

Mathieu Coutu

List of Publications by Citations

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Version: 2024-04-23

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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.

16
papers

724
citations

13
h-index

16
g-index

16
ext. papers

876
ext. citations

5.6
avg, IF

3.22
L-index

#	Paper	IF	Citations
16	Interaction with cellular CD4 exposes HIV-1 envelope epitopes targeted by antibody-dependent cell-mediated cytotoxicity. <i>Journal of Virology</i> , 2014 , 88, 2633-44	6.6	183
15	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, 545-51	6.6	128
14	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, 2127-34	6.6	53
13	Flow cytometry-based assay to study HIV-1 gp120 specific antibody-dependent cellular cytotoxicity responses. <i>Journal of Virological Methods</i> , 2014 , 208, 107-14	2.6	53
12	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	8.8	53
11	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	8.8	45
10	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, 2549-62	6.6	44
9	Conformational evaluation of HIV-1 trimeric envelope glycoproteins using a cell-based ELISA assay. <i>Journal of Visualized Experiments</i> , 2014 , 51995	1.6	33
8	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,	6.6	30
7	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,	6.6	29
6	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,	6.6	22
5	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	2.6	16
4	A Highly Conserved gp120 Inner Domain Residue Modulates Env Conformation and Trimer Stability. <i>Journal of Virology</i> , 2016 , 90, 8395-409	6.6	13
3	A Highly Conserved Residue in HIV-1 Nef Alpha Helix 2 Modulates Protein Expression. <i>MSphere</i> , 2016 , 1,	5	9
2	HIV-1 gp120 envelope glycoprotein determinants for cytokine burst in human monocytes. <i>PLoS ONE</i> , 2017 , 12, e0174550	3.7	7
1	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	6.6	6