

# Jose Luis Ramirez

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

4,777  
citations

201674

27  
h-index

206112

48  
g-index

58  
all docs

58  
docs citations

58  
times ranked

5278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional Responses of <i>Beauveria bassiana</i> Blastospores Cultured Under Varying Glucose Concentrations. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 644372.	3.9	9
2	Natural malaria infection in anophelines vectors and their incrimination in local malaria transmission in Dari�n, Panama. <i>PLoS ONE</i> , 2021, 16, e0250059.	2.5	7
3	Editorial: Systemic Coordination of Invertebrate Homeostasis. <i>Frontiers in Physiology</i> , 2021, 12, 736185.	2.8	0
4	Impacts of fungal entomopathogens on survival and immune responses of <i>Aedes albopictus</i> and <i>Culex pipiens</i> mosquitoes in the context of native <i>Wolbachia</i> infections. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009984.	3.0	10
5	Active and Covert Infections of Cricket Iridovirus and <i>Acheta domesticus</i> Densovirus in Reared <i>Gryllobates sigillatus</i> Crickets. <i>Frontiers in Microbiology</i> , 2021, 12, 780796.	3.5	8
6	<i>Wolbachia</i> in mosquitoes from the Central Valley of California, USA. <i>Parasites and Vectors</i> , 2020, 13, 558.	2.5	6
7	Mosquito cellular immunity at single-cell resolution. <i>Science</i> , 2020, 369, 1128-1132.	12.6	68
8	Insecticidal Activity of <i>Commiphora erythraea</i> Essential Oil and Its Emulsions Against Larvae of Three Mosquito Species. <i>Journal of Medical Entomology</i> , 2020, 57, 1835-1842.	1.8	9
9	<i>Leptospermum scoparium</i> essential oil is a promising source of mosquito larvicide and its toxicity is enhanced by a biobased emulsifier. <i>PLoS ONE</i> , 2020, 15, e0229076.	2.5	19
10	Peptidoglycan Recognition Proteins (PGRPs) Modulates Mosquito Resistance to Fungal Entomopathogens in a Fungal-Strain Specific Manner. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 9, 465.	3.9	11
11	Host blood meal source has a strong impact on gut microbiota of <i>Aedes aegypti</i> . <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	80
12	Mosquito Midgut Prostaglandin Release Establishes Systemic Immune Priming. <i>IScience</i> , 2019, 19, 54-62.	4.1	64
13	Study of the epidemiological behavior of malaria in the Darien Region, Panama. 2015�2017. <i>PLoS ONE</i> , 2019, 14, e0224508.	2.5	11
14	Green, Yellow, and Red Fluorescent Proteins as Markers for Bacterial Isolates from Mosquito Midguts. <i>Insects</i> , 2019, 10, 49.	2.2	4
15	Bioactivity of Wild Carrot ( <i>Daucus carota</i> , Apiaceae) Essential Oil Against Mosquito Larvae. <i>Journal of Medical Entomology</i> , 2019, 56, 784-789.	1.8	17
16	The <i>Aedes aegypti</i> IMD pathway is a critical component of the mosquito antifungal immune response. <i>Developmental and Comparative Immunology</i> , 2019, 95, 1-9.	2.3	44
17	Study of the epidemiological behavior of malaria in the Darien Region, Panama. 2015�2017. , 2019, 14, e0224508.		0
18	Study of the epidemiological behavior of malaria in the Darien Region, Panama. 2015�2017. , 2019, 14, e0224508.		0

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19	Study of the epidemiological behavior of malaria in the Darien Region, Panama. 2015–2017. , 2019, 14, e0224508.		0
20	Study of the epidemiological behavior of malaria in the Darien Region, Panama. 2015–2017. , 2019, 14, e0224508.		0
21	Study of the epidemiological behavior of malaria in the Darien Region, Panama. 2015–2017. , 2019, 14, e0224508.		0
22	Study of the epidemiological behavior of malaria in the Darien Region, Panama. 2015–2017. , 2019, 14, e0224508.		0
23	Comparative Analysis of Gut Microbiota of <i>Culex restuans</i> (Diptera: Culicidae) Females From Different Parents. <i>Journal of Medical Entomology</i> , 2018, 55, 163-171.	1.8	5
24	Entomopathogen ID: a curated sequence resource for entomopathogenic fungi. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 897-904.	1.7	6
25	Ovicidal and Larvicidal Effects of Garlic and Asafoetida Essential Oils Against West Nile Virus Vectors. <i>Journal of Insect Science</i> , 2018, 18, .	1.5	25
26	Entomopathogenic fungal infection leads to temporospatial modulation of the mosquito immune system. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006433.	3.0	50
27	Strain-specific pathogenicity and subversion of phenoloxidase activity in the mosquito <i>Aedes aegypti</i> by members of the fungal entomopathogenic genus <i>Isaria</i> . <i>Scientific Reports</i> , 2018, 8, 9896.	3.3	25
28	Mosquito microbiota cluster by host sampling location. <i>Parasites and Vectors</i> , 2018, 11, 468.	2.5	61
29	Combined Toxicity of Three Essential Oils Against <i>Aedes aegypti</i> (Diptera: Culicidae) Larvae. <i>Journal of Medical Entomology</i> , 2017, 54, 1684-1691.	1.8	44
30	<i>Plasmodium berghei</i> P47 is essential for ookinete protection from the <i>Anopheles gambiae</i> complement-like response. <i>Scientific Reports</i> , 2017, 7, 6026.	3.3	30
31	Effect of naturally occurring <i>Wolbachia</i> in <i>Anopheles gambiae</i> s.l. mosquitoes from Mali on <i>Plasmodium falciparum</i> malaria transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12566-12571.	7.1	85
32	Comparative analysis of gut microbiota of mosquito communities in central Illinois. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005377.	3.0	146
33	Molecular Mechanisms Mediating Immune Priming in <i>Anopheles gambiae</i> Mosquitoes. , 2017, , 91-100.		1
34	Association between fertilizer-mediated changes in microbial communities and <i>Aedes albopictus</i> growth and survival. <i>Acta Tropica</i> , 2016, 164, 54-63.	2.0	9
35	A mosquito lipoxin/lipocalin complex mediates innate immune priming in <i>Anopheles gambiae</i> . <i>Nature Communications</i> , 2015, 6, 7403.	12.8	73
36	<i>Plasmodium</i> evasion of mosquito immunity and global malaria transmission: The lock-and-key theory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15178-15183.	7.1	106

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37	Chromobacterium Csp_P Reduces Malaria and Dengue Infection in Vector Mosquitoes and Has Entomopathogenic and In Vitro Anti-pathogen Activities. PLoS Pathogens, 2014, 10, e1004398.	4.7	231
38	The Role of Hemocytes in <i>Anopheles gambiae</i> ; Antiplasmodial Immunity. Journal of Innate Immunity, 2014, 6, 119-128.	3.8	737
39	In depth annotation of the <i>Anopheles gambiae</i> mosquito midgut transcriptome. BMC Genomics, 2014, 15, 636.	2.8	37
40	Collagen-binding protein, Aegyptin, regulates probing time and blood feeding success in the dengue vector mosquito, <i>Aedes aegypti</i> . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6946-6951.	7.1	49
41	Transcriptomic Profiling of Diverse <i>Aedes aegypti</i> Strains Reveals Increased Basal-level Immune Activation in Dengue Virus-refractory Populations and Identifies Novel Virus-vector Molecular Interactions. PLoS Neglected Tropical Diseases, 2013, 7, e2295.	3.0	153
42	Dengue Virus Infection of the <i>Aedes aegypti</i> Salivary Gland and Chemosensory Apparatus Induces Genes that Modulate Infection and Blood-Feeding Behavior. PLoS Pathogens, 2012, 8, e1002631.	4.7	185
43	The entomopathogenic fungus <i>Beauveria bassiana</i> activate toll and JAK-STAT pathway-controlled effector genes and anti-dengue activity in <i>Aedes aegypti</i> . Insect Biochemistry and Molecular Biology, 2012, 42, 126-132.	2.7	105
44	Reciprocal Tripartite Interactions between the <i>Aedes aegypti</i> Midgut Microbiota, Innate Immune System and Dengue Virus Influences Vector Competence. PLoS Neglected Tropical Diseases, 2012, 6, e1561.	3.0	338
45	Native Microbiota Shape Insect Vector Competence for Human Pathogens. Cell Host and Microbe, 2011, 10, 307-310.	11.0	218
46	Wolbachia Infections in <i>Anopheles gambiae</i> Cells: Transcriptomic Characterization of a Novel Host-Symbiont Interaction. PLoS Pathogens, 2011, 7, e1001296.	4.7	88
47	The Toll immune signaling pathway control conserved anti-dengue defenses across diverse <i>Ae. aegypti</i> strains and against multiple dengue virus serotypes. Developmental and Comparative Immunology, 2010, 34, 625-629.	2.3	177
48	Pathogenomics of <i>Culex quinquefasciatus</i> and Meta-Analysis of Infection Responses to Diverse Pathogens. Science, 2010, 330, 88-90.	12.6	150
49	Molecular discrimination of mosquito vectors and their pathogens. Expert Review of Molecular Diagnostics, 2009, 9, 757-765.	3.1	13
50	Challenges and Approaches for Mosquito Targeted Malaria Control. Current Molecular Medicine, 2009, 9, 116-130.	1.3	42
51	Mosquito Infection Responses to Developing Filarial Worms. PLoS Neglected Tropical Diseases, 2009, 3, e529.	3.0	66
52	Discovery of insect and human dengue virus host factors. Nature, 2009, 458, 1047-1050.	27.8	331
53	The <i>Aedes aegypti</i> Toll Pathway Controls Dengue Virus Infection. PLoS Pathogens, 2008, 4, e1000098.	4.7	765
54	Detection of the Bacterium, <i>Xylella fastidiosa</i> , in Saliva of Glassy-Winged Sharpshooter, <i>Homalodisca vitripennis</i> . Journal of Insect Science, 2008, 8, 1-7.	1.5	11

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55	Fate of a Genetically Modified Bacterium in Foregut of Glassy-Winged Sharpshooter (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.8	10
56	Protocol for Dengue Infections in Mosquitoes ( <i>A. aegypti</i> ) and Infection Phenotype Determination. Journal of Visualized Experiments, 2007, , 220.	0.3	29