

# Dorothe Miss

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112  
papers

4,338  
citations

33  
h-index

63  
g-index

124  
ext. papers

5,162  
ext. citations

5.3  
avg. IF

5.1  
L-index

#	Paper	IF	Citations
112	Dengue virus infection modifies mosquito blood-feeding behavior to increase transmission to the host.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	1
111	Phylogenetic relationship between the endosymbiont "Candidatus RIESIA pediculicola" and its human louse host.. <i>Parasites and Vectors</i> , <b>2022</b> , 15, 73	4	
110	Lipid Interactions Between Flaviviruses and Mosquito Vectors.. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 763195	4.6	1
109	Chikungunya and Zika Viruses: Co-Circulation and the Interplay between Viral Proteins and Host Factors. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	4
108	Mayaro Virus Infects Human Brain Cells and Induces a Potent Antiviral Response in Human Astrocytes. <i>Viruses</i> , <b>2021</b> , 13,	6.2	2
107	New Insights into the Biology of the Emerging Tembusu Virus. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	2
106	Delineating the Role of ABC Transporter Gene Family during Mosquito Development and Arboviral Infection via Transcriptome Analyses. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	3
105	Human host genetics and susceptibility to ZIKV infection. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 95, 105066	4.5	2
104	Molecular Characterization and Genetic Diversity of Haplogroup E Human Lice in Guinea, West Africa. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	4
103	High resolution proteomics of Aedes aegypti salivary glands infected with either dengue, Zika or chikungunya viruses identify new virus specific and broad antiviral factors. <i>Scientific Reports</i> , <b>2021</b> , 11, 23696	4.9	1
102	Vector Competence for Dengue-2 Viruses Isolated from Patients with Different Disease Severity. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	2
101	Highly Efficient Vertical Transmission for Zika Virus in after Long Extrinsic Incubation Time. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	3
100	The role of innate immunity in the protection conferred by a bacterial infection against cancer: study of an invertebrate model. <i>Scientific Reports</i> , <b>2020</b> , 10, 10106	4.9	2
99	Cancer and mosquitoes - An unsuspected close connection. <i>Science of the Total Environment</i> , <b>2020</b> , 743, 140631	10.2	2
98	Rare and unique adaptations to cancer in domesticated species: An untapped resource?. <i>Evolutionary Applications</i> , <b>2020</b> , 13, 1605-1614	4.8	5
97	Mosquito metabolomics reveal that dengue virus replication requires phospholipid reconfiguration via the remodeling cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 27627-27636	11.5	12
96	Mosquito Salivary Components and Their Effect on the Immune Response to Arboviruses. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 407	5.9	10

95	JNK pathway restricts DENV2, ZIKV and CHIKV infection by activating complement and apoptosis in mosquito salivary glands. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008754	7.6	16
94	Mayaro Virus Pathogenesis and Transmission Mechanisms. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	19
93	Phylogenetic analysis revealed the co-circulation of four dengue virus serotypes in Southern Thailand. <i>PLoS ONE</i> , <b>2019</b> , 14, e0221179	3.7	19
92	Mayaro Virus Infects Human Chondrocytes and Induces the Expression of Arthritis-Related Genes Associated with Joint Degradation. <i>Viruses</i> , <b>2019</b> , 11,	6.2	4
91	Transmissible cancer and the evolution of sex. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000275	9.7	9
90	Zika virus infection: an update. <i>Microbes and Infection</i> , <b>2019</b> , 21, 353-360	9.3	26
89	Obesity paradox in cancer: Is bigger really better?. <i>Evolutionary Applications</i> , <b>2019</b> , 12, 1092-1095	4.8	8
88	Inhibition of N-myristoyltransferase1 affects dengue virus replication. <i>MicrobiologyOpen</i> , <b>2019</b> , 8, e008314	3.4	4
87	SAMHD1 Enhances Chikungunya and Zika Virus Replication in Human Skin Fibroblasts. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
86	Zika virus differentially infects human neural progenitor cells according to their state of differentiation and dysregulates neurogenesis through the Notch pathway. <i>Emerging Microbes and Infections</i> , <b>2019</b> , 8, 1003-1016	18.9	27
85	Differential Susceptibility and Innate Immune Response of and to the Haitian Strain of the Mayaro Virus. <i>Viruses</i> , <b>2019</b> , 11,	6.2	9
84	Increased Mosquito Midgut Infection by Dengue Virus Recruitment of Plasmin Is Blocked by an Endogenous Kazal-type Inhibitor. <i>IScience</i> , <b>2019</b> , 21, 564-576	6.1	5
83	Interferon-inducible protein (IFI) 16 regulates Chikungunya and Zika virus infection in human skin fibroblasts. <i>EXCLI Journal</i> , <b>2019</b> , 18, 467-476	2.4	6
82	Next-Generation Sequencing on Insectivorous Bat Guano: An Accurate Tool to Identify Arthropod Viruses of Potential Agricultural Concern. <i>Viruses</i> , <b>2019</b> , 11,	6.2	3
81	Dengue virus reduces AGPAT1 expression to alter phospholipids and enhance infection in <i>Aedes aegypti</i> . <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1008199	7.6	12
80	Circulation of Alphacoronavirus, Betacoronavirus and Paramyxovirus in <i>Hipposideros</i> bat species in Zimbabwe. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 58, 253-257	4.5	17
79	Cancer Is Not (Only) a Senescence Problem. <i>Trends in Cancer</i> , <b>2018</b> , 4, 169-172	12.5	9
78	Innate Immune Response of Primary Human Keratinocytes to West Nile Virus Infection and Its Modulation by Mosquito Saliva. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 387	5.9	15

77	Monitoring arbovirus in Thailand: Surveillance of dengue, chikungunya and zika virus, with a focus on coinfections. <i>Acta Tropica</i> , <b>2018</b> , 188, 244-250	3.2	14
76	Zika virus infection modulates the metabolomic profile of microglial cells. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206093	3.7	30
75	African and Asian Zika virus strains differentially induce early antiviral responses in primary human astrocytes. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 49, 134-137	4.5	48
74	Cancer brings forward oviposition in the fly. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 272-276	2.8	19
73	Axl Mediates ZIKA Virus Entry in Human Glial Cells and Modulates Innate Immune Responses. <i>Cell Reports</i> , <b>2017</b> , 18, 324-333	10.6	278
72	Zika virus causes supernumerary foci with centriolar proteins and impaired spindle positioning. <i>Open Biology</i> , <b>2017</b> , 7,	7	27
71	A Zika virus from America is more efficiently transmitted than an Asian virus by <i>Aedes aegypti</i> mosquitoes from Asia. <i>Scientific Reports</i> , <b>2017</b> , 7, 1215	4.9	51
70	Dengue subgenomic flaviviral RNA disrupts immunity in mosquito salivary glands to increase virus transmission. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006535	7.6	72
69	Peridomestic <i>Aedes malayensis</i> and <i>Aedes albopictus</i> are capable vectors of arboviruses in cities. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005667	4.8	12
68	<i>Aedes Aegypti</i> saliva enhances chikungunya virus replication in human skin fibroblasts via inhibition of the type I interferon signaling pathway. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 55, 68-70	4.5	16
67	Imipramine Inhibits Chikungunya Virus Replication in Human Skin Fibroblasts through Interference with Intracellular Cholesterol Trafficking. <i>Scientific Reports</i> , <b>2017</b> , 7, 3145	4.9	59
66	Infections and cancer: the "fifty shades of immunity" hypothesis. <i>BMC Cancer</i> , <b>2017</b> , 17, 257	4.8	37
65	Co-Infection of Mosquitoes with Chikungunya and Dengue Viruses Reveals Modulation of the Replication of Both Viruses in Midguts and Salivary Glands of <i>Aedes aegypti</i> Mosquitoes. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	30
64	Infection of a French Population of <i>Aedes albopictus</i> and of <i>Aedes aegypti</i> (Paea Strain) with Zika Virus Reveals Low Transmission Rates to These Vectors Saliva. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	16
63	First detection of dengue and chikungunya viruses in natural populations of <i>Aedes aegypti</i> in Martinique during the 2013 - 2015 concomitant outbreak. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , <b>2017</b> , 41, e63	4.1	9
62	The effects of mosquito saliva on dengue virus infectivity in humans. <i>Current Opinion in Virology</i> , <b>2016</b> , 21, 139-145	7.5	18
61	Zika virus: epidemiology, clinical features and host-virus interactions. <i>Microbes and Infection</i> , <b>2016</b> , 18, 441-9	9.3	65
60	Dengue and Chikungunya Coinfection □ The Emergence of an Underestimated Threat <b>2016</b> ,		4

59	Cancer and life-history traits: lessons from host-parasite interactions. <i>Parasitology</i> , <b>2016</b> , 143, 533-41	2.7	24
58	The South Pacific epidemic strain of Zika virus replicates efficiently in human epithelial A549 cells leading to IFN- $\beta$ production and apoptosis induction. <i>Virology</i> , <b>2016</b> , 493, 217-26	3.6	107
57	Animal behaviour and cancer. <i>Animal Behaviour</i> , <b>2015</b> , 101, 19-26	2.8	29
56	Biology of Zika Virus Infection in Human Skin Cells. <i>Journal of Virology</i> , <b>2015</b> , 89, 8880-96	6.6	794
55	Cross-talk in host-parasite associations: What do past and recent proteomics approaches tell us?. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 33, 84-94	4.5	8
54	Inflammasome signaling pathways exert antiviral effect against Chikungunya virus in human dermal fibroblasts. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 32, 401-8	4.5	60
53	Induction of defensin response to dengue infection in <i>Aedes aegypti</i> . <i>Entomological Science</i> , <b>2015</b> , 18, 199-206	1.1	2
52	Human keratinocytes restrict chikungunya virus replication at a post-fusion step. <i>Virology</i> , <b>2015</b> , 476, 1-10	3.6	21
51	Evolutionary perspective of cancer: myth, metaphors, and reality. <i>Evolutionary Applications</i> , <b>2015</b> , 8, 541-48	4.8	24
50	Can Peto's paradox be used as the null hypothesis to identify the role of evolution in natural resistance to cancer? A critical review. <i>BMC Cancer</i> , <b>2015</b> , 15, 792	4.8	11
49	Activity level and aggregation behavior in the crustacean gammarid <i>Gammarus insensibilis</i> parasitized by the manipulative trematode <i>Microphallus papillorobustus</i> . <i>Frontiers in Ecology and Evolution</i> , <b>2015</b> , 3,	3.7	4
48	<i>Plasmodium</i> infections and fluctuating asymmetry among children and teenagers from Senegal. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 32, 97-101	4.5	5
47	Who is the puppet master? Replication of a parasitic wasp-associated virus correlates with host behaviour manipulation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20142773	4.4	72
46	Role of skin immune cells on the host susceptibility to mosquito-borne viruses. <i>Virology</i> , <b>2014</b> , 464-465, 26-32	3.6	59
45	<i>Aedesin</i> : structure and antimicrobial activity against multidrug resistant bacterial strains. <i>PLoS ONE</i> , <b>2014</b> , 9, e105441	3.7	11
44	<i>Aedes aegypti</i> saliva contains a prominent 34-kDa protein that strongly enhances dengue virus replication in human keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 281-284	4.3	44
43	Cancer: a missing link in ecosystem functioning?. <i>Trends in Ecology and Evolution</i> , <b>2013</b> , 28, 628-35	10.9	50
42	Isolation of infectious chikungunya virus and dengue virus using anionic polymer-coated magnetic beads. <i>Journal of Virological Methods</i> , <b>2013</b> , 193, 55-61	2.6	16

41	Applying ecological and evolutionary theory to cancer: a long and winding road. <i>Evolutionary Applications</i> , <b>2013</b> , 6, 1-10	4.8	57
40	Peto's paradox revisited: theoretical evolutionary dynamics of cancer in wild populations. <i>Evolutionary Applications</i> , <b>2013</b> , 6, 109-16	4.8	16
39	First screening of <i>Aedes albopictus</i> immunogenic salivary proteins. <i>Insect Molecular Biology</i> , <b>2013</b> , 22, 411-23	3.4	14
38	<i>Aedes</i> mosquito saliva modulates Rift Valley fever virus pathogenicity. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2237	4.8	52
37	Brain cancer mortality rates increase with <i>Toxoplasma gondii</i> seroprevalence in France. <i>Infection, Genetics and Evolution</i> , <b>2012</b> , 12, 496-8	4.5	47
36	Update on the proteomics of major arthropod vectors of human and animal pathogens. <i>Proteomics</i> , <b>2012</b> , 12, 3510-23	4.8	17
35	<i>Aedes aegypti</i> saliva enhances dengue virus infection of human keratinocytes by suppressing innate immune responses. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 2103-5	4.3	35
34	Natural resistance to cancers: a Darwinian hypothesis to explain Peto's paradox. <i>BMC Cancer</i> , <b>2012</b> , 12, 387	4.8	35
33	Ecology of Gordian knots in natural conditions. <i>Invertebrate Biology</i> , <b>2012</b> , 131, 294-300	1	3
32	First attempt to validate human IgG antibody response to Nterm-34kDa salivary peptide as biomarker for evaluating exposure to <i>Aedes aegypti</i> bites. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1905	4.8	31
31	Evaluation of the human IgG antibody response to <i>Aedes albopictus</i> saliva as a new specific biomarker of exposure to vector bites. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1487	4.8	35
30	Cat ownership is neither a strong predictor of <i>Toxoplasma gondii</i> infection nor a risk factor for brain cancer. <i>Biology Letters</i> , <b>2012</b> , 8, 1042-1042	3.6	2
29	Incidence of adult brain cancers is higher in countries where the protozoan parasite <i>Toxoplasma gondii</i> is common. <i>Biology Letters</i> , <b>2012</b> , 8, 101-3	3.6	77
28	Human antibody response to <i>Aedes aegypti</i> saliva in an urban population in Bolivia: a new biomarker of exposure to Dengue vector bites. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2012</b> , 87, 504-10	3.2	46
27	Malignancies and High Birth Weight in Human: Which Cancers Could Result from Antagonistic Pleiotropy?. <i>Journal of Evolutionary Medicine</i> , <b>2012</b> , 1, 1-5		3
26	Proteomics and Host-Pathogen Interactions <b>2011</b> , 263-303		3
25	Dengue virus replication in infected human keratinocytes leads to activation of antiviral innate immune responses. <i>Infection, Genetics and Evolution</i> , <b>2011</b> , 11, 1664-73	4.5	72
24	Proteomic analysis of an <i>Aedes albopictus</i> cell line infected with Dengue serotypes 1 and 3 viruses. <i>Parasites and Vectors</i> , <b>2011</b> , 4, 138	4	28

23	Implication of haematophagous arthropod salivary proteins in host-vector interactions. <i>Parasites and Vectors</i> , <b>2011</b> , 4, 187	4	129
22	Herpes simplex virus type 2 and cancer: a medical geography approach. <i>Infection, Genetics and Evolution</i> , <b>2011</b> , 11, 1239-42	4.5	13
21	Induction of a peptide with activity against a broad spectrum of pathogens in the Aedes aegypti salivary gland, following Infection with Dengue Virus. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1001252	7.6	124
20	Blood-feeding and immunogenic Aedes aegypti saliva proteins. <i>Proteomics</i> , <b>2010</b> , 10, 1906-16	4.8	48
19	Infection and body odours: evolutionary and medical perspectives. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 1006-9	4.5	30
18	The ecological significance of manipulative parasites. <i>Trends in Ecology and Evolution</i> , <b>2009</b> , 24, 41-8	10.9	206
17	Invasion of the body snatchers: the diversity and evolution of manipulative strategies in host-parasite interactions. <i>Advances in Parasitology</i> , <b>2009</b> , 68, 45-83	3.2	109
16	Neurological and physiological disorders in Artemia harboring manipulative cestodes. <i>Journal of Parasitology</i> , <b>2009</b> , 95, 20-4	0.9	28
15	Hairworm response to notonectid attacks. <i>Animal Behaviour</i> , <b>2008</b> , 75, 823-826	2.8	6
14	Two steps to suicide in crickets harbouring hairworms. <i>Animal Behaviour</i> , <b>2008</b> , 76, 1621-1624	2.8	25
13	Potential of NK cell-mediated cytotoxicity in human lung adenocarcinoma: role of NKG2D-dependent pathway. <i>International Immunology</i> , <b>2008</b> , 20, 801-10	4.9	22
12	Detection of H5N1 avian influenza virus from mosquitoes collected in an infected poultry farm in Thailand. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2008</b> , 8, 105-9	2.4	29
11	Identification of apolipoprotein C-III as a potential plasmatic biomarker associated with the resolution of hepatitis C virus infection. <i>Proteomics - Clinical Applications</i> , <b>2008</b> , 2, 751-61	3.1	8
10	IL-22 participates in an innate anti-HIV-1 host-resistance network through acute-phase protein induction. <i>Journal of Immunology</i> , <b>2007</b> , 178, 407-15	5.3	75
9	Dengue-virus-infected dendritic cells trigger vascular leakage through metalloproteinase overproduction. <i>EMBO Reports</i> , <b>2006</b> , 7, 1176-81	6.5	111
8	Dengue-virus-infected dendritic cells trigger vascular leakage through metalloproteinase overproduction. <i>EMBO Reports</i> , <b>2006</b> , 7, 1290-1290	6.5	78
7	Soluble HIV-1 gp120 enhances HIV-1 replication in non-dividing CD4+ T cells, mediated via cell signaling and Tat cofactor overexpression. <i>Aids</i> , <b>2005</b> , 19, 897-905	3.5	20
6	Highly conserved beta16/beta17 beta-hairpin structure in human immunodeficiency virus type 1 YU2 gp120 is critical for CCR5 binding. <i>Journal of Molecular Medicine</i> , <b>2005</b> , 83, 542-52	5.5	8

5	Rational design of a CD4 mimic that inhibits HIV-1 entry and exposes cryptic neutralization epitopes. <i>Nature Biotechnology</i> , <b>2003</b> , 21, 71-6	44.5	166
4	HIV-1 glycoprotein 120 induces the MMP-9 cytopathogenic factor production that is abolished by inhibition of the p38 mitogen-activated protein kinase signaling pathway. <i>Blood</i> , <b>2001</b> , 98, 541-7	2.2	61
3	Hepatitis B virus Dane particles bind to human plasma apolipoprotein H. <i>Hepatology</i> , <b>2001</b> , 33, 207-17	11.2	31
2	The SU glycoprotein 120 from HIV-1 penetrates into lipid monolayers mimicking plasma membranes. <i>Journal of Membrane Biology</i> , <b>2000</b> , 177, 251-7	2.3	11
1	JNK pathway restricts DENV, ZIKV and CHIKV infection by activating complement and apoptosis in mosquito salivary glands		1