Loganathan Ponnusamy

List of Publications by Year
in descending order

42	1,511	430874	315739
papers	citations	18 h-index	38 g-index

42	42	42	1643
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of bacteria and bacteria-associated chemical cues that mediate oviposition site preferences byAedes aegypti. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9262-9267.	7.1	197
2	Variation in the Microbiota of Ixodes Ticks with Regard to Geography, Species, and Sex. Applied and Environmental Microbiology, 2015, 81, 6200-6209.	3.1	167
3	Host-Feeding Patterns ofAedes albopictus(Diptera: Culicidae) in Relation to Availability of Human and Domestic Animals in Suburban Landscapes of Central North Carolina. Journal of Medical Entomology, 2006, 43, 543-551.	1.8	145
4	Host-Feeding Patterns of <I>Aedes albopictus</I> (Diptera: Culicidae) in Relation to Availability of Human and Domestic Animals in Suburban Landscapes of Central North Carolina. Journal of Medical Entomology, 2006, 43, 543-551.	1.8	122
5	Diversity of Rickettsiales in the Microbiome of the Lone Star Tick, Amblyomma americanum. Applied and Environmental Microbiology, 2014, 80, 354-359.	3.1	82
6	Bacterial Pathogens in Ixodid Ticks from a Piedmont County in North Carolina: Prevalence of Rickettsial Organisms. Vector-Borne and Zoonotic Diseases, 2010, 10, 939-952.	1.5	74
7	Bacteria Stimulate Hatching of Yellow Fever Mosquito Eggs. PLoS ONE, 2011, 6, e24409.	2.5	61
8	Species Composition of Bacterial Communities Influences Attraction of Mosquitoes to Experimental Plant Infusions. Microbial Ecology, 2010, 59, 158-173.	2.8	60
9	Isolation and characterization of two genetically distant groups of Acetobacter diazotrophicus from a new host plant Eleusine coracana L.. Journal of Applied Microbiology, 1999, 87, 167-172.	3.1	57
10	Oviposition Responses of the Mosquitoes Aedes aegypti and Aedes albopictus to Experimental Plant Infusions in Laboratory Bioassays. Journal of Chemical Ecology, 2010, 36, 709-719.	1.8	57
11	Diversity of Bacterial Communities in Container Habitats of Mosquitoes. Microbial Ecology, 2008, 56, 593-603.	2.8	45
12	Prevalence of Rickettsiales in ticks removed from the skin of outdoor workers in North Carolina. Parasites and Vectors, 2014, 7, 607.	2.5	40
13	Advancing Integrated Tick Management to Mitigate Burden of Tick-Borne Diseases. Outlooks on Pest Management, 2014, 25, 382-389.	0.2	35
14	Long-Lasting Permethrin-Impregnated Clothing Protects Against Mosquito Bites in Outdoor Workers. American Journal of Tropical Medicine and Hygiene, 2015, 93, 869-874.	1.4	35
15	Oviposition responses of Aedes mosquitoes to bacterial isolates from attractive bamboo infusions. Parasites and Vectors, 2015, 8, 486.	2.5	27
16	Effect of Spatial Repellent Exposure on Dengue Vector Attraction to Oviposition Sites. PLoS Neglected Tropical Diseases, 2016, 10, e0004850.	3.0	23
17	Biology, Pest Status, Microbiome and Control of Kudzu Bug (Hemiptera: Heteroptera: Plataspidae): A New Invasive Pest in the U.S.. International Journal of Molecular Sciences, 2016, 17, 1570.	4.1	22
18	Incident Tick-Borne Infections in a Cohort of North Carolina Outdoor Workers. Vector-Borne and Zoonotic Diseases, 2016, 16, 302-308.	1.5	22

#	Article	IF	Citations
19	Exogenous and endogenous microbiomes of wild-caught Phormia regina (Diptera: Calliphoridae) flies from a suburban farm by 16S rRNA gene sequencing. Scientific Reports, 2019, 9, 20365.	3.3	21
20	Diversity and structure of the bacterial microbiome of the American dog tick, Dermacentor variabilis, is dominated by the endosymbiont Francisella. Symbiosis, 2019, 79, 239-250.	2.3	20
21	Attraction and oviposition preferences of Phlebotomus papatasi (Diptera: Psychodidae), vector of Old-World cutaneous leishmaniasis, to larval rearing media. Parasites and Vectors, 2015, 8, 663.	2.5	18
22	Design and Testing of Novel Lethal Ovitrap to Reduce Populations of Aedes Mosquitoes: Community-Based Participatory Research between Industry, Academia and Communities in Peru and Thailand. PLoS ONE, 2016, 11, e0160386.	2.5	16
23	Bacterial microbiome of the chigger mite Leptotrombidium imphalum varies by life stage and infection with the scrub typhus pathogen Orientia tsutsugamushi. PLoS ONE, 2018, 13, e0208327.	2.5	16
24	Development and Validation of an Improved PCR Method Using the 23S-5S Intergenic Spacer for Detection of Rickettsiae in Dermacentor variabilis Ticks and Tissue Samples from Humans and Laboratory Animals. Journal of Clinical Microbiology, 2016, 54, 972-979.	3.9	14
25	Prevalence of Rickettsia Species (Rickettsiales: Rickettsiaceae) in Dermacentor variabilis Ticks (Acari:) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	14
26	Multiple Known Mechanisms and a Possible Role of an Enhanced Immune System in Bt-Resistance in a Field Population of the Bollworm, Helicoverpa zea: Differences in Gene Expression with RNAseq. International Journal of Molecular Sciences, 2020, 21, 6528.	4.1	14
27	The egg and larval pheromone dodecanoic acid mediates density-dependent oviposition of Phlebotomus papatasi. Parasites and Vectors, 2020, 13, 280.	2.5	13
28	Genetic diversity and relationship between Bradyrhizobium strains isolated from blackgram and cowpea. Biology and Fertility of Soils, 2001, 34, 276-281.	4.3	11
29	Bacterial Microbiota of Field-Collected Helicoverpa zea (Lepidoptera: Noctuidae) from Transgenic Bt and Non-Bt Cotton. Microorganisms, 2021, 9, 878.	3.6	10
30	Oviposition-Site Selection of Phlebotomus papatasi (Diptera: Psychodidae) Sand Flies: Attraction to Bacterial Isolates From an Attractive Rearing Medium. Journal of Medical Entomology, 2021, 58, 518-527.	1.8	10
31	Diel periodicity and visual cues guide oviposition behavior in Phlebotomus papatasi, vector of old-world cutaneous leishmaniasis. PLoS Neglected Tropical Diseases, 2019, 13, e0007165.	3.0	9
32	Sphingobacterium phlebotomi sp. nov., a new member of family Sphingobacteriaceae isolated from sand fly rearing substrate. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	8
33	Characterization of Long Non-Coding RNAs in the Bollworm, Helicoverpa zea, and Their Possible Role in Cry1Ac-Resistance. Insects, 2022, 13, 12.	2.2	8
34	Evidence forAedes aegypti(Diptera: Culicidae) Oviposition on Boats in the Peruvian Amazon. Journal of Medical Entomology, 2015, 52, 726-729.	1.8	7
35	A Diverse Microbial Community Supports Larval Development and Survivorship of the Asian Tiger Mosquito (Diptera: Culicidae). Journal of Medical Entomology, 2019, 56, 632-640.	1.8	7
36	Colonization by the Red Imported Fire Ant, Solenopsis invicta, Modifies Soil Bacterial Communities. Microbial Ecology, 2022, 84, 240-256.	2.8	6

#	Article	IF	Citations
37	Rickettsia felis and Other Rickettsia Species in Chigger Mites Collected from Wild Rodents in North Carolina, USA. Microorganisms, 2022, 10, 1342.	3.6	6
38	Lethal ovitraps and dengue prevention: report from Iquitos, Peru. International Journal of Infectious Diseases, 2012, 16, e473.	3.3	4
39	Competitiveness of native Bradyrhizobium japonicum strains in two different soil types. Biology and Fertility of Soils, 1997, 25, 279-284.	4.3	3
40	Tick Ecdysteroid Hormone, Global Microbiota/Rickettsia Signaling in the Ovary versus Carcass during Vitellogenesis in Part-Fed (Virgin) American Dog Ticks, Dermacentor variabilis. Microorganisms, 2021, 9, 1242.	3.6	2
41	Bacterial Isolates Derived from Nest Soil Affect the Attraction and Digging Behavior of Workers of the Red Imported Fire Ant, Solenopsis invicta Buren. Insects, 2022, 13, 444.	2.2	2
42	Analyses of Bloodmeal Hosts and Prevalence of Rickettsia parkeri in the Gulf Coast Tick Amblyomma maculatum (Acari: Ixodidae) From a Reconstructed Piedmont Prairie Ecosystem, North Carolina. Journal of Medical Entomology, 2022, 59, 1382-1393.	1.8	1