Cheikh T Diagne

List of Publications by Year
in descending order

34 papers	1,131 citations	516710 16 h-index	414414 32 g-index
37 all docs	37 docs citations	37 times ranked	1551 citing authors

#	Article	IF	Citations
1	Zika Virus Emergence in Mosquitoes in Southeastern Senegal, 2011. PLoS ONE, 2014, 9, e109442.	2.5	275
2	Potential of selected Senegalese Aedes spp. mosquitoes (Diptera: Culicidae) to transmit Zika virus. BMC Infectious Diseases, 2015, 15, 492.	2.9	170
3	Landscape Ecology of Sylvatic Chikungunya Virus and Mosquito Vectors in Southeastern Senegal. PLoS Neglected Tropical Diseases, 2012, 6, e1649.	3.0	99
4	Mayaro Virus Pathogenesis and Transmission Mechanisms. Pathogens, 2020, 9, 738.	2.8	59
5	Vector competence of Aedes vexans (Meigen), Culex poicilipes (Theobald) and Cx. quinquefasciatus Say from Senegal for West and East African lineages of Rift Valley fever virus. Parasites and Vectors, 2016, 9, 94.	2.5	41
6	Larval ecology of mosquitoes in sylvatic arbovirus foci in southeastern Senegal. Parasites and Vectors, 2012, 5, 286.	2.5	39
7	Vector Competence of Aedes aegypti and Aedes vittatus (Diptera: Culicidae) from Senegal and Cape Verde Archipelago for West African Lineages of Chikungunya Virus. American Journal of Tropical Medicine and Hygiene, 2014, 91, 635-641.	1.4	39
8	Ecological niche modeling of Aedes mosquito vectors of chikungunya virus in southeastern Senegal. Parasites and Vectors, 2018, 11, 255.	2.5	35
9	Insecticide susceptibility of Aedes aegypti populations from Senegal and Cape Verde Archipelago. Parasites and Vectors, 2012, 5, 238.	2.5	34
10	Insecticide resistance status and mechanisms in Aedes aegypti populations from Senegal. PLoS Neglected Tropical Diseases, 2021, 15, e0009393.	3.0	31
11	Bloodfeeding patterns of sylvatic arbovirus vectors in southeastern Senegal. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2013, 107, 200-203.	1.8	29
12	Patterns of a Sylvatic Yellow Fever Virus Amplification in Southeastern Senegal, 2010. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1003-1013.	1.4	28
13	Chikungunya Outbreak in Kedougou, Southeastern Senegal in 2009â€“2010. Open Forum Infectious Diseases, 2018, 5, ofx259.	0.9	24
14	Mobile Laboratory Reveals the Circulation of Dengue Virus Serotype I of Asian Origin in Medina Gounass (Guediawaye), Senegal. Diagnostics, 2020, 10, 408.	2.6	23
15	Differential Susceptibility and Innate Immune Response of Aedes aegypti and Aedes albopictus to the Haitian Strain of the Mayaro Virus. Viruses, 2019, 11, 924.	3.3	21
16	Dengue epidemic in Touba, Senegal: implications for the Grand Magal Pilgrimage for travellers. Journal of Travel Medicine, 2019, 26, .	3.0	20
17	New Insights into the Biology of the Emerging Tembusu Virus. Pathogens, 2021, 10, 1010.	2.8	17
18	Oral susceptibility of Aedes aegypti (Diptera: Culicidae) from Senegal for dengue serotypes 1 and 3 viruses. Tropical Medicine and International Health, 2014, 19, 1355-1359.	2.3	16

#	Article	IF	Citations
19	Yellow Fever Outbreak in Eastern Senegal, 2020â€“2021. Viruses, 2021, 13, 1475.	3.3	15
20	Perspectives and Challenges in Entomological Risk Assessment and Vector Control of Chikungunya. Journal of Infectious Diseases, 2016, 214, S459-S465.	4.0	13
21	Mayaro Virus Infects Human Chondrocytes and Induces the Expression of Arthritis-Related Genes Associated with Joint Degradation. Viruses, 2019, 11, 797.	3.3	13
22	Concurrent amplification of Zika, chikungunya, and yellow fever virus in a sylvatic focus of arboviruses in Southeastern Senegal, 2015. BMC Microbiology, 2020, 20, 181.	3.3	11
23	Biodiversity Pattern of Mosquitoes in Southeastern Senegal, Epidemiological Implication in Arbovirus and Malaria Transmission. Journal of Medical Entomology, 2019, 56, 453-463.	1.8	10
24	Emergences of Chikungunya and Zika in Africa. , 2018, , 87-133.		9
25	Mayaro Virus Infects Human Brain Cells and Induces a Potent Antiviral Response in Human Astrocytes. Viruses, 2021, 13, 465.	3.3	9
26	Delineating the Role of Aedes aegypti ABC Transporter Gene Family during Mosquito Development and Arboviral Infection via Transcriptome Analyses. Pathogens, 2021, 10, 1127.	2.8	9
27	Zika virus in southeastern Senegal: survival of the vectors and the virus during the dry season. BMC Infectious Diseases, 2020, 20, 371.	2.9	8
28	Resting Behavior of Blood-Fed Females and Host Feeding Preferences of Aedes aegypti (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.8	7
29	Comparative Analysis of Zika Virus Detection by RT-qPCR, RT-LAMP, and RT-RPA. Methods in Molecular Biology, 2020, 2142, 165-179.	0.9	6
30	Field evaluation of a mobile biosafety laboratory in Senegal to strengthen rapid disease outbreak response and monitoring. African Journal of Laboratory Medicine, 2020, 9, 1041.	0.6	6
31	Multiple insecticide resistance target sites in adult field strains of An. gambiae (s.l.) from southeastern Senegal. Parasites and Vectors, 2020, 13, 567.	2.5	5
32	Possible influence of Plasmodium/Trypanosoma co-infections on the vectorial capacity of Anopheles mosquitoes. BMC Research Notes, 2020, 13, 127.	1.4	2
33	Rabies surveillance in Senegal 2001 to 2015 uncovers first infection of a honeyâ€badger. Transboundary and Emerging Diseases, 2022, , .	3.0	1
34	Development of Real-Time Molecular Assays for the Detection of Wesselsbron Virus in Africa. Microorganisms, 2022, 10, 550.	3.6	1