Steven P Sinkins

List of Publications by Year
in descending order

36 papers	3,560 citations	236925 25 h-index	361022 35 g-index
44 all docs	44 docs citations	44 times ranked	2696 citing authors

#	Article	IF	Citations
1	Immune Activation by Life-Shortening Wolbachia and Reduced Filarial Competence in Mosquitoes. Science, 2009, 326, 134-136.	12.6	455
2	Gene drive systems for insect disease vectors. Nature Reviews Genetics, 2006, 7, 427-435.	16.3	364
3	Wolbachia strain w Mel induces cytoplasmic incompatibility and blocks dengue transmission in Aedes albopictus. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 255-260.	7.1	287
4	Wolbachia Stimulates Immune Gene Expression and Inhibits Plasmodium Development in Anopheles gambiae. PLoS Pathogens, 2010, 6, e1001143.	4.7	280
5	Establishment of Wolbachia Strain wAlbB in Malaysian Populations of Aedes aegypti for Dengue Control. Current Biology, 2019, 29, 4241-4248.e5.	3.9	257
6	Wolbachia superinfections and the expression of cytoplasmic incompatibility. Proceedings of the Royal Society B: Biological Sciences, 1995, 261, 325-330.	2.6	237
7	The Wolbachia strain wAu provides highly efficient virus transmission blocking in Aedes aegypti. PLoS Pathogens, 2018, 14, e1006815.	4.7	181
8	Wolbachia variability and host effects on crossing type in Culex mosquitoes. Nature, 2005, 436, 257-260.	27.8	139
9	Perturbed cholesterol and vesicular trafficking associated with dengue blocking in Wolbachia-infected Aedes aegypti cells. Nature Communications, 2017, 8, 526.	12.8	139
10	Wolbachia pipientis: Bacterial Density and Unidirectional Cytoplasmic Incompatibility between Infected Populations of Aedes albopictus. Experimental Parasitology, 1995, 81, 284-291.	1.2	121
11	Strain-specific quantification of Wolbachia density in Aedes albopictus and effects of larval rearing conditions. Insect Molecular Biology, 2004, 13, 317-322.	2.0	108
12	A Wolbachia wMel Transinfection in Aedes albopictus Is Not Detrimental to Host Fitness and Inhibits Chikungunya Virus. PLoS Neglected Tropical Diseases, 2013, 7, e2152.	3.0	105
13	Strategies for Introducing Wolbachia to Reduce Transmission of Mosquito-Borne Diseases. PLoS Neglected Tropical Diseases, 2011, 5, e1024.	3.0	103
14	Population Dynamic Models of the Spread of Wolbachia. American Naturalist, 2011, 177, 323-333.	2.1	101
15	Wolbachia Modulates Lipid Metabolism in Aedes albopictus Mosquito Cells. Applied and Environmental Microbiology, 2016, 82, 3109-3120.	3.1	100
16	A microsporidian impairs Plasmodium falciparum transmission in Anopheles arabiensis mosquitoes. Nature Communications, 2020, 11, 2187.	12.8	62
17	Comparative genome analysis of Wolbachia strain wAu. BMC Genomics, 2014, 15, 928.	2.8	50
18	WolbachiastrainwAlbB maintains high density and dengue inhibition following introduction into a field population ofAedes aegypti. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190809.	4.0	48

#	Article	IF	Citations
19	Wolbachia and arbovirus inhibition in mosquitoes. Future Microbiology, 2013, 8, 1249-1256.	2.0	44
20	Wolbachia strain wAlbA blocks Zika virus transmission in Aedes aegypti. Medical and Veterinary Entomology, 2020, 34, 116-119.	1.5	44
21	A Wolbachia triple-strain infection generates self-incompatibility in Aedes albopictus and transmission instability in Aedes aegypti. Parasites and Vectors, 2018, 11, 295.	2.5	42
22	Transcriptional Regulation of Culex pipiens Mosquitoes by Wolbachia Influences Cytoplasmic Incompatibility. PLoS Pathogens, 2013, 9, e1003647.	4.7	37
23	TRIM69 Inhibits Vesicular Stomatitis Indiana Virus. Journal of Virology, 2019, 93, .	3.4	35
24	Wolbachia surface protein induces innate immune responses in mosquito cells. BMC Microbiology, 2012, 12, S11.	3.3	29
25	Wolbachia Do Not Induce Reactive Oxygen Species-Dependent Immune Pathway Activation in Aedes albopictus. Viruses, 2015, 7, 4624-4639.	3.3	29
26	Wolbachia strain wAu efficiently blocks arbovirus transmission in Aedes albopictus. PLoS Neglected Tropical Diseases, 2020, 14, e0007926.	3.0	25
27	Wolbachia in the Culex pipiens Group Mosquitoes: Introgression and Superinfection. Journal of Heredity, 2009, 100, 192-196.	2.4	23
28	Wolbachia transinfections in Culex quinquefasciatus generate cytoplasmic incompatibility. Insect Molecular Biology, 2020, 29, 1-8.	2.0	21
29	High Temperature Cycles Result in Maternal Transmission and Dengue Infection Differences Between Wolbachia Strains in Aedes aegypti. MBio, 2021, 12, e0025021.	4.1	20
30	Culex quinquefasciatus: status as a threat to island avifauna and options for genetic control. CABI Agriculture and Bioscience, 2021, 2, .	2.4	19
31	Horizontal Transmission of the Symbiont Microsporidia MB in Anopheles arabiensis. Frontiers in Microbiology, 2021, 12, 647183.	3.5	15
32	Effect of temperature and larval density on Aedes polynesiensis (Diptera: Culicidae) laboratory rearing productivity and male characteristics. Acta Tropica, 2014, 132, S108-S115.	2.0	10
33	Characterization of Sodium Channel Mutations in the Dengue Vector Mosquitoes Aedes aegypti and Aedes albopictus within the Context of Ongoing Wolbachia Releases in Kuala Lumpur, Malaysia. Insects, 2020, 11, 529.	2.2	10
34	Invertebrate Post-Segregation Distorters: A New Embryo-Killing Gene. PLoS Biology, 2011, 9, e1001114.	5.6	6
35	Enhancement of Aedes aegypti susceptibility to dengue by Wolbachia is not supported. Nature Communications, 2020, 11, 6111.	12.8	2
36	HERPETOFAUNA DIVERSITY OF UJUNG KULON NATIONAL PARK AN INVENTORY RESULT IN 1990. Journal of Biological Researches, 2001, 6, 113.	0.1	0