

The wMel Wolbachia strain blocks dengue and invades C

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Successful establishment of <i>Wolbachia</i> in <i>Aedes</i> populations to suppress dengue transmission. <i>Nature</i> , 2011, 476, 454-457.	13.7	1,261
2	<i>Wolbachia</i> Enhance <i>Drosophila</i> Stem Cell Proliferation and Target the Germline Stem Cell Niche. <i>Science</i> , 2011, 334, 990-992.	6.0	183
3	Genetic and cytogenetic analysis of the American cherry fruit fly, <i>Rhagoletis cingulata</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 60	0.5	21
4	Mosquitoes attacked from within. <i>Nature</i> , 2011, 476, 407-408.	13.7	16
5	Controlling Dengue with Vaccines in Thailand. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1876.	1.3	74
6	The Relative Importance of Innate Immune Priming in <i>Wolbachia</i> -Mediated Dengue Interference. <i>PLoS Pathogens</i> , 2012, 8, e1002548.	2.1	288
7	<i>Wolbachia</i> Induces Density-Dependent Inhibition to Dengue Virus in Mosquito Cells. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1754.	1.3	229
8	Impact of <i>Wolbachia</i> 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.	1.3	334
9	The Native <i>Wolbachia</i> Symbionts Limit Transmission of Dengue Virus in <i>Aedes albopictus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1989.	1.3	174
10	Comparative Genomics Suggests an Independent Origin of Cytoplasmic Incompatibility in <i>Cardinium hertigii</i> . <i>PLoS Genetics</i> , 2012, 8, e1003012.	1.5	135
11	Considerations in the Design of Clinical Trials to Test Novel Entomological Approaches to Dengue Control. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1937.	1.3	35
12	International Entomology. <i>American Entomologist</i> , 2012, 58, 234-246.	0.1	4
13	Reactive Oxygen Species Production and <i>Brugia pahangi</i> Survivorship in <i>Aedes polynesiensis</i> with Artificial <i>Wolbachia</i> Infection Types. <i>PLoS Pathogens</i> , 2012, 8, e1003075.	2.1	44
14	Cultivation-Independent Methods Reveal Differences among Bacterial Gut Microbiota in Triatomine Vectors of Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1631.	1.3	92
15	Phenomenological Models in the Age of Systems Biology. <i>BioScience</i> , 2012, 62, 203-204.	2.2	0
16	Modelling the spread of <i>Wolbachia</i> in spatially heterogeneous environments. <i>Journal of the Royal Society Interface</i> , 2012, 9, 3045-3054.	1.5	40
17	Dengue and chikungunya in travelers. <i>Current Opinion in Infectious Diseases</i> , 2012, 25, 523-529.	1.3	24
18	Antiviral Protection and the Importance of <i>Wolbachia</i> Density and Tissue Tropism in <i>Drosophila simulans</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 6922-6929.	1.4	191

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19	Diversity and phylogenetic relationships of Wolbachia in Drosophila and other native Hawaiian insects. <i>Fly</i> , 2012, 6, 273-283.	0.9	16
20	<i>Wolbachia</i> strain <i>w</i> Mel induces cytoplasmic incompatibility and blocks dengue transmission in <i>Aedes albopictus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 255-260.	3.3	287
21	<i>Drosophila melanogaster</i> as a Model Organism for Bluetongue Virus Replication and Tropism. <i>Journal of Virology</i> , 2012, 86, 9015-9024.	1.5	35
22	Potential use of reproductive manipulators to control invasive alien ants. <i>Terrestrial Arthropod Reviews</i> , 2012, 5, 269-288.	0.8	0
23	MODELLING THE INTRODUCTION OF <i>WOLBACHIA</i> INTO <i>AEDES AEGYPTI</i> MOSQUITOES TO REDUCE DENGUE TRANSMISSION. <i>ANZIAM Journal</i> , 2012, 53, 213-227.	0.3	30
24	High-Throughput PCR Assays To Monitor Wolbachia Infection in the Dengue Mosquito ( <i>Aedes aegypti</i> ) and <i>Drosophila simulans</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 4740-4743.	1.4	107
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26	Symbiotic control of mosquito borne disease. <i>Pathogens and Global Health</i> , 2012, 106, 380-385.	1.0	87
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29	Population genetics of beneficial heritable symbionts. <i>Trends in Ecology and Evolution</i> , 2012, 27, 226-232.	4.2	133
30	Prevalence of the symbiont <i>Cardinium</i> in <i>Culicoides</i> (Diptera: Ceratopogonidae) vector species is associated with land surface temperature. <i>FASEB Journal</i> , 2012, 26, 4025-4034.	0.2	47
31	<i>Wolbachia</i> strain <i>w</i> Pip yields a pattern of cytoplasmic incompatibility enhancing a <i>Wolbachia</i> -based suppression strategy against the disease vector <i>Aedes albopictus</i> . <i>Parasites and Vectors</i> , 2012, 5, 254.	1.0	58
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33	Insect Sex Determination Manipulated by Their Endosymbionts: Incidences, Mechanisms and Implications. <i>Insects</i> , 2012, 3, 161-199.	1.0	110
34	Lessons from malaria control to help meet the rising challenge of dengue. <i>Lancet Infectious Diseases</i> , The, 2012, 12, 977-984.	4.6	29
35	Physalin B inhibits <i>Trypanosoma cruzi</i> infection in the gut of <i>Rhodnius prolixus</i> by affecting the immune system and microbiota. <i>Journal of Insect Physiology</i> , 2012, 58, 1620-1625.	0.9	17
36	Making (good) use of <i>Wolbachia</i> : what the models say. <i>Current Opinion in Microbiology</i> , 2012, 15, 263-268.	2.3	41
37	Living with the enemy: viral persistent infections from a friendly viewpoint. <i>Current Opinion in Microbiology</i> , 2012, 15, 531-537.	2.3	48

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49	Chikungunya virus impacts the diversity of symbiotic bacteria in mosquito vector. Molecular Ecology, 2012, 21, 2297-2309.	2.0	73
50	<i>Wolbachia</i> in a major African crop pest increases susceptibility to viral disease rather than protects. Ecology Letters, 2012, 15, 993-1000.	3.0	115
51	Development of inexpensive and globally available larval diet for rearing <i>Anopheles stephensi</i> (Diptera: Culicidae) mosquitoes. Parasites and Vectors, 2013, 6, 90.	1.0	20
52	Transinfected <i>Wolbachia</i> have minimal effects on male reproductive success in <i>Aedes aegypti</i> . Parasites and Vectors, 2013, 6, 36.	1.0	28
53	Male mating performance and cytoplasmic incompatibility in a <i>Wolbachia</i> transinfected line of <i>Aedes albopictus</i> ( <i>Stegomyia albopicta</i> ). Medical and Veterinary Entomology, 2013, 27, 377-386.	0.7	40
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59	The bacterial flora of tsetse fly midgut and its effect on trypanosome transmission. <i>Journal of Invertebrate Pathology</i> , 2013, 112, S89-S93.	1.5	36
60	Dope or die. <i>Microbes and Infection</i> , 2013, 15, 755-758.	1.0	0
61	<i>Wolbachia</i> 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, 10276-10281.	3.3	188
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65	Beyond RNAi: Antiviral defense strategies in <i>Drosophila</i> and mosquito. <i>Journal of Insect Physiology</i> , 2013, 59, 159-170.	0.9	125
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67	Insect MicroRNAs: Biogenesis, expression profiling and biological functions. <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 24-38.	1.2	156
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69	Intercommunity effects on microbiome and GpSGHV density regulation in tsetse flies. <i>Journal of Invertebrate Pathology</i> , 2013, 112, S32-S39.	1.5	26
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140	Facilitating <i>Wolbachia</i> invasions. <i>Austral Entomology</i> , 2014, 53, 125-132.	0.8	14
141	The relative importance of DNA methylation and <i>Dnmt2</i> -mediated epigenetic regulation on <i>Wolbachia</i> densities and cytoplasmic incompatibility. <i>PeerJ</i> , 2014, 2, e678.	0.9	30
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576	<i>Wolbachia</i> modulates prevalence and viral load of <i>Culex pipiens</i> densovirus in natural populations. <i>Molecular Ecology</i> , 2020, 29, 4000-4013.	2.0	10
577	<i>Wolbachia</i> infection enhancing and decaying domains in mosquito population based on discrete models. <i>Journal of Biological Dynamics</i> , 2020, 14, 679-695.	0.8	18
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