

Rodolphe Hamel

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,484
citations

394421

19
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

4743
citing authors

#	ARTICLE	IF	CITATIONS
1	Biology of Zika Virus Infection in Human Skin Cells. <i>Journal of Virology</i> , 2015, 89, 8880-8896.	3.4	1,015
2	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, 142-149.	4.2	294
3	Induction of a Peptide with Activity against a Broad Spectrum of Pathogens in the <i>Aedes aegypti</i> Salivary Gland, following Infection with Dengue Virus. <i>PLoS Pathogens</i> , 2011, 7, e1001252.	4.7	149
4	Dengue virus replication in infected human keratinocytes leads to activation of antiviral innate immune responses. <i>Infection, Genetics and Evolution</i> , 2011, 11, 1664-1673.	2.3	93
5	Inflammasome signaling pathways exert antiviral effect against Chikungunya virus in human dermal fibroblasts. <i>Infection, Genetics and Evolution</i> , 2015, 32, 401-408.	2.3	87
6	Zika virus: epidemiology, clinical features and host-virus interactions. <i>Microbes and Infection</i> , 2016, 18, 441-449.	1.9	84
7	Imipramine Inhibits Chikungunya Virus Replication in Human Skin Fibroblasts through Interference with Intracellular Cholesterol Trafficking. <i>Scientific Reports</i> , 2017, 7, 3145.	3.3	80
8	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, 115-122.	1.6	77
9	<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> , 2014, 134, 281-284.	0.7	64
10	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.	6.5	64
11	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.	2.3	61
12	Mayaro Virus Pathogenesis and Transmission Mechanisms. <i>Pathogens</i> , 2020, 9, 738.	2.8	59
13	Zika virus infection modulates the metabolomic profile of microglial cells. <i>PLoS ONE</i> , 2018, 13, e0206093.	2.5	52
14	Bax deletion does not protect neurons from BSE-induced death. <i>Neurobiology of Disease</i> , 2006, 23, 603-611.	4.4	31
15	Phylogenetic analysis revealed the co-circulation of four dengue virus serotypes in Southern Thailand. <i>PLoS ONE</i> , 2019, 14, e0221179.	2.5	31
16	Human keratinocytes restrict chikungunya virus replication at a post-fusion step. <i>Virology</i> , 2015, 476, 1-10.	2.4	29
17	<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> , 2017, 55, 68-70.	2.3	28
18	SAMHD1 Enhances Chikungunya and Zika Virus Replication in Human Skin Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1695.	4.1	22

#	ARTICLE	IF	CITATIONS
19	Differential Susceptibility and Innate Immune Response of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> to the Haitian Strain of the Mayaro Virus. <i>Viruses</i> , 2019, 11, 924.	3.3	21
20	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.	4.1	20
21	Monitoring arbovirus in Thailand: Surveillance of dengue, chikungunya and zika virus, with a focus on coinfections. <i>Acta Tropica</i> , 2018, 188, 244-250.	2.0	20
22	Isolation of infectious chikungunya virus and dengue virus using anionic polymer-coated magnetic beads. <i>Journal of Virological Methods</i> , 2013, 193, 55-61.	2.1	19
23	New Insights into the Biology of the Emerging Tembusu Virus. <i>Pathogens</i> , 2021, 10, 1010.	2.8	17
24	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> , 2017, 41, 1.	1.1	14
25	Interferon-inducible protein (IFI) 16 regulates Chikungunya and Zika virus infection in human skin fibroblasts. <i>EXCLI Journal</i> , 2019, 18, 467-476.	0.7	13
26	Aedesin: Structure and Antimicrobial Activity against Multidrug Resistant Bacterial Strains. <i>PLoS ONE</i> , 2014, 9, e105441.	2.5	11
27	Mayaro Virus Infects Human Brain Cells and Induces a Potent Antiviral Response in Human Astrocytes. <i>Viruses</i> , 2021, 13, 465.	3.3	9
28	Chikungunya and Zika Viruses: Co-Circulation and the Interplay between Viral Proteins and Host Factors. <i>Pathogens</i> , 2021, 10, 448.	2.8	7
29	Autocrine effect of EGFR ligands on the pro-inflammatory response induced by PM2.5 exposure in human bronchial epithelial cells. <i>Archives of Toxicology</i> , 2012, 86, 1537-1546.	4.2	6
30	Dengue and Chikungunya Coinfection – The Emergence of an Underestimated Threat. , 2016, , .		5
31	Favipiravir Inhibits Mayaro Virus Infection in Mice. <i>Viruses</i> , 2021, 13, 2213.	3.3	2