

Molecular Basis of Arthritogenic Alphavirus Receptor M Virus Envelope Protein

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Human monoclonal antibodies against chikungunya virus target multiple distinct epitopes in the E1 and E2 glycoproteins. <i>PLoS Pathogens</i> , 2019, 15, e1008061.	2.1	35
2	The protein complex crystallography beamline (BL19U1) at the Shanghai Synchrotron Radiation Facility. <i>Nuclear Science and Techniques/Hewuli</i> , 2019, 30, 1.	1.3	131
3	Expression of the Mxra8 Receptor Promotes Alphavirus Infection and Pathogenesis in Mice and <i>Drosophila</i> . <i>Cell Reports</i> , 2019, 28, 2647-2658.e5.	2.9	55
4	Structures Unveil the Invasion Mechanism of Chikungunya Virus. <i>Trends in Microbiology</i> , 2019, 27, 656-658.	3.5	1
5	Cellular Attachment and Entry Factors for Chikungunya Virus. <i>Viruses</i> , 2019, 11, 1078.	1.5	41
6	Analysis of Humoral Immune Responses in Chikungunya Virus (CHIKV)-Infected Patients and Individuals Vaccinated With a Candidate CHIKV Vaccine. <i>Journal of Infectious Diseases</i> , 2020, 221, 1713-1723.	1.9	18
7	A molecular understanding of alphavirus entry. <i>PLoS Pathogens</i> , 2020, 16, e1008876.	2.1	62
8	Revisiting an old friend: new findings in alphavirus structure and assembly. <i>Current Opinion in Virology</i> , 2020, 45, 25-33.	2.6	18
9	Human mAbs Broadly Protect against Arthritogenic Alphaviruses by Recognizing Conserved Elements of the Mxra8 Receptor-Binding Site. <i>Cell Host and Microbe</i> , 2020, 28, 699-711.e7.	5.1	40
10	Structural basis of Chikungunya virus inhibition by monoclonal antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27637-27645.	3.3	35
11	A cross-reactive antibody protects against Ross River virus musculoskeletal disease despite rapid neutralization escape in mice. <i>PLoS Pathogens</i> , 2020, 16, e1008743.	2.1	12
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14	Antivirals Against Chikungunya Virus: Is the Solution in Nature?. <i>Viruses</i> , 2020, 12, 272.	1.5	17
15	Computer-Aided Design, Synthesis, and Antiviral Evaluation of Novel Acrylamides as Potential Inhibitors of E3-E2-E1 Glycoproteins Complex from Chikungunya Virus. <i>Pharmaceuticals</i> , 2020, 13, 141.	1.7	23
16	An Evolutionary Insertion in the Mxra8 Receptor-Binding Site Confers Resistance to Alphavirus Infection and Pathogenesis. <i>Cell Host and Microbe</i> , 2020, 27, 428-440.e9.	5.1	26
17	Host Factors and Pathways Involved in the Entry of Mosquito-Borne Alphaviruses. <i>Trends in Microbiology</i> , 2021, 29, 634-647.	3.5	7
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19	Insights into Antibody-Mediated Alphavirus Immunity and Vaccine Development Landscape. <i>Microorganisms</i> , 2021, 9, 899.	1.6	8
20	Persistent Joint Pain Following Arthropod Virus Infections. <i>Current Rheumatology Reports</i> , 2021, 23, 26.	2.1	13
21	Chikungunya virus entry is strongly inhibited by phospholipase A2 isolated from the venom of <i>Crotalus durissus terrificus</i> . <i>Scientific Reports</i> , 2021, 11, 8717.	1.6	27
22	BHK-21 Cell Clones Differ in Chikungunya Virus Infection and MXRA8 Receptor Expression. <i>Viruses</i> , 2021, 13, 949.	1.5	5
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24	The Phosphatidylserine Receptor TIM-1 Enhances Authentic Chikungunya Virus Cell Entry. <i>Cells</i> , 2021, 10, 1828.	1.8	24
25	Pan-protective anti-alphavirus human antibodies target a conserved E1 protein epitope. <i>Cell</i> , 2021, 184, 4414-4429.e19.	13.5	41
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29	Structure of Venezuelan equine encephalitis virus with its receptor LDLRAD3. <i>Nature</i> , 2021, 598, 677-681.	13.7	25
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39	Matrix remodeling-associated protein 8 is a marker of a subset of cancer-associated fibroblasts in pancreatic cancer. <i>Pathology International</i> , 2022, 72, 161-175.	0.6	10
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41	ChikvInt: a Chikungunya virus-host protein-protein interaction database. <i>Letters in Applied Microbiology</i> , 2022, 74, 992-1000.	1.0	2
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49	MXRA8 is an immune-relative prognostic biomarker associated with metastasis and CD8+ T cell infiltration in colorectal cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	4
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51	Understanding the Biology and Immune Pathogenesis of Chikungunya Virus Infection for Diagnostic and Vaccine Development. <i>Viruses</i> , 2023, 15, 48.	1.5	2
52	Comparative Efficacy of Mayaro Virus-Like Particle Vaccines Produced in Insect or Mammalian Cells. <i>Journal of Virology</i> , 2023, 97, .	1.5	2
53	The E2 glycoprotein holds key residues for Mayaro virus adaptation to the urban <i>Aedes aegypti</i> mosquito. <i>PLoS Pathogens</i> , 2023, 19, e1010491.	2.1	4
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