

Navid Madani

List of Publications by Citations

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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.

41
papers

1,210
citations

17
h-index

34
g-index

43
ext. papers

1,489
ext. citations

6.6
avg, IF

4.39
L-index

#	Paper	IF	Citations
41	Small-molecule CD4 mimics interact with a highly conserved pocket on HIV-1 gp120. <i>Structure</i> , 2008 , 16, 1689-701	5.2	143
40	Thermodynamics of binding of a low-molecular-weight CD4 mimetic to HIV-1 gp120. <i>Biochemistry</i> , 2006 , 45, 10973-80	3.2	134
39	Localized changes in the gp120 envelope glycoprotein confer resistance to human immunodeficiency virus entry inhibitors BMS-806 and #155. <i>Journal of Virology</i> , 2004 , 78, 3742-52	6.6	112
38	HIV/AIDS: trends in the Middle East and North Africa region. <i>International Journal of Infectious Diseases</i> , 2016 , 44, 66-73	10.5	90
37	CD4 mimetics sensitize HIV-1-infected cells to ADCC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2687-94	11.5	89
36	540. Investigating the Mechanism of a Unique Human Immunodeficiency Virus-1 (HIV-1) Entry Inhibitor, MF275. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S200-S201	1	78
35	Crystal structures of trimeric HIV envelope with entry inhibitors BMS-378806 and BMS-626529. <i>Nature Chemical Biology</i> , 2017 , 13, 1115-1122	11.7	73
34	Small-Molecule CD4-Mimics: Structure-Based Optimization of HIV-1 Entry Inhibition. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 330-4	4.3	60
33	CD4-mimetic small molecules sensitize human immunodeficiency virus to vaccine-elicited antibodies. <i>Journal of Virology</i> , 2014 , 88, 6542-55	6.6	40
32	Residues in the gp41 Ectodomain Regulate HIV-1 Envelope Glycoprotein Conformational Transitions Induced by gp120-Directed Inhibitors. <i>Journal of Virology</i> , 2017 , 91,	6.6	37
31	COVID-19 response in the Middle East and north Africa: challenges and paths forward. <i>The Lancet Global Health</i> , 2020 , 8, e886-e887	13.6	34
30	Activation and Inactivation of Primary Human Immunodeficiency Virus Envelope Glycoprotein Trimers by CD4-Mimetic Compounds. <i>Journal of Virology</i> , 2017 , 91,	6.6	28
29	Amino Acid Changes in the HIV-1 gp41 Membrane Proximal Region Control Virus Neutralization Sensitivity. <i>EBioMedicine</i> , 2016 , 12, 196-207	8.8	28
28	Antibodies Elicited by Multiple Envelope Glycoprotein Immunogens in Primates Neutralize Primary Human Immunodeficiency Viruses (HIV-1) Sensitized by CD4-Mimetic Compounds. <i>Journal of Virology</i> , 2016 , 90, 5031-5046	6.6	27
27	Comparison of Uncleaved and Mature Human Immunodeficiency Virus Membrane Envelope Glycoprotein Trimers. <i>Journal of Virology</i> , 2018 , 92,	6.6	25
26	A CD4-mimetic compound enhances vaccine efficacy against stringent immunodeficiency virus challenge. <i>Nature Communications</i> , 2018 , 9, 2363	17.4	24
25	The state of harm reduction in the Middle East and North Africa: A focus on Iran and Morocco. <i>International Journal of Drug Policy</i> , 2016 , 31, 184-9	5.5	17

24	Inhibition of human immunodeficiency virus envelope glycoprotein- mediated single cell lysis by low-molecular-weight antagonists of viral entry. <i>Journal of Virology</i> , 2007 , 81, 532-8	6.6	16
23	Long-Acting BMS-378806 Analogues Stabilize the State-1 Conformation of the Human Immunodeficiency Virus Type 1 Envelope Glycoproteins. <i>Journal of Virology</i> , 2020 , 94,	6.6	15
22	The HIV-1 Env gp120 Inner Domain Shapes the Phe43 Cavity and the CD4 Binding Site. <i>MBio</i> , 2020 , 11,	7.8	14
21	A Small-Molecule CD4-Mimetic Compound Protects Bone Marrow-Liver-Thymus Humanized Mice From HIV-1 Infection. <i>Journal of Infectious Diseases</i> , 2018 , 218, 471-475	7	14
20	Short Communication: Small-Molecule CD4 Mimetics Sensitize HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity by Antibodies Elicited by Multiple Envelope Glycoprotein Immunogens in Nonhuman Primates. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 428-431	1.6	14
19	Sindbis Virus-Pseudotyped Lentiviral Vectors Carrying VEGFR2-Specific Nanobody for Potential Transductional Targeting of Tumor Vasculature. <i>Molecular Biotechnology</i> , 2016 , 58, 738-747	3	12
18	Evaluation of the contribution of the transmembrane region to the ectodomain conformation of the human immunodeficiency virus (HIV-1) envelope glycoprotein. <i>Virology Journal</i> , 2017 , 14, 33	6.1	11
17	Visa rules imperil collaboration. <i>Science</i> , 2016 , 351, 234	33.3	10
16	Women, culture and the HIV epidemic in MENA. <i>Journal of the International AIDS Society</i> , 2014 , 17, 19074	5.4	9
15	Induction of a Tier-1-Like Phenotype in Diverse Tier-2 Isolates by Agents That Guide HIV-1 Env to Perturbation-Sensitive, Nonnative States. <i>Journal of Virology</i> , 2017 , 91,	6.6	7
14	Gender equality is crucial to the fight for better HIV treatment access and outcomes in the MENA region. <i>Journal of the International AIDS Society</i> , 2018 , 21, e25092	5.4	4
13	Drug development post COVID-19 pandemic: toward a better system to meet current and future global health challenges. <i>Expert Opinion on Drug Discovery</i> , 2021 , 16, 365-371	6.2	3
12	Fuzzy Modeling of the Enactment of Stigma by Healthcare Personnel Toward People Living with HIV in the Frame of Counterfactual Thinking: A Mixed-Method Approach. <i>AIDS Research and Human Retroviruses</i> , 2018 , 34, 808-815	1.6	2
11	Tackling HIV in MENA: Talk Is Not Enough-It Is Time for Bold Actions: A Response to Recent Commentaries. <i>International Journal of Health Policy and Management</i> , 2018 , 7, 199-200	2.5	2
10	Strain-Dependent Activation and Inhibition of Human Immunodeficiency Virus Entry by a Specific PF-68742 Stereoisomer. <i>Journal of Virology</i> , 2019 , 93,	6.6	1
9	Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein. <i>PLoS Pathogens</i> , 2020 , 16, e1008577	7.6	1
8	Identification of gp120 Residue His105 as a Novel Target for HIV-1 Neutralization by Small-Molecule CD4-Mimics. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 1824-1831	4.3	1
7	Response to letter to the editor re HIV Trends: Defining "The Middle EastS <i>International Journal of Infectious Diseases</i> , 2016 , 48, 124	10.5	1

- 6 Thematic Conversation: What Do We Know about Vulnerability to HIV and AIDS in the Middle East and North Africa?. *Middle East Studies Association Bulletin*, **2007**, 41, 32-33
- 5 A Novel Synthetic Chemokine Containing D-Amino Acids That Binds to the CXCR4 Receptor and Inhibits HIV-1 Infection.. *Blood*, **2004**, 104, 603-603 2.2
- 4 Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein **2020**, 16, e1008577
- 3 Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein **2020**, 16, e1008577
- 2 Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein **2020**, 16, e1008577
- 1 Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein **2020**, 16, e1008577