

Rodolphe Hamel

List of Publications by Citations

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Version: 2024-04-17

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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.

30
papers

1,878
citations

17
h-index

31
g-index

31
ext. papers

2,225
ext. citations

5.2
avg, IF

4.05
L-index

#	Paper	IF	Citations
30	Biology of Zika Virus Infection in Human Skin Cells. <i>Journal of Virology</i> , 2015 , 89, 8880-96	6.6	794
29	Oxidative stress and proinflammatory effects of carbon black and titanium dioxide nanoparticles: role of particle surface area and internalized amount. <i>Toxicology</i> , 2009 , 260, 142-9	4.4	264
28	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> , 2011 , 7, e1001252	7.6	124
27	Dengue virus replication in infected human keratinocytes leads to activation of antiviral innate immune responses. <i>Infection, Genetics and Evolution</i> , 2011 , 11, 1664-73	4.5	72
26	Carbon black and titanium dioxide nanoparticles induce pro-inflammatory responses in bronchial epithelial cells: need for multiparametric evaluation due to adsorption artifacts. <i>Inhalation Toxicology</i> , 2009 , 21 Suppl 1, 115-22	2.7	70
25	Zika virus: epidemiology, clinical features and host-virus interactions. <i>Microbes and Infection</i> , 2016 , 18, 441-9	9.3	65
24	Inflammasome signaling pathways exert antiviral effect against Chikungunya virus in human dermal fibroblasts. <i>Infection, Genetics and Evolution</i> , 2015 , 32, 401-8	4.5	60
23	Imipramine Inhibits Chikungunya Virus Replication in Human Skin Fibroblasts through Interference with Intracellular Cholesterol Trafficking. <i>Scientific Reports</i> , 2017 , 7, 3145	4.9	59
22	African and Asian Zika virus strains differentially induce early antiviral responses in primary human astrocytes. <i>Infection, Genetics and Evolution</i> , 2017 , 49, 134-137	4.5	48
21	Aedes aegypti saliva contains a prominent 34-kDa protein that strongly enhances dengue virus replication in human keratinocytes. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 281-284	4.3	44
20	Zika virus infection modulates the metabolomic profile of microglial cells. <i>PLoS ONE</i> , 2018 , 13, e0206093	3.7	30
19	Bax deletion does not protect neurons from BSE-induced death. <i>Neurobiology of Disease</i> , 2006 , 23, 603-115	11.5	29
18	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> , 2019 , 8, 1003-1016	18.9	27
17	Human keratinocytes restrict chikungunya virus replication at a post-fusion step. <i>Virology</i> , 2015 , 476, 1-10	3.6	21
16	Vascular endothelial growth factor expression in heart of rats exposed to hypobaric hypoxia: differential response between mRNA and protein. <i>Journal of Cellular Physiology</i> , 2004 , 200, 107-115	7	20
15	Phylogenetic analysis revealed the co-circulation of four dengue virus serotypes in Southern Thailand. <i>PLoS ONE</i> , 2019 , 14, e0221179	3.7	19
14	Mayaro Virus Pathogenesis and Transmission Mechanisms. <i>Pathogens</i> , 2020 , 9,	4.5	19

13	Aedes Aegypti saliva enhances chikungunya virus replication in human skin fibroblasts via inhibition of the type I interferon signaling pathway. <i>Infection, Genetics and Evolution</i> , 2017 , 55, 68-70	4.5	16
12	Isolation of infectious chikungunya virus and dengue virus using anionic polymer-coated magnetic beads. <i>Journal of Virological Methods</i> , 2013 , 193, 55-61	2.6	16
11	SAMHD1 Enhances Chikungunya and Zika Virus Replication in Human Skin Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
10	Monitoring arbovirus in Thailand: Surveillance of dengue, chikungunya and zika virus, with a focus on coinfections. <i>Acta Tropica</i> , 2018 , 188, 244-250	3.2	14
9	Aedesin: structure and antimicrobial activity against multidrug resistant bacterial strains. <i>PLoS ONE</i> , 2014 , 9, e105441	3.7	11
8	Differential Susceptibility and Innate Immune Response of and to the Haitian Strain of the Mayaro Virus. <i>Viruses</i> , 2019 , 11,	6.2	9
7	First detection of dengue and chikungunya viruses in natural populations of Aedes aegypti in Martinique during the 2013 - 2015 concomitant outbreak. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2017 , 41, e63	4.1	9
6	Autocrine effect of EGFR ligands on the pro-inflammatory response induced by PM(2.5) exposure in human bronchial epithelial cells. <i>Archives of Toxicology</i> , 2012 , 86, 1537-46	5.8	6
5	Interferon-inducible protein (IFI) 16 regulates Chikungunya and Zika virus infection in human skin fibroblasts. <i>EXCLI Journal</i> , 2019 , 18, 467-476	2.4	6
4	Chikungunya and Zika Viruses: Co-Circulation and the Interplay between Viral Proteins and Host Factors. <i>Pathogens</i> , 2021 , 10,	4.5	4
3	Dengue and Chikungunya Coinfection □The Emergence of an Underestimated Threat 2016 ,		4
2	Mayaro Virus Infects Human Brain Cells and Induces a Potent Antiviral Response in Human Astrocytes. <i>Viruses</i> , 2021 , 13,	6.2	2
1	New Insights into the Biology of the Emerging Tembusu Virus. <i>Pathogens</i> , 2021 , 10,	4.5	2