Rodolphe Hamel

List of Publications by Year in Descending Order

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	Chikungunya and Zika Viruses: Co-Circulation and the Interplay between Viral Proteins and Host Factors. *Pathogens*, **2021**, 10,	4.5	4
29	Mayaro Virus Infects Human Brain Cells and Induces a Potent Antiviral Response in Human Astrocytes. *Viruses*, **2021**, 13,	6.2	2
28	New Insights into the Biology of the Emerging Tembusu Virus. *Pathogens*, **2021**, 10,	4.5	2
27	Mayaro Virus Pathogenesis and Transmission Mechanisms. *Pathogens*, **2020**, 9,	4.5	19
26	Phylogenetic analysis revealed the co-circulation of four dengue virus serotypes in Southern Thailand. *PLoS ONE*, **2019**, 14, e0221179	3.7	19
25	SAMHD1 Enhances Chikungunya and Zika Virus Replication in Human Skin Fibroblasts. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	14
24	Zika virus differentially infects human neural progenitor cells according to their state of differentiation and dysregulates neurogenesis through the Notch pathway. *Emerging Microbes and Infections*, **2019**, 8, 1003-1016	18.9	27
23	Differential Susceptibility and Innate Immune Response of and to the Haitian Strain of the Mayaro Virus. *Viruses*, **2019**, 11,	6.2	9
22	Interferon-inducible protein (IFI) 16 regulates Chikungunya and Zika virus infection in human skin fibroblasts. *EXCLI Journal*, **2019**, 18, 467-476	2.4	6
21	Monitoring arbovirus in Thailand: Surveillance of dengue, chikungunya and zika virus, with a focus on coinfections. *Acta Tropica*, **2018**, 188, 244-250	3.2	14
20	Zika virus infection modulates the metabolomic profile of microglial cells. *PLoS ONE*, **2018**, 13, e0206093	3.7	30
19	African and Asian Zika virus strains differentially induce early antiviral responses in primary human astrocytes. *Infection, Genetics and Evolution*, **2017**, 49, 134-137	4.5	48
18	Aedes Aegypti saliva enhances chikungunya virus replication in human skin fibroblasts via inhibition of the type I interferon signaling pathway. *Infection, Genetics and Evolution*, **2017**, 55, 68-70	4.5	16
17	Imipramine Inhibits Chikungunya Virus Replication in Human Skin Fibroblasts through Interference with Intracellular Cholesterol Trafficking. *Scientific Reports*, **2017**, 7, 3145	4.9	59
16	First detection of dengue and chikungunya viruses in natural populations of Aedes aegypti in Martinique during the 2013 - 2015 concomitant outbreak. *Revista Panamericana De Salud Publica/Pan American Journal of Public Health*, **2017**, 41, e63	4.1	9
15	Zika virus: epidemiology, clinical features and host-virus interactions. *Microbes and Infection*, **2016**, 18, 441-9	9.3	65
14	Dengue and Chikungunya Coinfection The Emergence of an Underestimated Threat **2016**,		4

13	Biology of Zika Virus Infection in Human Skin Cells. *Journal of Virology*, **2015**, 89, 8880-96	6.6	794
12	Inflammasome signaling pathways exert antiviral effect against Chikungunya virus in human dermal fibroblasts. *Infection, Genetics and Evolution*, **2015**, 32, 401-8	4.5	60
11	Human keratinocytes restrict chikungunya virus replication at a post-fusion step. *Virology*, **2015**, 476, 1-10	3.6	21
10	Aedesin: structure and antimicrobial activity against multidrug resistant bacterial strains. *PLoS ONE*, **2014**, 9, e105441	3.7	11
9	Aedes aegypti saliva contains a prominent 34-kDa protein that strongly enhances dengue virus replication in human keratinocytes. *Journal of Investigative Dermatology*, **2014**, 134, 281-284	4.3	44
8	Isolation of infectious chikungunya virus and dengue virus using anionic polymer-coated magnetic beads. *Journal of Virological Methods*, **2013**, 193, 55-61	2.6	16
7	Autocrine effect of EGFR ligands on the pro-inflammatory response induced by PM(2.5) exposure in human bronchial epithelial cells. *Archives of Toxicology*, **2012**, 86, 1537-46	5.8	6
6	Dengue virus replication in infected human keratinocytes leads to activation of antiviral innate immune responses. *Infection, Genetics and Evolution*, **2011**, 11, 1664-73	4.5	72
5	Induction of a peptide with activity against a broad spectrum of pathogens in the Aedes aegypti salivary gland, following Infection with Dengue Virus. *PLoS Pathogens*, **2011**, 7, e1001252	7.6	124
4	Oxidative stress and proinflammatory effects of carbon black and titanium dioxide nanoparticles: role of particle surface area and internalized amount. *Toxicology*, **2009**, 260, 142-9	4.4	264
3	Carbon black and titanium dioxide nanoparticles induce pro-inflammatory responses in bronchial epithelial cells: need for multiparametric evaluation due to adsorption artifacts. *Inhalation Toxicology*, **2009**, 21 Suppl 1, 115-22	2.7	70
2	Bax deletion does not protect neurons from BSE-induced death. *Neurobiology of Disease*, **2006**, 23, 603-11	7.5	29
1	Vascular endothelial growth factor expression in heart of rats exposed to hypobaric hypoxia: differential response between mRNA and protein. *Journal of Cellular Physiology*, **2004**, 200, 107-15	7	20