

# Michel Ouellet

## List of Publications by Year in descending order

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36  
papers

1,731  
citations

304743

22  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure to HIV-1 Directly Impairs Mucosal Epithelial Barrier Integrity Allowing Microbial Translocation. <i>PLoS Pathogens</i> , 2010, 6, e1000852.	4.7	488
2	Galectin-1 Acts as a Soluble Host Factor That Promotes HIV-1 Infectivity through Stabilization of Virus Attachment to Host Cells. <i>Journal of Immunology</i> , 2005, 174, 4120-4126.	0.8	157
3	HIV-1 gp120 Induces TLR2- and TLR4-Mediated Innate Immune Activation in Human Female Genital Epithelium. <i>Journal of Immunology</i> , 2013, 191, 4246-4258.	0.8	124
4	Galectin-1 promotes HIV-1 infectivity in macrophages through stabilization of viral adsorption. <i>Virology</i> , 2008, 371, 121-129.	2.4	94
5	Host-Soluble Galectin-1 Promotes HIV-1 Replication through a Direct Interaction with Glycans of Viral gp120 and Host CD4. <i>Journal of Virology</i> , 2011, 85, 11742-11751.	3.4	90
6	Efficient magnetic bead-based separation of HIV-1-infected cells using an improved reporter virus system reveals that p53 up-regulation occurs exclusively in the virus-expressing cell population. <i>Virology</i> , 2009, 393, 160-167.	2.4	59
7	Glycans, galectins, and HIV-1 infection. <i>Annals of the New York Academy of Sciences</i> , 2012, 1253, 133-148.	3.8	56
8	Microarray study reveals that HIV-1 induces rapid type-I interferon-dependent p53 mRNA up-regulation in human primary CD4+T cells. <i>Retrovirology</i> , 2009, 6, 5.	2.0	47
9	Acquisition of Host-Derived CD40L by HIV-1 <i>In Vivo</i> and Its Functional Consequences in the B-Cell Compartment. <i>Journal of Virology</i> , 2011, 85, 2189-2200.	3.4	46
10	Exon Level Transcriptomic Profiling of HIV-1-Infected CD4+ T Cells Reveals Virus-Induced Genes and Host Environment Favorable for Viral Replication. <i>PLoS Pathogens</i> , 2012, 8, e1002861.	4.7	46
11	Human Immunodeficiency Virus Type 1-Associated CD40 Ligand Transactivates B Lymphocytes and Promotes Infection of CD4 + T Cells. <i>Journal of Virology</i> , 2007, 81, 5872-5881.	3.4	44
12	Induction of galectin-1 expression by HTLV-I Tax and its impact on HTLV-I infectivity. <i>Retrovirology</i> , 2008, 5, 105.	2.0	41
13	Epigenetic Metabolite Acetate Inhibits Class I/II Histone Deacetylases, Promotes Histone Acetylation, and Increases HIV-1 Integration in CD4 <sup>+</sup> T Cells. <i>Journal of Virology</i> , 2017, 91, .	3.4	39
14	Nelfinavir, an HIV-1 Protease Inhibitor, Induces Oxidative Stress-Mediated, Caspase-Independent Apoptosis in <i>Leishmania Amastigotes</i> . <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e642.	3.0	34
15	Galectin-1-Specific Inhibitors as a New Class of Compounds To Treat HIV-1 Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 154-162.	3.2	34
16	Galectin-1 and HIV-1 Infection. <i>Methods in Enzymology</i> , 2010, 480, 267-294.	1.0	32
17	<i>Leishmania infantum</i> Amastigotes Enhance HIV-1 Production in Cocultures of Human Dendritic Cells and CD4+ T Cells by Inducing Secretion of IL-6 and TNF- $\alpha$ . <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e441.	3.0	30
18	HIV-1-Triggered Release of Type I IFN by Plasmacytoid Dendritic Cells Induces BAFF Production in Monocytes. <i>Journal of Immunology</i> , 2015, 194, 2300-2308.	0.8	30

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19	Leishmania infantum Amastigotes Trigger a Subpopulation of Human B Cells with an Immunoregulatory Phenotype. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003543.	3.0	29
20	Global Mapping of the Macrophage-HIV-1 Transcriptome Reveals that Productive Infection Induces Remodeling of Host Cell DNA and Chromatin. <i>Scientific Reports</i> , 2017, 7, 5238.	3.3	28
21	p56 , ZAP-70, SLP-76, and Calcium-regulated Effectors Are Involved in NF- $\kappa$ B Activation by Bisperoxovanadium Phosphotyrosyl Phosphatase Inhibitors in Human T Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 35029-35036.	3.4	26
22	HIV-1 Promotes Intake of Leishmania Parasites by Enhancing Phosphatidylserine-Mediated, CD91/LRP-1-Dependent Phagocytosis in Human Macrophages. <i>PLoS ONE</i> , 2012, 7, e32761.	2.5	23
23	HIV-1 Latency-Reversing Agents Prostratin and Bryostatin-1 Induce Blood-Brain Barrier Disruption/Inflammation and Modulate Leukocyte Adhesion/Transmigration. <i>Journal of Immunology</i> , 2017, 198, 1229-1241.	0.8	23
24	Toll-Like Receptor 2 Ligation Enhances HIV-1 Replication in Activated CCR6 <sup>+</sup> CD4 <sup>+</sup> T Cells by Increasing Virus Entry and Establishing a More Permissive Environment to Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	18
25	Keratin 8 Is Required for the Maintenance of Architectural Structure in Thymus Epithelium. <i>PLoS ONE</i> , 2013, 8, e75101.	2.5	18
26	Expression of MDM2 in Macrophages Promotes the Early Postentry Steps of HIV-1 Infection through Inhibition of p53. <i>Journal of Virology</i> , 2019, 93, .	3.4	13
27	Interferon- $\beta$ induced in female genital epithelium by HIV-1 glycoprotein 120 via Toll-like-receptor 2 pathway acts to protect the mucosal barrier. <i>Cellular and Molecular Immunology</i> , 2019, 16, 178-194.	10.5	13
28	NF- $\kappa$ B Induction by Bisperoxovanadium Compounds Requires CD45, p36LAT, PKC, and IKK Activity and Exhibits Kinetics of Activation Comparable to Those of TCR/CD28 Coengagement. <i>Biochemistry</i> , 2003, 42, 8260-8271.	2.5	11
29	Activation of HTLV-I gene transcription by protein tyrosine phosphatase inhibitors. <i>Virology</i> , 2004, 329, 395-411.	2.4	11
30	Protein Tyrosyl Phosphatases in T Cell Activation: Implication for Human Immunodeficiency Virus Transcriptional Activity. <i>Progress in Molecular Biology and Translational Science</i> , 2003, 73, 69-105.	1.9	8
31	HIV-1-Mediated BAFF Secretion in Macrophages Does Not Require Endosomal TLRs, Type-I IFN, and Nef, but Depends on the Cellular Phenotype Status. <i>Journal of Immunology</i> , 2016, 196, 3806-3817.	0.8	7
32	Effect of Galectins on Viral Transmission. <i>Methods in Molecular Biology</i> , 2015, 1207, 397-420.	0.9	6
33	Bryostatin-1 Decreases HIV-1 Infection and Viral Production in Human Primary Macrophages. <i>Journal of Virology</i> , 2022, 96, JVI0195321.	3.4	6
34	Thymidylate synthase is essential for efficient HIV-1 replication in macrophages. <i>Virology</i> , 2021, 561, 47-57.	2.4	0
35	HIV and Galectins. , 2014, , 1-9.		0
36	HIV and Galectins. , 2015, , 775-783.		0