Mario A RodrÃ-guez-PÃ©rez

List of Publications by Year
in descending order

99 papers	1,497 citations	279778 23 h-index	434170 31 g-index
102 all docs	102 docs citations	102 times ranked	1542 citing authors

#	Article	IF	Citations
1	Recovery of <scp>DNA</scp> barcodes from blackfly museum specimens (<scp>D</scp>iptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Resources, 2014, 14, 508-518.	4.8	98
2	Elimination of Onchocerciasis from Mexico. PLoS Neglected Tropical Diseases, 2015, 9, e0003922.	3.0	50
3	Transmission of Beauveria bassiana from male to female Aedes aegypti mosquitoes. Parasites and Vectors, 2011, 4, 24.	2.5	49
4	Development of a Novel Trap for the Collection ofÂBlack Flies of the Simulium ochraceumÂComplex. PLoS ONE, 2013, 8, e76814.	2.5	40
5	Biocontrol potential and polyphasic characterization of novel native Trichoderma strains against Macrophomina phaseolina isolated from sorghum and common bean. Applied Microbiology and Biotechnology, 2008, 80, 167-77.	3.6	37
6	Structure-based prediction of Mycobacterium tuberculosis shikimate kinase inhibitors by high-throughput virtual screening. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3152-3157.	2.2	36
7	POLYMERASE CHAIN REACTION MONITORING OF TRANSMISSION OF ONCHOCERCA VOLVULUS IN TWO ENDEMIC STATES IN MEXICO. American Journal of Tropical Medicine and Hygiene, 2004, 70, 38-45.	1.4	36
8	Vectorial Capacity of Aedes aegypti for Dengue Virus Type 2 Is Reduced with Co-infection of Metarhizium anisopliae. PLoS Neglected Tropical Diseases, 2013, 7, e2013.	3.0	33
9	Dissemination of Metarhizium anisopliae of low and high virulence by mating behavior in Aedes aegypti. Parasites and Vectors, 2011, 4, 171.	2.5	32
10	Optimization of the Esperanza window trap for the collection of the African onchocerciasis vector Simulium damnosum sensu lato. Acta Tropica, 2014, 137, 39-43.	2.0	32
11	DNA barcoding of Neotropical black flies (Diptera: Simuliidae): Species identification and discovery of cryptic diversity in Mesoamerica . Zootaxa, 2015, 3936, 93.	0.5	31
12	LARGE-SCALE ENTOMOLOGIC ASSESSMENT OF ONCHOCERCA VOLVULUS TRANSMISSION BY POOLSCREEN PCR IN MEXICO. American Journal of Tropical Medicine and Hygiene, 2006, 74, 1026-1033.	1.4	31
13	Detection of Onchocerca volvulus infection in Simulium ochraceum sensu lato: comparison of a PCR assay and fly dissection in a Mexican hypoendemic community. Parasitology, 1999, 119, 613-619.	1.5	30
14	Rapid Suppression of Onchocerca volvulus Transmission in Two Communities of the Southern Chiapas Focus, Mexico, Achieved by Quarterly Treatments with Mectizan. American Journal of Tropical Medicine and Hygiene, 2008, 79, 239-244.	1.4	29
15	Identification of mosquitoes (Diptera: Culicidae) from Mexico State, Mexico using morphology and COI DNA barcoding. Acta Tropica, 2021, 213, 105730.	2.0	28
16	A Viral-Human Interactome Based on Structural Motif-Domain Interactions Captures the Human Infectome. PLoS ONE, 2013, 8, e71526.	2.5	27
17	DNA barcoding of blackflies (Diptera: Simuliidae) as a tool for species identification and detection of hidden diversity in the eastern regions of Spain. Parasites and Vectors, 2018, 11, 463.	2.5	26
18	West Nile Virus Activity in Mosquitoes and Domestic Animals in Chiapas, MÃ©xico. Vector-Borne and Zoonotic Diseases, 2009, 9, 555-560.	1.5	25

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19	Interruption of Transmission of Onchocerca volvulus in the Oaxaca Focus, Mexico. American Journal of Tropical Medicine and Hygiene, 2010, 83, 21-27.	1.4	25
20	Improved insecticidal activity of a genetically modified baculovirus expressing the immunosuppressive CrV1 protein from a polydnavirus againstSpodoptera exigua. Biocontrol Science and Technology, 2016, 26, 1-11.	1.3	25
21	Evidence for Suppression of Onchocerca volvulus Transmission in the Oaxaca Focus in Mexico. American Journal of Tropical Medicine and Hygiene, 2008, 78, 147-152.	1.4	25
22	Large-scale entomologic assessment of Onchocerca volvulus transmission by poolscreen PCR in Mexico. American Journal of Tropical Medicine and Hygiene, 2006, 74, 1026-33.	1.4	25
23	Comparison of serological and parasitological assessments of Onchocerca volvulus transmission after 7 years of mass ivermectin treatment in Mexico. Tropical Medicine and International Health, 1999, 4, 98-104.	2.3	24
24	Oligonucleotide Based Magnetic Bead Capture of Onchocerca volvulus DNA for PCR Pool Screening of Vector Black Flies. PLoS Neglected Tropical Diseases, 2012, 6, e1712.	3.0	24
25	Interruption of Transmission of Onchocerca volvulus in the Southern Chiapas Focus, MÃ©xico. PLoS Neglected Tropical Diseases, 2013, 7, e2133.	3.0	24
26	Isolation of Bdellovibrio sp. from soil samples in Mexico and their potential applications in control of pathogens. MicrobiologyOpen, 2016, 5, 992-1002.	3.0	24
27	High Rate of Non-Human Feeding by Aedes aegypti Reduces Zika Virus Transmission in South Texas. Viruses, 2020, 12, 453.	3.3	23
28	Rapid suppression of Onchocerca volvulus transmission in two communities of the Southern Chiapas focus, Mexico, achieved by quarterly treatments with Mectizan. American Journal of Tropical Medicine and Hygiene, 2008, 79, 239-44.	1.4	23
29	Determination of Sample Sizes for the Estimation of Onchocerca volvulus (Filarioidea:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 and Its Application to Ivermectin Control Programs. Journal of Medical Entomology, 1998, 35, 745-757.	1.8	22
30	Polymerase chain reaction monitoring of transmission of Onchocerca volvulus in two endemic states in Mexico. American Journal of Tropical Medicine and Hygiene, 2004, 70, 38-45.	1.4	22
31	Exploitation of Mangrove Endophytic Fungi for Infectious Disease Drug Discovery. Marine Drugs, 2018, 16, 376.	4.6	21
32	Vertebrate-Aedes aegypti and Culex quinquefasciatus (Diptera)-arbovirus transmission networks: Non-human feeding revealed by meta-barcoding and next-generation sequencing. PLoS Neglected Tropical Diseases, 2020, 14, e0008867.	3.0	20
33	Evidence for suppression of Onchocerca volvulus transmission in the Oaxaca focus in Mexico. American Journal of Tropical Medicine and Hygiene, 2008, 78, 147-52.	1.4	20
34	Antibody detection tests for Onchocerca volvulus: comparison of the sensitivityof a cocktail of recombinant antigens used in the indirect enzyme-linked immunosorbent assay with a rapid-format antibody card test. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2003, 97, 539-541.	1.8	19
35	Parasitism by the Endoparasitoid,Cotesia flavipesInduces Cellular Immunosuppression and Enhances Susceptibility of the Sugar Cane Borer,Diatraea saccharalistoBacillus thuringiensis. Journal of Insect Science, 2011, 11, 1-15.	1.5	19
36	Assessment and Monitoring of Onchocerciasis in Latin America. Advances in Parasitology, 2011, 77, 175-226.	3.2	18

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37	Identification of Human Semiochemicals Attractive to the Major Vectors of Onchocerciasis. PLoS Neglected Tropical Diseases, 2015, 9, e3450.	3.0	18
38	A computational analysis of the binding mode of closantel as inhibitor of the Onchocerca volvulus chitinase: insights on macrofilaricidal drug design. Journal of Computer-Aided Molecular Design, 2011, 25, 1107-1119.	2.9	17
39	Lack of Active Onchocerca volvulus Transmission in the Northern Chiapas Focus of Mexico. American Journal of Tropical Medicine and Hygiene, 2010, 83, 15-20.	1.4	16
40	Human-landing rate, gonotrophic cycle length, survivorship, and public health importance of Simulium erythrocephalum in Zaragoza, northeastern Spain. Parasites and Vectors, 2017, 10, 175.	2.5	16
41	Comparison Between a Standard and SalivaDirect RNA Extraction Protocol for Molecular Diagnosis of SARS-CoV-2 Using Nasopharyngeal Swab and Saliva Clinical Samples. Frontiers in Bioengineering and Biotechnology, 2021, 9, 638902.	4.1	16
42	Outsideâ€binding site mutations modify the active site's shapes in neuraminidase from influenza A H1N1. Biopolymers, 2013, 99, 10-21.	2.4	15
43	Evaluation of a Community-Based Trapping Program to Collect Simulium ochraceum sensu lato for Verification of Onchocerciasis Elimination. PLoS Neglected Tropical Diseases, 2014, 8, e3249.	3.0	15
44	The mosquitoes (Diptera: Culicidae) of Tabasco, Mexico. Journal of Vector Ecology, 2019, 44, 57-67.	1.0	15
45	New Implications on Genomic Adaptation Derived from the Helicobacter pylori Genome Comparison. PLoS ONE, 2011, 6, e17300.	2.5	15
46	The esperanza window trap reduces the human biting rate of Simulium ochraceum s.l. in formerly onchocerciasis endemic foci in Southern Mexico. PLoS Neglected Tropical Diseases, 2017, 11, e0005686.	3.0	12
47	Analysis of Genetic Variation in Ribosomal DNA Internal Transcribed Spacer and the NADH Dehydrogenase Subunit 4 Mitochondrial Genes of the Onchocerciasis VectorSimulium ochraceum. Journal of Medical Entomology, 2006, 43, 701-706.	1.8	11
48	Copulation Activity, Sperm Production and Conidia Transfer in Aedes aegypti Males Contaminated by Metarhizium anisopliae: A Biological Control Prospect. PLoS Neglected Tropical Diseases, 2015, 9, e0004144.	3.0	11
49	Elimination of onchocerciasis in Ecuador: findings of post-treatment surveillance. Parasites and Vectors, 2018, 11, 265.	2.5	11
50	Arbovirus Surveillance near the Mexicoâ€“U.S. Border: Isolation and Sequence Analysis of Chikungunya Virus from Patients with Dengue-like Symptoms in Reynosa, Tamaulipas. American Journal of Tropical Medicine and Hygiene, 2018, 99, 191-194.	1.4	11
51	Application of an enzyme-linked immunosorbent assay to detect antibodies to Onchocerca volvulus on filter-paper blood spots: effect of storage and temperature on antibody decay. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1999, 93, 523-524.	1.8	10
52	Host refractoriness of the tobacco hornworm,Manduca sexta, to the braconid endoparasitoidCotesia flavipes. Archives of Insect Biochemistry and Physiology, 2005, 60, 159-171.	1.5	10
53	Contribution of migrant coffee labourers infected with Onchocerca volvulusto the maintenance of the microfilarial reservoir in an ivermectin-treated area of Mexico. Parasites and Vectors, 2007, 6, 16.	1.3	10
54	Development of the braconid wasp Cotesia flavipes in two Crambids, Diatraea saccharalis and Eoreuma loftini: Evidence of host developmental disruption. Journal of Asia-Pacific Entomology, 2012, 15, 63-68.	0.9	10

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55	Operational Performance of the Onchocerca volvulus â€œOEPAâ€•Ov16 ELISA Serological Assay in Mapping, Guiding Decisions to Stop Mass Drug Administration, and Posttreatment Surveillance Surveys. American Journal of Tropical Medicine and Hygiene, 2018, 99, 749-752.	1.4	10
56	Active Biopolymeric Films Inoculated with Bdellovibrio bacteriovorus, a Predatory Bacterium. Coatings, 2021, 11, 605.	2.6	9
57	Domestic Dogs as Sentinels for West Nile Virus but not Aedes-borne Flaviviruses, Mexico. Emerging Infectious Diseases, 2022, 28, 1071-1074.	4.3	9
58	Brown Dog Tick (Rhipicephalus sanguineus Sensu Lato) Infection with Endosymbiont and Human Pathogenic Rickettsia spp., in Northeastern MÃ©xico. International Journal of Environmental Research and Public Health, 2022, 19, 6249.	2.6	9
59	Time Series Analysis of Onchocerciasis Data from Mexico: A Trend towards Elimination. PLoS Neglected Tropical Diseases, 2013, 7, e2033.	3.0	8
60	AutodisseminationofMetarhizium anisopliaeandBeauveria bassianainMusca domesticaL. Results in Less Oviposition and Short Gonotrophic Cycle. Southwestern Entomologist, 2015, 40, 519-529.	0.2	8
61	An Integrated Molecular Approach to Untangling Hostâ€“Vectorâ€“Pathogen Interactions in Mosquitoes (Diptera: Culicidae) From Sylvan Communities in Mexico. Frontiers in Veterinary Science, 2020, 7, 564791.	2.2	8
62	Surveillance for Flaviviruses Near the Mexicoâ€“U.S. Border: Co-circulation of Dengue Virus Serotypes 1, 2, and 3 and West Nile Virus in Tamaulipas, Northern Mexico, 2014â€“2016. American Journal of Tropical Medicine and Hygiene, 2018, 99, 1308-1317.	1.4	8
63	Detection of Onchocerca volvulus in Latin American black flies for pool screening PCR using high-throughput automated DNA isolation for transmission surveillance. Parasitology Research, 2013, 112, 3925-3931.	1.6	7
64	Twenty-Three Years after the First Record ofAedes albopictusin Nigeria: Its Current Distribution and Potential Epidemiological Implications. African Entomology, 2015, 23, 348-355.	0.6	7
65	Novel protein interactions with an actin homolog (MreB) of Helicobacter pylori determined by bacterial two-hybrid system. Microbiological Research, 2017, 201, 39-45.	5.3	7
66	The Search for an Efficient Black Fly Trap for Xenomonitoring of Onchocerciasis. Journal of Parasitology Research, 2018, 2018, 1-10.	1.2	7
67	In silico analysis of protein neoplastic biomarkers for cervix and uterine cancer. Clinical and Translational Oncology, 2008, 10, 604-617.	2.4	6
68	Parasitism by Cotesia flavipes alters the haemocyte population and phenoloxidase activity of the sugarcane borer, Diatraea saccharalis. Canadian Entomologist, 2012, 144, 599-608.	0.8	6
69	Aggregated oviposition inSimulium ochraceums.l. (Diptera: Simuliidae), an important Neotropical vector ofOnchocerca volvulus. Annals of Tropical Medicine and Parasitology, 2003, 97, 203-207.	1.6	5
70	Analysis of Genetic Variation in Ribosomal DNA Internal Transcribed Spacer and the NADH Dehydrogenase Subunit 4 Mitochondrial Genes of the Onchocerciasis Vector <I>Simulium ochraceum</I>. Journal of Medical Entomology, 2006, 43, 701-706.	1.8	5
71	Integrative computational protocol for the discovery of inhibitors of the Helicobacter pylori nickel response regulator (NikR). Journal of Molecular Modeling, 2011, 17, 3075-3084.	1.8	5
72	Toxicity of Mexican native plant extracts against larvae of Aedes aegypti (Diptera: Culicidae). Asian Pacific Journal of Tropical Biomedicine, 2015, 5, 287-291.	1.2	5

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73	Aedes albopictus in northeast Mexico: an update on adult distribution and first report of parasitism by Ascogregarina taiwanensis. Journal of Vector Borne Diseases, 2013, 50, 202-5.	0.4	5
74	Microsatellite polymorphism in intron 1 of the bovine myostatin gene. Journal of Applied Genetics, 2006, 47, 55-57.	1.9	4
75	Comparison of three methods of parasitoid polydnavirus genomic DNA isolation to facilitate polydnavirus genomic sequencing. Archives of Insect Biochemistry and Physiology, 2008, 67, 202-209.	1.5	4
76	Lessons from a study in a rural community from southern Mexico: risk factors associated to transmission and reinfection of gastrointestinal parasites after albendazole treatment. Research and Reports in Tropical Medicine, 2011, 2, 147.	1.4	4
77	The Detection of Inherent Homologous Recombination Between Repeat Sequences in H. pylori 26695 by the PCR-Based Method. Current Microbiology, 2014, 68, 211-219.	2.2	4
78	First Record of Culex (Microculex) daumastocampa (Diptera: Culicidae) in Mexico, with Notes on Cx. rejector and Cx. imitator. Neotropical Entomology, 2018, 47, 577-581.	1.2	4
79	Identification of phlebotomine sand flies (Diptera: Psychodidae) from leishmaniasis endemic areas in southeastern Mexico using DNA barcoding. Ecology and Evolution, 2019, 9, 13543-13554.	1.9	4
80	Post-elimination surveillance in formerly onchocerciasis endemic focus in Southern Mexico. PLoS Neglected Tropical Diseases, 2020, 14, e0008008.	3.0	4
81	Estimating Contact Rates Between Metarhizium anisopliaeâ€“Exposed Males With Female Aedes aegypti. Frontiers in Cellular and Infection Microbiology, 2021, 11, 616679.	3.9	4
82	The logistic model for predicting the non-gonoactive Aedes aegypti females. Salud Publica De Mexico, 2004, 46, 234-40.	0.4	3
83	Effect of recombinant baculovirus expressing <scp>C</scp>r<scp>V</scp>1 protein from <scp>C</scp>otesia rubecula bracovirus against <scp>P</scp>ieris rapae in insecticidal toxicity. Entomological Research, 2016, 46, 179-184.	1.1	3
84	Evaluation of Potential Microencapsulated Agents for Oral Entomopathogens with Phagostimulant Activity againstSpodoptera exigua(HÃ¼ber). Southwestern Entomologist, 2011, 36, 433-442.	0.2	2
85	First record of the ant cricket Myrmecophilus (Myrmecophilina) americanusÂ(Orthoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.5	2
86	Historical Review and Cost-Effectiveness Assessment of the Programs to Eliminate Onchocerciasis and Trachoma in Mexico. Research and Reports in Tropical Medicine, 2021, Volume 12, 235-245.	1.4	2
87	DNA Barcoding of Mosquitoes from the Pantanos de Centla Biosphere Reserve, Southeastern Mexico. Journal of the American Mosquito Control Association, 2021, 37, 198-207.	0.7	2
88	Repurposing of FDA-Approved Drugs for the Discovery of Inhibitors of Dengue Virus NS2B-NS3 Protease by Docking, Consensus Scoring, and Molecular Dynamics Simulations. Biophysical Journal, 2013, 104, 404a.	0.5	1
89	Large Scale Genome Analysis Shows that the Epitopes for Broadly Cross-Reactive Antibodies Are Predominant in the Pandemic 2009 Influenza Virus A H1N1 Strain. Viruses, 2013, 5, 2796-2802.	3.3	1
90	A Roadmap Followed: The Path Towards the Elimination of Onchocerciasis in Latin America. Neglected Tropical Diseases, 2015, , 155-173.	0.4	1

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91	Current outline of regulation of Btâ€maize and transgenic insects in Mexico. Entomological Research, 2010, 40, 26-30.	1.1	0
92	Molecular diagnosis of microbial copathogens with influenza A(H1N1)pdm09 in Oaxaca, Mexico. Research and Reports in Tropical Medicine, 2018, Volume 9, 49-62.	1.4	0
93	The sequences of MinE responsible for its subcellular localization analyzed by competitive binding method in Escherichia coli. International Microbiology, 2018, 21, 15-22.	2.4	0
94	Title is missing!. , 2020, 14, e0008867.		0
95	Title is missing!. , 2020, 14, e0008867.		0
96	Title is missing!. , 2020, 14, e0008867.		0
97	Title is missing!. , 2020, 14, e0008867.		0
98	Title is missing!. , 2020, 14, e0008867.		0
99	Title is missing!. , 2020, 14, e0008867.		0