

# Nayana Gunathilaka

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

558  
citations

687363  
13  
h-index

794594  
19  
g-index

50  
all docs

50  
docs citations

50  
times ranked

589  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of Blood Sources and Artificial Blood Feeding Methods in Rearing of <i>Aedes aegypti</i> (Diptera: Culicidae) for Sterile Insect Technique and Incompatible Insect Technique Approaches in Sri Lanka. BioMed Research International, 2017, 2017, 1-7.	1.9	53
2	Anopheles culicifacies breeding in polluted water bodies in Trincomalee District of Sri Lanka. Malaria Journal, 2013, 12, 285.	2.3	28
3	Prevalence of Gastrointestinal Parasitic Infections and Assessment of Deworming Program among Cattle and Buffaloes in Gampaha District, Sri Lanka. BioMed Research International, 2018, 2018, 1-10.	1.9	27
4	Empirical optimization of risk thresholds for dengue: an approach towards entomological management of Aedes mosquitoes based on larval indices in the Kandy District of Sri Lanka. Parasites and Vectors, 2018, 11, 368.	2.5	23
5	Potential Challenges of Controlling Leishmaniasis in Sri Lanka at a Disease Outbreak. BioMed Research International, 2017, 2017, 1-9.	1.9	22
6	Histopathology of Cutaneous Leishmaniasis Caused by <i>Leishmania donovani</i> in Sri Lanka. BioMed Research International, 2020, 2020, 1-8.	1.9	20
7	Socio-economic, Knowledge Attitude Practices (KAP), household related and demographic based appearance of non-dengue infected individuals in high dengue risk areas of Kandy District, Sri Lanka. BMC Infectious Diseases, 2018, 18, 88.	2.9	19
8	Comprehensive evaluation of demographic, socio-economic and other associated risk factors affecting the occurrence of dengue incidence among Colombo and Kandy Districts of Sri Lanka: a cross-sectional study. Parasites and Vectors, 2018, 11, 478.	2.5	19
9	Determination of the foraging behaviour and blood meal source of malaria vector mosquitoes in Trincomalee District of Sri Lanka using a multiplex real time polymerase chain reaction assay. Malaria Journal, 2016, 15, 242.	2.3	18
10	Delayed anxiety and depressive morbidity among dengue patients in a multi-ethnic urban setting: first report from Sri Lanka. International Journal of Mental Health Systems, 2018, 12, 20.	2.7	18
11	Bionomic aspects of dengue vectors <i>Aedes aegypti</i> and <i>Aedes albopictus</i> at domestic settings in urban, suburban and rural areas in Gampaha District, Western Province of Sri Lanka. Parasites and Vectors, 2022, 15, 148.	2.5	18
12	The Economic Impact of Cutaneous Leishmaniasis in Sri Lanka. BioMed Research International, 2018, 2018, 1-9.	1.9	17
13	Subcutaneous dirofilariasis caused by <i>Dirofilaria</i> (Noctiella) <i>repens</i> in Sri Lanka: A potential risk of transmitting human dirofilariasis. SAGE Open Medical Case Reports, 2017, 5, 2050313X1770137.	0.3	15
14	Diurnal adult resting sites and breeding habitats of phlebotomine sand flies in cutaneous leishmaniasis endemic areas of Kurunegala District, Sri Lanka. Parasites and Vectors, 2020, 13, 284.	2.5	15
15	Use of mechanical and behavioural methods to eliminate female <i>Aedes aegypti</i> and <i>Aedes albopictus</i> for sterile insect technique and incompatible insect technique applications. Parasites and Vectors, 2019, 12, 148.	2.5	14
16	Level of Awareness of Dengue Disease among School Children in Gampaha District, Sri Lanka, and Effect of School-Based Health Education Programmes on Improving Knowledge and Practices. BioMed Research International, 2019, 2019, 1-8.	1.9	13
17	Socioeconomic, demographic and landscape factors associated with cutaneous leishmaniasis in Kurunegala District, Sri Lanka. Parasites and Vectors, 2020, 13, 244.	2.5	13
18	Revised morphological identification key to the larval anopheline (Diptera: Culicidae) of Sri Lanka. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, S222-S227.	1.2	12

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19	Species Composition and Diversity of Malaria Vector Breeding Habitats in Trincomalee District of Sri Lanka. BioMed Research International, 2015, 2015, 1-10.	1.9	12
20	The Diversity of Human Dirofilariasis in Western Sri Lanka. BioMed Research International, 2019, 2019, 1-7.	1.9	11
21	Prevalence of Ectoparasitic Infections and Other Dermatological Infections and Their Associated Factors among School Children in Gampaha District, Sri Lanka. Canadian Journal of Infectious Diseases and Medical Microbiology, 2019, 2019, 1-10.	1.9	11
22	A Challenge for a Unique Dengue Vector Control Programme: Assessment of the Spatial Variation of Insecticide Resistance Status amongst Aedes aegypti and Aedes albopictus Populations in Gampaha District, Sri Lanka. BioMed Research International, 2021, 2021, 1-8.	1.9	11
23	Water quality characteristics of breeding habitats in relation to the density of Aedes aegypti and Aedes albopictus in domestic settings in Gampaha district of Sri Lanka. Acta Tropica, 2022, 229, 106339.	2.0	11
24	Identification of sibling species status of Anopheles culicifacies breeding in polluted water bodies in Trincomalee district of Sri Lanka. Malaria Journal, 2015, 14, 214.	2.3	10
25	<p><strong>Phlebotomine sand flies (Psychodidae: Diptera) of Sri Lanka: a review on diversity, biology and bionomics</strong></p>. Journal of Insect Biodiversity, 2019, 11, 41-58.	0.4	10
26	Determination of demographic, epidemiological, and socio-economic determinants and their potential impact on malaria transmission in Mannar and Trincomalee districts of Sri Lanka. Malaria Journal, 2016, 15, 330.	2.3	9
27	Illustrated key to the adult female Anopheles (Diptera: Culicidae) mosquitoes of Sri Lanka. Applied Entomology and Zoology, 2017, 52, 69-77.	1.2	9
28	Climate change induced vulnerability and adaption for dengue incidence in Colombo and Kandy districts: the detailed investigation in Sri Lanka. Infectious Diseases of Poverty, 2020, 9, 102.	3.7	8
29	Prevalence of cutaneous leishmaniasis infection and clinico-epidemiological patterns among military personnel in Mullaitivu and Kilinochchi districts of the Northern Province, early war-torn areas in Sri Lanka. Parasites and Vectors, 2020, 13, 263.	2.5	8
30	<p><strong>Annotated checklist and review of the mosquito species (Diptera: Culicidae) in Sri Lanka</strong></p>. Journal of Insect Biodiversity, 2018, 7, 38-50.	0.4	8
31	Effect of Larval Nutritional Regimes on Morphometry and Vectorial Capacity of Aedes aegypti for Dengue Transmission. BioMed Research International, 2019, 2019, 1-11.	1.9	7
32	Morphological identification keys for adults of sand flies (Diptera: Psychodidae) in Sri Lanka. Parasites and Vectors, 2020, 13, 450.	2.5	7
33	Diversity of midgut bacteria in larvae and females of Aedes aegypti and Aedes albopictus from Gampaha District, Sri Lanka. Parasites and Vectors, 2021, 14, 433.	2.5	7
34	Entomological Investigations on Malaria Vectors in Some War-Torn Areas in the Trincomalee District of Sri Lanka after Settlement of 30-Year Civil Disturbance. Malaria Research and Treatment, 2015, 2015, 1-11.	2.0	6
35	The Diversity of Midgut Bacteria among Wild-Caught <i>Phlebotomus argentipes</i> (Psychodidae:) Tj ETQq1 1 0.784314 rgBT /Overl	1.9	6
36	Population dynamics of phlebotomine sand flies (Diptera: Psychodidae) in cutaneous leishmaniasis endemic areas of Kurunegala District, Sri Lanka. Acta Tropica, 2022, 230, 106406.	2.0	6

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37	Field-based evaluation of novaluron EC10 insect growth regulator, a chitin synthesis inhibitor against dengue vector breeding in leaf axils of pineapple plantations in Gampaha District, Sri Lanka. <i>Parasites and Vectors</i> , 2020, 13, 228.	2.5	5
38	Detection of <i>Leishmania donovani</i> DNA within Field-Caught Phlebotomine Sand Flies (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70. <i>Journal of Tropical Medicine</i> , 2021, 2021, 1-8.	1.7	5
39	A Comprehensive Analysis on Abundance, Distribution, and Bionomics of Potential Malaria Vectors in Mannar District of Sri Lanka. <i>Malaria Research and Treatment</i> , 2019, 2019, 1-13.	2.0	4
40	Larval Indices of Vector Mosquitoes as Predictors of Dengue Epidemics: An Approach to Manage Dengue Outbreaks Based on Entomological Parameters in the Districts of Colombo and Kandy, Sri Lanka. <i>BioMed Research International</i> , 2020, 2020, 1-11.	1.9	4
41	Establishment of a Colony of <i>Phlebotomus argentipes</i> under Laboratory Conditions and Morphometric Variation between Wild-Caught and Laboratory-Reared Populations. <i>Journal of Tropical Medicine</i> , 2020, 2020, 1-10.	1.7	4
42	Molecular Characterization of Culturable Aerobic Bacteria in the Midgut of Field-Caught <i>Culex tritaeniorhynchus</i> , <i>Culex gelidus</i> , and <i>Mansonia annulifera</i> Mosquitoes in the Gampaha District of Sri Lanka. <i>BioMed Research International</i> , 2020, 2020, 1-13.	1.9	3
43	An investigation of a new cutaneous leishmaniasis endemic area in Western Sri Lanka. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2021, 115, 1288-1297.	1.8	3
44	Canine filaria species in selected lymphatic filariasis endemic and non-endemic areas in Sri Lanka. <i>Parasitology Research</i> , 2022, 121, 2187-2191.	1.6	3
45	Descriptive Investigation of Strongyloidiasis Infection and Characterization of <i>Strongyloides stercoralis</i> Using Morphological and Molecular-Based Methods. <i>Case Reports in Infectious Diseases</i> , 2020, 2020, 1-7.	0.5	2
46	Developmental responses and survival of <i>Anopheles stephensi</i> larval stages at different salinity levels. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2022, 116, 935-943.	1.8	2
47	Assessment of Anxiety, Depression, Stress, and Associated Psychological Morbidities among Patients Receiving Ayurvedic Treatment for Different Health Issues: First Study from Sri Lanka. <i>BioMed Research International</i> , 2019, 2019, 1-10.	1.9	1
48	Breeding Habitat Distribution of Medically Important Mosquitoes in Kurunegala, Gampaha, Kegalle, and Kandy Districts of Sri Lanka and Potential Risk for Disease Transmission: A Cross-Sectional Study. <i>Journal of Tropical Medicine</i> , 2020, 2020, 1-12.	1.7	1