

Maier Lorizate

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,579
citations

430874

18
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

2212
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Lipids in Virus Replication. Cold Spring Harbor Perspectives in Biology, 2011, 3, a004820-a004820.	5.5	235
2	Siglec-1 Is a Novel Dendritic Cell Receptor That Mediates HIV-1 Trans-Infection Through Recognition of Viral Membrane Gangliosides. PLoS Biology, 2012, 10, e1001448.	5.6	208
3	Comparative lipidomics analysis of HIV-1 particles and their producer cell membrane in different cell lines. Cellular Microbiology, 2013, 15, 292-304.	2.1	157
4	Sphingomyelin and Cholesterol Promote HIV-1 gp41 Pretransmembrane Sequence Surface Aggregation and Membrane Restructuring. Journal of Biological Chemistry, 2002, 277, 21776-21785.	3.4	119
5	HIV-1 Capture and Transmission by Dendritic Cells: The Role of Viral Glycolipids and the Cellular Receptor Siglec-1. PLoS Pathogens, 2014, 10, e1004146.	4.7	108
6	Structural and Functional Roles of HIV-1 gp41 Pretransmembrane Sequence Segmentation. Biophysical Journal, 2003, 85, 3769-3780.	0.5	79
7	Probing HIV-1 Membrane Liquid Order by Laurdan Staining Reveals Producer Cell-dependent Differences. Journal of Biological Chemistry, 2009, 284, 22238-22247.	3.4	78
8	Sialyllactose in Viral Membrane Gangliosides Is a Novel Molecular Recognition Pattern for Mature Dendritic Cell Capture of HIV-1. PLoS Biology, 2012, 10, e1001315.	5.6	78
9	Membrane Association and Epitope Recognition by HIV-1 Neutralizing Anti-gp41 2F5 and 4E10 Antibodies. AIDS Research and Human Retroviruses, 2006, 22, 998-1006.	1.1	63
10	Interfacial pre-transmembrane domains in viral proteins promoting membrane fusion and fission. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 1624-1639.	2.6	61
11	PI(4,5)P ₂ Degradation Promotes the Formation of Cytoskeleton-Free Model Membrane Systems. ChemPhysChem, 2009, 10, 2805-2812.	2.1	56
12	The Broadly Neutralizing Anti-Human Immunodeficiency Virus Type 1 4E10 Monoclonal Antibody Is Better Adapted to Membrane-Bound Epitope Recognition and Blocking than 2F5. Journal of Virology, 2008, 82, 8986-8996.	3.4	44
13	Structural Analysis and Assembly of the HIV-1 Gp41 Amino-Terminal Fusion Peptide and the Pretransmembrane Amphipathic-At-Interface Sequence. Biochemistry, 2006, 45, 14337-14346.	2.5	42
14	Recognition and Blocking of HIV-1 gp41 Pre-transmembrane Sequence by Monoclonal 4E10 Antibody in a Raft-like Membrane Environment. Journal of Biological Chemistry, 2006, 281, 39598-39606.	3.4	41
15	Membrane-transferring Sequences of the HIV-1 Gp41 Ectodomain Assemble into an Immunogenic Complex. Journal of Molecular Biology, 2006, 360, 45-55.	4.2	38
16	Functional organization of the HIV lipid envelope. Scientific Reports, 2016, 6, 34190.	3.3	38
17	Cholesterol in the Viral Membrane is a Molecular Switch Governing HIV-1 Env Clustering. Advanced Science, 2021, 8, 2003468.	11.2	20
18	Lipid modulation of membrane-bound epitope recognition and blocking by HIV-1 neutralizing antibodies. FEBS Letters, 2008, 582, 3798-3804.	2.8	19

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19	Super-Resolution Microscopy Using a Bioorthogonal-Based Cholesterol Probe Provides Unprecedented Capabilities for Imaging Nanoscale Lipid Heterogeneity in Living Cells. <i>Small Methods</i> , 2021, 5, e2100430.	8.6	15
20	Lipidomimetic Compounds Act as HIV-1 Entry Inhibitors by Altering Viral Membrane Structure. <i>Frontiers in Immunology</i> , 2018, 9, 1983.	4.8	14
21	Hexapeptides that interfere with HIV-1 fusion peptide activity in liposomes block GP41-mediated membrane fusion. <i>FEBS Letters</i> , 2006, 580, 2561-2566.	2.8	13
22	Proteoliposomal formulations of an HIV-1 gp41-based miniprotein elicit a lipid-dependent immunodominant response overlapping the 2F5 binding motif. <i>Scientific Reports</i> , 2017, 7, 40800.	3.3	12
23	A new paradigm in molecular recognition? specific antibody binding to membrane-inserted HIV-1 epitopes. <i>Journal of Molecular Recognition</i> , 2011, 24, 642-646.	2.1	9
24	Recognition of Membrane-Bound Fusion-Peptide/MPER Complexes by the HIV-1 Neutralizing 2F5 Antibody: Implications for Anti-2F5 Immunogenicity. <i>PLoS ONE</i> , 2012, 7, e52740.	2.5	9
25	Shedding light on membrane rafts structure and dynamics in living cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183813.	2.6	9
26	Identification of a New Cholesterol-Binding Site within the IFN- β Receptor that is Required for Signal Transduction. <i>Advanced Science</i> , 2022, 9, e2105170.	11.2	9
27	Role of Protein-Lipid Interactions in Viral Entry. <i>Advanced Biology</i> , 2022, 6, e2101264.	2.5	5
28	Novel Methodology for the Detection of Enveloped Viruses. <i>Proceedings (mdpi)</i> , 2020, 50, .	0.2	0
29	GIBaren kontrako tratamendua. Berrikuspen historikoa. <i>Ekaia (journal)</i> , 2020, , 97-116.	0.0	0