

Mathieu Coutu

List of Publications by Year in descending order

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16
papers

949
citations

686830

13
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction with Cellular CD4 Exposes HIV-1 Envelope Epitopes Targeted by Antibody-Dependent Cell-Mediated Cytotoxicity. <i>Journal of Virology</i> , 2014, 88, 2633-2644.	1.5	237
2	The HIV-1 gp120 CD4-Bound Conformation Is Preferentially Targeted by Antibody-Dependent Cellular Cytotoxicity-Mediating Antibodies in Sera from HIV-1-Infected Individuals. <i>Journal of Virology</i> , 2015, 89, 545-551.	1.5	173
3	A Highly Conserved Residue of the HIV-1 gp120 Inner Domain Is Important for Antibody-Dependent Cellular Cytotoxicity Responses Mediated by Anti-cluster A Antibodies. <i>Journal of Virology</i> , 2016, 90, 2127-2134.	1.5	69
4	Small CD4 Mimetics Prevent HIV-1 Uninfected Bystander CD4 + T Cell Killing Mediated by Antibody-dependent Cell-mediated Cytotoxicity. <i>EBioMedicine</i> , 2016, 3, 122-134.	2.7	67
5	Co-receptor Binding Site Antibodies Enable CD4-Mimetics to Expose Conserved Anti-cluster A ADCC Epitopes on HIV-1 Envelope Glycoproteins. <i>EBioMedicine</i> , 2016, 12, 208-218.	2.7	65
6	Flow cytometry-based assay to study HIV-1 gp120 specific antibody-dependent cellular cytotoxicity responses. <i>Journal of Virological Methods</i> , 2014, 208, 107-114.	1.0	62
7	Influence of the Envelope gp120 Phe 43 Cavity on HIV-1 Sensitivity to Antibody-Dependent Cell-Mediated Cytotoxicity Responses. <i>Journal of Virology</i> , 2017, 91, .	1.5	52
8	The Highly Conserved Layer-3 Component of the HIV-1 gp120 Inner Domain Is Critical for CD4-Required Conformational Transitions. <i>Journal of Virology</i> , 2013, 87, 2549-2562.	1.5	49
9	BST-2 Expression Modulates Small CD4-Mimetic Sensitization of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2017, 91, .	1.5	40
10	Conformational Evaluation of HIV-1 Trimeric Envelope Glycoproteins Using a Cell-based ELISA Assay. <i>Journal of Visualized Experiments</i> , 2014, , 51995.	0.2	36
11	Impaired Downregulation of NKG2D Ligands by Nef Proteins from Elite Controllers Sensitizes HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2017, 91, .	1.5	30
12	HIV-1 gp120 dimers decrease the overall affinity of gp120 preparations for CD4-induced ligands. <i>Journal of Virological Methods</i> , 2015, 215-216, 37-44.	1.0	21
13	A Highly Conserved gp120 Inner Domain Residue Modulates Env Conformation and Trimer Stability. <i>Journal of Virology</i> , 2016, 90, 8395-8409.	1.5	15
14	HIV-1 gp120 envelope glycoprotein determinants for cytokine burst in human monocytes. <i>PLoS ONE</i> , 2017, 12, e0174550.	1.1	15
15	A Highly Conserved Residue in HIV-1 Nef Alpha Helix 2 Modulates Protein Expression. <i>MSphere</i> , 2016, 1, .	1.3	12
16	Lineage-Specific Differences between the gp120 Inner Domain Layer 3 of Human Immunodeficiency Virus and That of Simian Immunodeficiency Virus. <i>Journal of Virology</i> , 2016, 90, 10065-10073.	1.5	6