

Scott L O neill

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4373902/scott-l-oneill-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

201
papers

19,780
citations

73
h-index

138
g-index

206
ext. papers

22,767
ext. citations

7.4
avg, IF

6.71
L-index

#	Paper	IF	Citations
201	<i>Aedes aegypti</i> abundance and insecticide resistance profiles in the applying Wolbachia to eliminate dengue trial.. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0010284	4.8	1
200	Transient Introgression of Wolbachia into <i>Aedes aegypti</i> Populations Does Not Elicit an Antibody Response to Wolbachia Surface Protein in Community Members. <i>Pathogens</i> , 2022 , 11, 535	4.5	
199	The Metabolic Response to Infection With Wolbachia Implicates the Insulin/Insulin-Like-Growth Factor and Hypoxia Signaling Pathways in <i>Drosophila melanogaster</i> . <i>Frontiers in Ecology and Evolution</i> , 2021 , 9,	3.7	2
198	Efficacy of Wolbachia-Infected Mosquito Deployments for the Control of Dengue. <i>New England Journal of Medicine</i> , 2021 , 384, 2177-2186	59.2	59
197	Detection and Identification of Strains in Mosquito Eggs Using Attenuated Total Reflection Fourier Transform Infrared (ATR FT-IR) Spectroscopy. <i>Applied Spectroscopy</i> , 2021 , 75, 1003-1011	3.1	
196	Effectiveness of Wolbachia-infected mosquito deployments in reducing the incidence of dengue and other <i>Aedes</i> -borne diseases in Niterói Brazil: A quasi-experimental study. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009556	4.8	16
195	Large-Scale Deployment and Establishment of Into the Population in Rio de Janeiro, Brazil. <i>Frontiers in Microbiology</i> , 2021 , 12, 711107	5.7	6
194	Mel genome remains stable after 7 years in Australian field populations. <i>Microbial Genomics</i> , 2021 , 7,	4.4	1
193	Update to the AWED (Applying Wolbachia to Eliminate Dengue) trial study protocol: a cluster randomised controlled trial in Yogyakarta, Indonesia. <i>Trials</i> , 2020 , 21, 429	2.8	13
192	Multiple Wolbachia strains provide comparative levels of protection against dengue virus infection in <i>Aedes aegypti</i> . <i>PLoS Pathogens</i> , 2020 , 16, e1008433	7.6	21
191	Reduced dengue incidence following deployments of -infected in Yogyakarta, Indonesia: a quasi-experimental trial using controlled interrupted time series analysis. <i>Gates Open Research</i> , 2020 , 4, 50	2.4	46
190	How to engage communities on a large scale? Lessons from World Mosquito Program in Rio de Janeiro, Brazil. <i>Gates Open Research</i> , 2020 , 4, 109	2.4	8
189	Novel phenotype of Wolbachia strain wPip in <i>Aedes aegypti</i> challenges assumptions on mechanisms of Wolbachia-mediated dengue virus inhibition. <i>PLoS Pathogens</i> , 2020 , 16, e1008410	7.6	15
188	Stable establishment of wMel Wolbachia in <i>Aedes aegypti</i> populations in Yogyakarta, Indonesia. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008157	4.8	41
187	How to engage communities on a large scale? Lessons from World Mosquito Program in Rio de Janeiro, Brazil. <i>Gates Open Research</i> , 2020 , 4, 109	2.4	4
186	Detecting wMel Wolbachia in field-collected <i>Aedes aegypti</i> mosquitoes using loop-mediated isothermal amplification (LAMP). <i>Parasites and Vectors</i> , 2019 , 12, 404	4	20
185	The impact of large-scale deployment of mosquitoes on arboviral disease incidence in Rio de Janeiro and Niterói Brazil: study protocol for a controlled interrupted time series analysis using routine disease surveillance data. <i>F1000Research</i> , 2019 , 8, 1328	3.6	6

184	The impact of large-scale deployment of Wolbachia mosquitoes on dengue and other Aedes-borne diseases in Rio de Janeiro and Niterói Brazil: study protocol for a controlled interrupted time series analysis using routine disease surveillance data. <i>F1000Research</i> , 2019 , 8, 1328	3.6	4
183	Establishment of Mel in mosquitoes and reduction of local dengue transmission in Cairns and surrounding locations in northern Queensland, Australia. <i>Gates Open Research</i> , 2019 , 3, 1547	2.4	88
182	Establishment of wMel Wolbachia in Aedes aegypti mosquitoes and reduction of local dengue transmission in Cairns and surrounding locations in northern Queensland, Australia. <i>Gates Open Research</i> , 2019 , 3, 1547	2.4	75
181	The impact of city-wide deployment of -carrying mosquitoes on arboviral disease incidence in Medellín and Bello, Colombia: study protocol for an interrupted time-series analysis and a test-negative design study.. <i>F1000Research</i> , 2019 , 8, 1327	3.6	1
180	Wolbachia introduction into Lutzomyia longipalpis (Diptera: Psychodidae) cell lines and its effects on immune-related gene expression and interaction with Leishmania infantum. <i>Parasites and Vectors</i> , 2019 , 12, 33	4	15
179	Matching the genetics of released and local Aedes aegypti populations is critical to assure Wolbachia invasion. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007023	4.8	77
178	Differential suppression of persistent insect specific viruses in trans-infected wMel and wMelPop-CLA Aedes-derived mosquito lines. <i>Virology</i> , 2019 , 527, 141-145	3.6	10
177	Field- and clinically derived estimates of -mediated blocking of dengue virus transmission potential in mosquitoes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 361-366	11.5	75
176	The AWED trial (Applying Wolbachia to Eliminate Dengue) to assess the efficacy of Wolbachia-infected mosquito deployments to reduce dengue incidence in Yogyakarta, Indonesia: study protocol for a cluster randomised controlled trial. <i>Trials</i> , 2018 , 19, 302	2.8	42
175	Cluster-Randomized Test-Negative Design Trials: A Novel and Efficient Method to Assess the Efficacy of Community-Level Dengue Interventions. <i>American Journal of Epidemiology</i> , 2018 , 187, 2021-2028	3.8	12
174	Wolbachia-mediated virus blocking in mosquito cells is dependent on XRN1-mediated viral RNA degradation and influenced by viral replication rate. <i>PLoS Pathogens</i> , 2018 , 14, e1006879	7.6	29
173	Scaled deployment of Wolbachia to protect the community from dengue and other Aedes transmitted arboviruses. <i>Gates Open Research</i> , 2018 , 2, 36	2.4	147
172	Baseline Characterization of Dengue Epidemiology in Yogyakarta City, Indonesia, before a Randomized Controlled Trial of for Arboviral Disease Control. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 99, 1299-1307	3.2	13
171	Wolbachia infection alters the relative abundance of resident bacteria in adult Aedes aegypti mosquitoes, but not larvae. <i>Molecular Ecology</i> , 2018 , 27, 297-309	5.7	38
170	Epidemiological, Serological, and Virological Features of Dengue in Nha Trang City, Vietnam. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 98, 402-409	3.2	19
169	Scaled deployment of to protect the community from dengue and other transmitted arboviruses. <i>Gates Open Research</i> , 2018 , 2, 36	2.4	114
168	Controlling vector-borne diseases by releasing modified mosquitoes. <i>Nature Reviews Microbiology</i> , 2018 , 16, 508-518	22.2	150
167	The Use of Wolbachia by the World Mosquito Program to Interrupt Transmission of Aedes aegypti Transmitted Viruses. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1062, 355-360	3.6	66

166	Screening of Wolbachia Endosymbiont Infection in <i>Aedes aegypti</i> Mosquitoes Using Attenuated Total Reflection Mid-Infrared Spectroscopy. <i>Analytical Chemistry</i> , 2017 , 89, 5285-5293	7.8	18
165	A highly stable blood meal alternative for rearing <i>Aedes</i> and <i>Anopheles</i> mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006142	4.8	12
164	Local introduction and heterogeneous spatial spread of dengue-suppressing Wolbachia through an urban population of <i>Aedes aegypti</i> . <i>PLoS Biology</i> , 2017 , 15, e2001894	9.7	155
163	Comparison of Stable and Transient Wolbachia Infection Models in <i>Aedes aegypti</i> to Block Dengue and West Nile Viruses. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005275	4.8	39
162	wMel limits zika and chikungunya virus infection in a Singapore Wolbachia-introgressed <i>Ae. aegypti</i> strain, wMel-Sg. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005496	4.8	34
161	Novel Wolbachia-transinfected <i>Aedes aegypti</i> mosquitoes possess diverse fitness and vector competence phenotypes. <i>PLoS Pathogens</i> , 2017 , 13, e1006751	7.6	66
160	Response to: Comment on Rohrscheib et al. 2016 "Intensity of mutualism breakdown is determined by temperature not amplification of Wolbachia genes". <i>PLoS Pathogens</i> , 2017 , 13, e1006521	7.6	3
159	A Native Wolbachia Endosymbiont Does Not Limit Dengue Virus Infection in the Mosquito <i>Aedes notoscriptus</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2016 , 53, 401-8	2.2	13
158	Spatial and Temporal Variation in <i>Aedes aegypti</i> and <i>Aedes albopictus</i> (Diptera: Culicidae) Numbers in the Yogyakarta Area of Java, Indonesia, With Implications for Wolbachia Releases. <i>Journal of Medical Entomology</i> , 2016 , 53, 188-98	2.2	10
157	Establishment of a Wolbachia Superinfection in <i>Aedes aegypti</i> Mosquitoes as a Potential Approach for Future Resistance Management. <i>PLoS Pathogens</i> , 2016 , 12, e1005434	7.6	142
156	Intensity of Mutualism Breakdown Is Determined by Temperature Not Amplification of Wolbachia Genes. <i>PLoS Pathogens</i> , 2016 , 12, e1005888	7.6	15
155	Wolbachia mosquito control: Tested. <i>Science</i> , 2016 , 352, 526	33.3	11
154	Mutual exclusion of <i>Asaia</i> and Wolbachia in the reproductive organs of mosquito vectors. <i>Parasites and Vectors</i> , 2015 , 8, 278	4	77
153	Assessing the epidemiological effect of wolbachia for dengue control. <i>Lancet Infectious Diseases, The</i> , 2015 , 15, 862-6	25.5	52
152	THE DENGUE STOPPER. <i>Scientific American</i> , 2015 , 312, 72-7	0.5	6
151	Modeling the impact on virus transmission of Wolbachia-mediated blocking of dengue virus infection of <i>Aedes aegypti</i> . <i>Science Translational Medicine</i> , 2015 , 7, 279ra37	17.5	165
150	Field evaluation of the establishment potential of wMelPop Wolbachia in Australia and Vietnam for dengue control. <i>Parasites and Vectors</i> , 2015 , 8, 563	4	128
149	Wolbachia Reduces the Transmission Potential of Dengue-Infected <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003894	4.8	94

148	Competition for amino acids between Wolbachia and the mosquito host, <i>Aedes aegypti</i> . <i>Microbial Ecology</i> , 2014 , 67, 205-18	4.4	91
147	Comparative susceptibility of mosquito populations in North Queensland, Australia to oral infection with dengue virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014 , 90, 422-30	3.2	22
146	High anti-viral protection without immune upregulation after interspecies Wolbachia transfer. <i>PLoS ONE</i> , 2014 , 9, e99025	3.7	46
145	Wolbachia infection does not alter attraction of the mosquito <i>Aedes (Stegomyia) aegypti</i> to human odours. <i>Medical and Veterinary Entomology</i> , 2014 , 28, 457-60	2.4	5
144	Stability of the wMel Wolbachia Infection following invasion into <i>Aedes aegypti</i> populations. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3115	4.8	204
143	Limited dengue virus replication in field-collected <i>Aedes aegypti</i> mosquitoes infected with Wolbachia. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2688	4.8	229
142	Wolbachia small noncoding RNAs and their role in cross-kingdom communications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18721-6	11.5	55
141	Transinfected Wolbachia have minimal effects on male reproductive success in <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2013 , 6, 36	4	22
140	Draft genome sequence of the male-killing Wolbachia strain wBol1 reveals recent horizontal gene transfers from diverse sources. <i>BMC Genomics</i> , 2013 , 14, 20	4.5	49
139	Wolbachia uses a host microRNA to regulate transcripts of a methyltransferase, contributing to dengue virus inhibition in <i>Aedes aegypti</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 10276-81	11.5	152
138	Blood meal induced microRNA regulates development and immune associated genes in the Dengue mosquito vector, <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013 , 43, 146-52	4.5	67
137	Beyond insecticides: new thinking on an ancient problem. <i>Nature Reviews Microbiology</i> , 2013 , 11, 181-93	22.2	257
136	Wolbachia interferes with the intracellular distribution of Argonaute 1 in the dengue vector <i>Aedes aegypti</i> by manipulating the host microRNAs. <i>RNA Biology</i> , 2013 , 10, 1868-75	4.8	34
135	The toll and Imd pathways are not required for wolbachia-mediated dengue virus interference. <i>Journal of Virology</i> , 2013 , 87, 11945-9	6.6	60
134	Dietary cholesterol modulates pathogen blocking by Wolbachia. <i>PLoS Pathogens</i> , 2013 , 9, e1003459	7.6	177
133	Wolbachia-associated bacterial protection in the mosquito <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2362	4.8	87
132	Genomic evolution of the pathogenic Wolbachia strain, wMelPop. <i>Genome Biology and Evolution</i> , 2013 , 5, 2189-204	3.9	77
131	Infection with a Virulent Strain of Wolbachia Disrupts Genome Wide-Patterns of Cytosine Methylation in the Mosquito <i>Aedes aegypti</i> . <i>PLoS ONE</i> , 2013 , 8, e66482	3.7	46

130	A portable approach for the surveillance of dengue virus-infected mosquitoes. <i>Journal of Virological Methods</i> , 2012 , 183, 90-3	2.6	15
129	Influence of the virus LbFV and of Wolbachia in a host-parasitoid interaction. <i>PLoS ONE</i> , 2012 , 7, e35081	3.7	24
128	Why do we need alternative tools to control mosquito-borne diseases in Latin America?. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012 , 107, 828-9	2.6	29
127	Tandem repeat markers as novel diagnostic tools for high resolution fingerprinting of Wolbachia. <i>BMC Microbiology</i> , 2012 , 12 Suppl 1, S12	4.5	35
126	The small interfering RNA pathway is not essential for Wolbachia-mediated antiviral protection in <i>Drosophila melanogaster</i> . <i>Applied and Environmental Microbiology</i> , 2012 , 78, 6773-6	4.8	31
125	The relative importance of innate immune priming in Wolbachia-mediated dengue interference. <i>PLoS Pathogens</i> , 2012 , 8, e1002548	7.6	214
124	Impact of Wolbachia on infection with chikungunya and yellow fever viruses in the mosquito vector <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1892	4.8	247
123	Antiviral protection and the importance of Wolbachia density and tissue tropism in <i>Drosophila simulans</i> . <i>Applied and Environmental Microbiology</i> , 2012 , 78, 6922-9	4.8	156
122	Impacts of Wolbachia infection on predator prey relationships: evaluating survival and horizontal transfer between wMelPop infected <i>Aedes aegypti</i> and its predators. <i>Journal of Medical Entomology</i> , 2012 , 49, 624-30	2.2	20
121	Wolbachia-induced aae-miR-12 miRNA negatively regulates the expression of MCT1 and MCM6 genes in Wolbachia-infected mosquito cell line. <i>PLoS ONE</i> , 2012 , 7, e50049	3.7	46
120	Successful establishment of Wolbachia in <i>Aedes</i> populations to suppress dengue transmission. <i>Nature</i> , 2011 , 476, 454-7	50.4	984
119	The wMelPop strain of Wolbachia interferes with dopamine levels in <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2011 , 4, 28	4	22
118	Infection with the wMel and wMelPop strains of Wolbachia leads to higher levels of melanization in the hemolymph of <i>Drosophila melanogaster</i> , <i>Drosophila simulans</i> and <i>Aedes aegypti</i> . <i>Developmental and Comparative Immunology</i> , 2011 , 35, 360-5	3.2	32
117	A simple protocol to obtain highly pure Wolbachia endosymbiont DNA for genome sequencing. <i>Journal of Microbiological Methods</i> , 2011 , 84, 134-6	2.8	19
116	A secure semi-field system for the study of <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e988	4.8	46
115	Functional test of the influence of Wolbachia genes on cytoplasmic incompatibility expression in <i>Drosophila melanogaster</i> . <i>Insect Molecular Biology</i> , 2011 , 20, 75-85	3.4	36
114	Improved accuracy of the transcriptional profiling method of age grading in <i>Aedes aegypti</i> mosquitoes under laboratory and semi-field cage conditions and in the presence of Wolbachia infection. <i>Insect Molecular Biology</i> , 2011 , 20, 215-24	3.4	15
113	Wolbachia and the biological control of mosquito-borne disease. <i>EMBO Reports</i> , 2011 , 12, 508-18	6.5	269

112	The wMel Wolbachia strain blocks dengue and invades caged <i>Aedes aegypti</i> populations. <i>Nature</i> , 2011 , 476, 450-3	50.4	841
111	Identification of yeast associated with the planthopper, <i>Perkinsiella saccharicida</i> : potential applications for Fiji leaf gall control. <i>Current Microbiology</i> , 2011 , 63, 392-401	2.4	14
110	A Wolbachia symbiont in <i>Aedes aegypti</i> disrupts mosquito egg development to a greater extent when mosquitoes feed on nonhuman versus human blood. <i>Journal of Medical Entomology</i> , 2011 , 48, 76-84 ²	2.2	41
109	Variable infection frequency and high diversity of multiple strains of <i>Wolbachia pipientis</i> in <i>Perkinsiella</i> Planthoppers. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 2165-8	4.8	34
108	Wolbachia uses host microRNAs to manipulate host gene expression and facilitate colonization of the dengue vector <i>Aedes aegypti</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9250-5	11.5	176
107	Dynamics of the "popcorn" Wolbachia infection in outbred <i>Aedes aegypti</i> informs prospects for mosquito vector control. <i>Genetics</i> , 2011 , 187, 583-95	4	133
106	Rapid spread of male-killing Wolbachia in the butterfly <i>Hypolimnas bolina</i> . <i>Journal of Evolutionary Biology</i> , 2010 , 23, 231-5	2.3	21
105	Wolbachia-mediated resistance to dengue virus infection and death at the cellular level. <i>PLoS ONE</i> , 2010 , 5, e13398	3.7	142
104	A virulent Wolbachia infection decreases the viability of the dengue vector <i>Aedes aegypti</i> during periods of embryonic quiescence. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e748	4.8	110
103	Investigation of environmental influences on a transcriptional assay for the prediction of age of <i>Aedes aegypti</i> (Diptera: Culicidae) mosquitoes. <i>Journal of Medical Entomology</i> , 2010 , 47, 1044-52	2.2	6
102	Male-Killing Wolbachia in the Butterfly <i>Hypolimnas bolina</i> 2010 , 209-227		2
101	Beyond the back yard: Lay knowledge about <i>Aedes aegypti</i> in northern Australia and its implications for policy and practice. <i>Acta Tropica</i> , 2010 , 116, 74-80	3.2	23
100	Assessing key safety concerns of a Wolbachia-based strategy to control dengue transmission by <i>Aedes</i> mosquitoes. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2010 , 105, 957-64	2.6	54
99	Field validation of a transcriptional assay for the prediction of age of uncaged <i>Aedes aegypti</i> mosquitoes in Northern Australia. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e608	4.8	18
98	Wolbachia infection reduces blood-feeding success in the dengue fever mosquito, <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2009 , 3, e516	4.8	128
97	Increased locomotor activity and metabolism of <i>Aedes aegypti</i> infected with a life-shortening strain of <i>Wolbachia pipientis</i> . <i>Journal of Experimental Biology</i> , 2009 , 212, 1436-41	3	76
96	Structural and functional characterization of the oxidoreductase alpha-DsbA1 from <i>Wolbachia pipientis</i> . <i>Antioxidants and Redox Signaling</i> , 2009 , 11, 1485-500	8.4	35
95	Variation in antiviral protection mediated by different <i>Wolbachia</i> strains in <i>Drosophila simulans</i> . <i>PLoS Pathogens</i> , 2009 , 5, e1000656	7.6	257

94	Evidence for metabolic provisioning by a common invertebrate endosymbiont, <i>Wolbachia pipientis</i> , during periods of nutritional stress. <i>PLoS Pathogens</i> , 2009 , 5, e1000368	7.6	254
93	An ancient horizontal gene transfer between mosquito and the endosymbiotic bacterium <i>Wolbachia pipientis</i> . <i>Molecular Biology and Evolution</i> , 2009 , 26, 367-74	8.3	84
92	Human probing behavior of <i>Aedes aegypti</i> when infected with a life-shortening strain of <i>Wolbachia</i> . <i>PLoS Neglected Tropical Diseases</i> , 2009 , 3, e568	4.8	77
91	Absence of the symbiont <i>Candidatus Midichloria mitochondrii</i> in the mitochondria of the tick <i>Ixodes holocyclus</i> . <i>FEMS Microbiology Letters</i> , 2009 , 299, 241-7	2.9	23
90	A <i>Wolbachia</i> symbiont in <i>Aedes aegypti</i> limits infection with dengue, Chikungunya, and Plasmodium. <i>Cell</i> , 2009 , 139, 1268-78	56.2	1073
89	Stable introduction of a life-shortening <i>Wolbachia</i> infection into the mosquito <i>Aedes aegypti</i> . <i>Science</i> , 2009 , 323, 141-4	33.3	656
88	Cloning, expression, purification and characterization of a DsbA-like protein from <i>Wolbachia pipientis</i> . <i>Protein Expression and Purification</i> , 2008 , 59, 266-73	2	7
87	Guidance for contained field trials of vector mosquitoes engineered to contain a gene drive system: recommendations of a scientific working group. <i>Vector-Borne and Zoonotic Diseases</i> , 2008 , 8, 127-66	2.4	79
86	Genome evolution of <i>Wolbachia</i> strain wPip from the <i>Culex pipiens</i> group. <i>Molecular Biology and Evolution</i> , 2008 , 25, 1877-87	8.3	179
85	"Endomicrobia" and other bacteria associated with the hindgut of <i>Dermolepida albohirtum</i> larvae. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 762-7	4.8	17
84	Assessment of gut bacteria for a paratransgenic approach to control <i>Dermolepida albohirtum</i> larvae. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 4036-43	4.8	17
83	Host adaptation of a <i>Wolbachia</i> strain after long-term serial passage in mosquito cell lines. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 6963-9	4.8	112
82	In vitro rearing of <i>Perkinsiella saccharicida</i> and the use of leaf segments to assay Fiji disease virus transmission. <i>Phytopathology</i> , 2008 , 98, 810-4	3.8	5
81	Crystallization and preliminary diffraction analysis of a DsbA homologue from <i>Wolbachia pipientis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008 , 64, 94-7		2
80	<i>Wolbachia</i> and virus protection in insects. <i>Science</i> , 2008 , 322, 702	33.3	799
79	Modifying insect population age structure to control vector-borne disease. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 627, 126-40	3.6	83
78	<i>Wolbachia</i> : invasion biology in South Pacific butterflies. <i>Current Biology</i> , 2007 , 17, R220-1	6.3	2
77	Taxonomic status of the intracellular bacterium <i>Wolbachia pipientis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 654-657	2.2	140

76	Male development time influences the strength of Wolbachia-induced cytoplasmic incompatibility expression in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2007 , 177, 801-8	4	81
75	Evolutionary dynamics of insect symbiont associations. <i>Trends in Ecology and Evolution</i> , 2007 , 22, 625-7	10.9	18
74	Wolbachia-host interactions: connecting phenotype to genotype. <i>Current Opinion in Microbiology</i> , 2007 , 10, 221-4	7.9	37
73	Predicting the age of mosquitoes using transcriptional profiles. <i>Nature Protocols</i> , 2007 , 2, 2796-806	18.8	31
72	A Rapid Single-Step Multiplex Method for Discriminating Between <i>Trichogramma</i> (Hymenoptera: Trichogrammatidae) Species in Australia. <i>Journal of Economic Entomology</i> , 2006 , 99, 2142-2145	2.2	12
71	The use of transcriptional profiles to predict adult mosquito age under field conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18060-5	11.5	80
70	The Genus <i>Wolbachia</i> 2006 , 547-561		5
69	New names for old strains? <i>Wolbachia</i> wSim is actually wRi. <i>Genome Biology</i> , 2005 , 6, 401; author reply 401	18.3	8
68	Evidence of a spotted fever-like rickettsia and a potential new vector from northeastern Australia. <i>Journal of Medical Entomology</i> , 2005 , 42, 918-21	2.2	16
67	<i>Wolbachia</i> genomes: insights into an intracellular lifestyle. <i>Current Biology</i> , 2005 , 15, R507-9	6.3	27
66	Evidence for a global <i>Wolbachia</i> replacement in <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2005 , 15, 1428-33	6.3	181
65	Distribution, expression, and motif variability of ankyrin domain genes in <i>Wolbachia pipientis</i> . <i>Journal of Bacteriology</i> , 2005 , 187, 5136-45	3.5	114
64	Phylogenomics of the reproductive parasite <i>Wolbachia pipientis</i> wMel: a streamlined genome overrun by mobile genetic elements. <i>PLoS Biology</i> , 2004 , 2, E69	9.7	613
63	<i>Wolbachia</i> replication and host cell division in <i>Aedes albopictus</i> . <i>Current Microbiology</i> , 2004 , 49, 10-2	2.4	19
62	<i>Wolbachia pipientis</i> : intracellular infection and pathogenesis in <i>Drosophila</i> . <i>Current Opinion in Microbiology</i> , 2004 , 7, 67-70	7.9	81
61	Molecular phylogeny of <i>Wolbachia</i> endosymbionts in Southeast Asian mosquitoes (Diptera: Culicidae) based on <i>wsp</i> gene sequences. <i>Journal of Medical Entomology</i> , 2003 , 40, 1-5	2.2	24
60	The potential of virulent <i>Wolbachia</i> to modulate disease transmission by insects. <i>Journal of Invertebrate Pathology</i> , 2003 , 84, 24-9	2.6	107
59	Development of a physical and genetic map of the virulent <i>Wolbachia</i> strain wMelPop. <i>Journal of Bacteriology</i> , 2003 , 185, 7077-84	3.5	28

58	Wolbachia infections of tephritid fruit flies: molecular evidence for five distinct strains in a single host species. <i>Current Microbiology</i> , 2002 , 45, 255-60	2.4	62
57	Host age effect and expression of cytoplasmic incompatibility in field populations of Wolbachia-superinfected <i>Aedes albopictus</i> . <i>Heredity</i> , 2002 , 88, 270-4	3.6	56
56	Wolbachia density and virulence attenuation after transfer into a novel host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 2918-23	11.5	237
55	Wolbachia Infection in the Coffee Berry Borer (Coleoptera: Scolytidae). <i>Annals of the Entomological Society of America</i> , 2002 , 95, 374-378	2	35
54	Characterization of Wolbachia host cell range via the in vitro establishment of infections. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 656-60	4.8	73
53	Maternal transmission efficiency of Wolbachia superinfections in <i>Aedes albopictus</i> populations in Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002 , 66, 103-7	3.2	54
52	Field prevalence of Wolbachia in the mosquito vector <i>Aedes albopictus</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2002 , 66, 108-11	3.2	58
51	Prospects for control of African trypanosomiasis by tsetse vector manipulation. <i>Trends in Parasitology</i> , 2001 , 17, 29-35	6.4	65
50	Wolbachia infections of phlebotomine sand flies (Diptera: Psychodidae). <i>Journal of Medical Entomology</i> , 2001 , 38, 237-41	2.2	53
49	Wolbachia-mediated sperm modification is dependent on the host genotype in <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001 , 268, 2565-70	4.4	81
48	Determination of Wolbachia genome size by pulsed-field gel electrophoresis. <i>Journal of Bacteriology</i> , 2001 , 183, 2219-25	3.5	71
47	Prospects for control of African trypanosomiasis by tsetse vector manipulation. <i>Parasitology Today</i> , 2001 , 17, 29-35		3
46	Wolbachia neither induces nor suppresses transcripts encoding antimicrobial peptides. <i>Insect Molecular Biology</i> , 2000 , 9, 635-9	3.4	120
45	Tissue distribution and prevalence of Wolbachia infections in tsetse flies, <i>Glossina</i> spp. <i>Medical and Veterinary Entomology</i> , 2000 , 14, 44-50	2.4	132
44	wsp gene sequences from the Wolbachia of filarial nematodes. <i>Current Microbiology</i> , 2000 , 41, 96-100	2.4	71
43	Wolbachia infection and expression of cytoplasmic incompatibility in <i>Armigeres subalbatus</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2000 , 37, 53-7	2.2	31
42	Distribution and diversity of Wolbachia infections in Southeast Asian mosquitoes (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2000 , 37, 340-5	2.2	146
41	Francisella-like endosymbionts of ticks. <i>Journal of Invertebrate Pathology</i> , 2000 , 76, 301-3	2.6	62

40	Distribution and Diversity of Wolbachia Infections in Southeast Asian Mosquitoes (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2000 , 37, 340-345	2.2	61
39	A stable triple Wolbachia infection in Drosophila with nearly additive incompatibility effects. <i>Heredity</i> , 1999 , 82 (Pt 6), 620-7	3.6	72
38	Semliki Forest virus as an expression vector in insect cell lines. <i>Insect Molecular Biology</i> , 1999 , 8, 409-14	3.4	3
37	Wolbachia: why these bacteria are important to genome research. <i>Microbial & Comparative Genomics</i> , 1999 , 4, 159		2
36	Wolbachia infections are distributed throughout insect somatic and germ line tissues. <i>Insect Biochemistry and Molecular Biology</i> , 1999 , 29, 153-60	4.5	299
35	Evolution of Wolbachia pipientis transmission dynamics in insects. <i>Trends in Microbiology</i> , 1999 , 7, 297-302	2.4	30
34	Gene organization of the dnaA region of Wolbachia. <i>Journal of Bacteriology</i> , 1999 , 181, 4708-10	3.5	2
33	A mosquito densovirus infecting Aedes aegypti and Aedes albopictus from Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 1999 , 61, 612-7	3.2	35
32	Rescuing Wolbachia have been overlooked. <i>Nature</i> , 1998 , 391, 852-3	50.4	142
31	Analysis of Wolbachia protein synthesis in Drosophila in vivo. <i>Insect Molecular Biology</i> , 1998 , 7, 101-5	3.4	15
30	"Wolbachia" Infections and Arthropod Reproduction. <i>BioScience</i> , 1998 , 48, 287-293	5.7	105
29	Phylogeny and PCR-based classification of Wolbachia strains using wsp gene sequences. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 509-15	4.4	880
28	Cloning and characterization of a gene encoding the major surface protein of the bacterial endosymbiont Wolbachia pipientis. <i>Journal of Bacteriology</i> , 1998 , 180, 2373-8	3.5	472
27	Control of Vector-Borne Disease by Genetic Manipulation of Insect Populations: Technological Requirements and Research Priorities. <i>Australian Journal of Entomology</i> , 1997 , 36, 309-317		15
26	In vitro cultivation of Wolbachia pipientis in an Aedes albopictus cell line. <i>Insect Molecular Biology</i> , 1997 , 6, 33-9	3.4	139
25	PCR-based detection and identification of insect symbionts 1997 , 561-566		
24	Wolbachia pipientis: bacterial density and unidirectional cytoplasmic incompatibility between infected populations of Aedes albopictus. <i>Experimental Parasitology</i> , 1995 , 81, 284-91	2.1	101
23	Insect densoviruses may be widespread in mosquito cell lines. <i>Journal of General Virology</i> , 1995 , 76 (Pt 8), 2067-74	4.9	51

22	Wolbachia pipientis: symbiont or parasite?. <i>Parasitology Today</i> , 1995 , 11, 168-9		17
21	Wolbachia superinfections and the expression of cytoplasmic incompatibility. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995 , 261, 325-30	4.4	192
20	Wolbachia infections and the expression of cytoplasmic incompatibility in <i>Drosophila sechellia</i> and <i>D. mauritiana</i> . <i>Genetics</i> , 1995 , 140, 1307-17	4	138
19	Replacement of the natural Wolbachia symbiont of <i>Drosophila simulans</i> with a mosquito counterpart. <i>Nature</i> , 1994 , 367, 453-5	50.4	156
18	Modification of arthropod vector competence via symbiotic bacteria. <i>Parasitology Today</i> , 1993 , 9, 179-83		126
17	Phylogenetically distant symbiotic microorganisms reside in <i>Glossina</i> midgut and ovary tissues. <i>Medical and Veterinary Entomology</i> , 1993 , 7, 377-83	2.4	108
16	Genetic transformation and phylogeny of bacterial symbionts from tsetse. <i>Insect Molecular Biology</i> , 1993 , 1, 123-31	3.4	86
15	Interspecific and intraspecific horizontal transfer of Wolbachia in <i>Drosophila</i> . <i>Science</i> , 1993 , 260, 1796-9	33.3	294
14	16S rRNA phylogenetic analysis of the bacterial endosymbionts associated with cytoplasmic incompatibility in insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 2699-702	11.5	918
13	Crossing type variability associated with cytoplasmic incompatibility in Australian populations of the mosquito <i>Culex quinquefasciatus</i> Say. <i>Medical and Veterinary Entomology</i> , 1992 , 6, 209-16	2.4	27
12	Cytoplasmic incompatibility in <i>Drosophila</i> populations: influence of assortative mating on symbiont distribution. <i>Journal of Invertebrate Pathology</i> , 1991 , 58, 436-43	2.6	8
11	Bidirectional incompatibility between conspecific populations of <i>Drosophila simulans</i> . <i>Nature</i> , 1990 , 348, 178-80	50.4	340
10	Cytoplasmic symbionts in <i>Tribolium confusum</i> . <i>Journal of Invertebrate Pathology</i> , 1989 , 53, 132-134	2.6	26
9	SOCIAL BEHAVIOUR AND ITS RELATIONSHIP TO FIELD DISTRIBUTION IN PANESTHIA CRIBRATA SAUSSURE (BLATTODEA: BLABERIDAE). <i>Australian Journal of Entomology</i> , 1987 , 26, 313-321		16
8	Scaled deployment of Wolbachia to protect the community from Aedes transmitted arboviruses. <i>Gates Open Research</i> , 2 , 36	2.4	20
7	The impact of city-wide deployment of Wolbachia-carrying mosquitoes on arboviral disease incidence in Medellin and Bello, Colombia: study protocol for an interrupted time-series analysis and a test-negative design study. <i>F1000Research</i> , 8 , 1327	3.6	1
6	Novel phenotype of Wolbachia strain wPip in <i>Aedes aegypti</i> challenges assumptions on mechanisms of Wolbachia-mediated dengue virus inhibition		2
5	Reduced dengue incidence following deployments of Wolbachia-infected <i>Aedes aegypti</i> in Yogyakarta, Indonesia: a quasi-experimental trial using controlled interrupted time series analysis		2

4	Large-scale deployment and establishment of Wolbachia into the <i>Aedes aegypti</i> population in Rio de Janeiro, Brazil		1
3	Effectiveness of Wolbachia-infected mosquito deployments in reducing the incidence of dengue and other <i>Aedes</i> -borne diseases in Niterói, Brazil: a quasi-experimental study		3
2	Environmental factors influence the local establishment of Wolbachia in <i>Aedes aegypti</i> mosquitoes in two small communities in central Vietnam. <i>Gates Open Research</i> ,5, 147	2.4	1
1	Environmental factors influence the local establishment of Wolbachia in <i>Aedes aegypti</i> mosquitoes in two small communities in central Vietnam. <i>Gates Open Research</i> ,5, 147	2.4	1