <i>Wolbachia</i> -mediated asexuality. <i>PLoS Pathogens</i> , 2020, 16, e1008397.	2.1	18
126	Detection of Prokaryotic Genes in the <i>Amphimedon queenslandica</i> Genome. <i>PLoS ONE</i> , 2016, 11, e0151092.	1.1	18

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127	Sawfly Genomes Reveal Evolutionary Acquisitions That Fostered the Mega-Radiation of Parasitoid and Eusocial Hymenoptera. <i>Genome Biology and Evolution</i> , 2020, 12, 1099-1188.	1.1	17
128	Mitochondrial DNA and their nuclear copies in the parasitic wasp <i>Pteromalus puparum</i> : A comparative analysis in Chalcidoidea. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 572-579.	3.6	15
129	Strain Maintenance of <i>Nasonia vitripennis</i> (Parasitoid Wasp). <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5307.	0.2	14
130	Venom is beneficial but not essential for development and survival of <i>Nasonia</i> . <i>Ecological Entomology</i> , 2018, 43, 146-153.	1.1	14
131	Genetic Incompatibilities Between Mitochondria and Nuclear Genes: Effect on Gene Flow and Speciation. <i>Frontiers in Genetics</i> , 2019, 10, 62.	1.1	14
132	Dobzhansky-Muller and Wolbachia-Induced Incompatibilities in a Diploid Genetic System. <i>PLoS ONE</i> , 2014, 9, e95488.	1.1	14
133	Genome Report: Whole Genome Sequence and Annotation of the Parasitoid Jewel Wasp <i>Nasonia giraulti</i> Laboratory Strain RV2X[u]. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2565-2572.	0.8	12
134	Jekyll or Hyde? The genome (and more) of <i>Nesidiocoris tenuis</i> , a zoophytophagous predatory bug that is both a biological control agent and a pest. <i>Insect Molecular Biology</i> , 2021, 30, 188-209.	1.0	12
135	Using the <i>Wolbachia</i> Bacterial Symbiont to Teach Inquiry-Based Science: A High School Laboratory Series. <i>American Biology Teacher</i> , 2010, 72, 478-483.	0.1	11
136	Dissection of the complex genetic basis of craniofacial anomalies using haploid genetics and interspecies hybrids in <i>Nasonia</i> wasps. <i>Developmental Biology</i> , 2016, 415, 391-405.	0.9	11
137	Genome and Ontogenetic-Based Transcriptomic Analyses of the Flesh Fly, <i>Sarcophaga bullata</i> . <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 1313-1320.	0.8	11
138	Sex biased expression and co-expression networks in development, using the hymenopteran <i>Nasonia vitripennis</i> . <i>PLoS Genetics</i> , 2020, 16, e1008518.	1.5	11
139	Genome Assembly of the A-Group <i>Wolbachia</i> in <i>Nasonia oneida</i> Using Linked-Reads Technology. <i>Genome Biology and Evolution</i> , 2019, 11, 3008-3013.	1.1	10
140	Comparative analysis reveals the expansion of mitochondrial DNA control region containing unusually high G-C tandem repeat arrays in <i>Nasonia vitripennis</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1246-1257.	3.6	9
141	Parasitoid Wasps and Their Venoms. , 2016, , 1-26.		9
142	Parasitoid Wasps and Their Venoms. <i>Toxinology</i> , 2017, , 187-212.	0.2	8
143	Meiotic and mitotic instability of two EMS-produced centric fragments in the haplodiploid wasp <i>Nasonia vitripennis</i> . <i>Heredity</i> , 2001, 87, 8-16.	1.2	7
144	Curing <i>Wolbachia</i> Infections in <i>Nasonia</i> (Parasitoid Wasp). <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5312.	0.2	7

#	ARTICLE	IF	CITATIONS
145	Evaluating the evolution and function of the dynamic Venom Y protein in ectoparasitoid wasps. <i>Insect Molecular Biology</i> , 2019, 28, 499-508.	1.0	5
146	Evolutionary Genetics of Microbial Symbiosis. <i>Genes</i> , 2021, 12, 327.	1.0	4
147	THE INTERSPECIFIC ORIGIN OF B CHROMOSOMES: EXPERIMENTAL EVIDENCE. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 55, 1069-1073.	1.1	3
148	Virgin Collection and Haplodiploid Crossing Methods in <i>Nasonia</i> (Parasitoid Wasp). <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5310-pdb.prot5310.	0.2	3
149	Field Collection of <i>Nasonia</i> (Parasitoid Wasp) Using Baits. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5313-pdb.prot5313.	0.2	3
150	Parasitoid wasp venom elevates sorbitol and alters expression of metabolic genes in human kidney cells. <i>Toxicon</i> , 2019, 161, 57-64.	0.8	3
151	Novel ACE2 protein interactions relevant to COVID-19 predicted by evolutionary rate correlations. <i>PeerJ</i> , 2021, 9, e12159.	0.9	3
152	Long-Read Assembly and Annotation of the Parasitoid Wasp <i>Muscidifurax raptorellus</i> , a Biological Control Agent for Filth Flies. <i>Frontiers in Genetics</i> , 2021, 12, 748135.	1.1	3
153	Egg Collection for <i>Nasonia</i> (Parasitoid Wasp). <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5309.	0.2	2
154	Genetic, morphometric, and molecular analyses of interspecies differences in head shape and hybrid developmental defects in the wasp genus <i>Nasonia</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	2
155	Symbiosis instruction: considerations from the education workshop at the 6th ISS Congress. <i>Symbiosis</i> , 2010, 51, 67-73.	1.2	1
156	Distribution and reproductive effects of <i>Wolbachia</i> in stalk-eyed flies (Diptera: Diopsidae). <i>Heredity</i> , 1998, 81, 254-260.	1.2	1
157	Functional characterization of the transcriptional regulatory elements of three highly expressed constitutive genes in the jewel wasp, <i>Nasonia vitripennis</i> . <i>Insect Molecular Biology</i> , 2017, 26, 743-751.	1.0	0