

Jun Arii

List of Publications by Year in descending order

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43
papers

1,660
citations

361413

20
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	PILRÎ± Is a Herpes Simplex Virus-1 Entry Coreceptor That Associates with Glycoprotein B. <i>Cell</i> , 2008, 132, 935-944.	28.9	264
2	Non-muscle myosin IIA is a functional entry receptor for herpes simplex virus-1. <i>Nature</i> , 2010, 467, 859-862.	27.8	194
3	Herpes Simplex Virus 1 VP22 Inhibits AIM2-Dependent Inflammasome Activation to Enable Efficient Viral Replication. <i>Cell Host and Microbe</i> , 2018, 23, 254-265.e7.	11.0	109
4	ESCRT-III mediates budding across the inner nuclear membrane and regulates its integrity. <i>Nature Communications</i> , 2018, 9, 3379.	12.8	86
5	Entry of Herpes Simplex Virus 1 and Other Alphaherpesviruses via the Paired Immunoglobulin-Like Type 2 Receptor Î±. <i>Journal of Virology</i> , 2009, 83, 4520-4527.	3.4	78
6	Herpes Simplex Virus 1 Protein Kinase Us3 Phosphorylates Viral Envelope Glycoprotein B and Regulates Its Expression on the Cell Surface. <i>Journal of Virology</i> , 2009, 83, 250-261.	3.4	73
7	Herpes Simplex Virus 1 UL47 Interacts with Viral Nuclear Egress Factors UL31, UL34, and Us3 and Regulates Viral Nuclear Egress. <i>Journal of Virology</i> , 2014, 88, 4657-4667.	3.4	64
8	Role of Herpes Simplex Virus 1 Immediate Early Protein ICP22 in Viral Nuclear Egress. <i>Journal of Virology</i> , 2014, 88, 7445-7454.	3.4	58
9	Role of Host Cell p32 in Herpes Simplex Virus 1 De-Envelopment during Viral Nuclear Egress. <i>Journal of Virology</i> , 2015, 89, 8982-8998.	3.4	55
10	Combating herpesvirus encephalitis by potentiating a TLR3â€“mTORC2 axis. <i>Nature Immunology</i> , 2018, 19, 1071-1082.	14.5	52
11	Herpes Simplex Virus 1 Protein Kinase Us3 and Major Tegument Protein UL47 Reciprocally Regulate Their Subcellular Localization in Infected Cells. <i>Journal of Virology</i> , 2011, 85, 9599-9613.	3.4	42
12	Angiomotin functions in HIV-1 assembly and budding. <i>ELife</i> , 2015, 4, .	6.0	42
13	Herpes Simplex Virus 1 Recruits CD98 Heavy Chain and Î²1 Integrin to the Nuclear Membrane for Viral De-Envelopment. <i>Journal of Virology</i> , 2015, 89, 7799-7812.	3.4	36
14	A Single-Amino-Acid Substitution in Herpes Simplex Virus 1 Envelope Glycoprotein B at a Site Required for Binding to the Paired Immunoglobulin-Like Type 2 Receptor Î± (PILRÎ±) Abrogates PILRÎ±-Dependent Viral Entry and Reduces Pathogenesis. <i>Journal of Virology</i> , 2010, 84, 10773-10783.	3.4	33
15	Effects of Phosphorylation of Herpes Simplex Virus 1 Envelope Glycoprotein B by Us3 Kinase In Vivo and In Vitro. <i>Journal of Virology</i> , 2010, 84, 153-162.	3.4	32
16	Identification of the Capsid Binding Site in the Herpes Simplex Virus 1 Nuclear Egress Complex and Its Role in Viral Primary Envelopment and Replication. <i>Journal of Virology</i> , 2019, 93, .	3.4	32
17	Nonmuscle Myosin Heavy Chain IIB Mediates Herpes Simplex Virus 1 Entry. <i>Journal of Virology</i> , 2015, 89, 1879-1888.	3.4	31
18	Roles of the Interhexamer Contact Site for Hexagonal Lattice Formation of the Herpes Simplex Virus 1 Nuclear Egress Complex in Viral Primary Envelopment and Replication. <i>Journal of Virology</i> , 2019, 93, .	3.4	27

#	ARTICLE	IF	CITATIONS
19	Roles of the Phosphorylation of Herpes Simplex Virus 1 UL51 at a Specific Site in Viral Replication and Pathogenicity. <i>Journal of Virology</i> , 2018, 92, .	3.4	25
20	The Interaction between Herpes Simplex Virus 1 Tegument Proteins UL51 and UL14 and Its Role in Virion Morphogenesis. <i>Journal of Virology</i> , 2016, 90, 8754-8767.	3.4	24
21	The Role of HSV Glycoproteins in Mediating Cell Entry. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1045, 3-21.	1.6	23
22	Phosphorylation of Herpes Simplex Virus 1 dUTPase Upregulated Viral dUTPase Activity To Compensate for Low Cellular dUTPase Activity for Efficient Viral Replication. <i>Journal of Virology</i> , 2014, 88, 7776-7785.	3.4	22
23	Host and Viral Factors Involved in Nuclear Egress of Herpes Simplex Virus 1. <i>Viruses</i> , 2021, 13, 754.	3.3	22
24	Herpes Simplex Virus 1 UL34 Protein Regulates the Global Architecture of the Endoplasmic Reticulum in Infected Cells. <i>Journal of Virology</i> , 2017, 91, .	3.4	19
25	Identification of a herpes simplex virus 1 gene encoding neurovirulence factor by chemical proteomics. <i>Nature Communications</i> , 2020, 11, 4894.	12.8	18
26	p53 Is a Host Cell Regulator during Herpes Simplex Encephalitis. <i>Journal of Virology</i> , 2016, 90, 6738-6745.	3.4	17
27	Cellular Transcriptional Coactivator RanBP10 and Herpes Simplex Virus 1 ICP0 Interact and Synergistically Promote Viral Gene Expression and Replication. <i>Journal of Virology</i> , 2016, 90, 3173-3186.	3.4	17
28	Multiple Roles of the Cytoplasmic Domain of Herpes Simplex Virus 1 Envelope Glycoprotein D in Infected Cells. <i>Journal of Virology</i> , 2016, 90, 10170-10181.	3.4	15
29	Role of the Arginine Cluster in the Disordered Domain of Herpes Simplex Virus 1 UL34 for the Recruitment of ESCRT-III for Viral Primary Envelopment. <i>Journal of Virology</i> , 2022, 96, JVI0170421.	3.4	15
30	Characterization of a Herpes Simplex Virus 1 (HSV-1) Chimera in Which the Us3 Protein Kinase Gene Is Replaced with the HSV-2 Us3 Gene. <i>Journal of Virology</i> , 2016, 90, 457-473.	3.4	13
31	Role of Phosphatidylethanolamine Biosynthesis in Herpes Simplex Virus 1-Infected Cells in Progeny Virus Morphogenesis in the Cytoplasm and in Viral Pathogenicity <i>in Vivo</i> . <i>Journal of Virology</i> , 2020, 94, .	3.4	13
32	Phosphorylation of Herpes Simplex Virus 1 dUTPase Regulates Viral Virulence and Genome Integrity by Compensating for Low Cellular dUTPase Activity in the Central Nervous System. <i>Journal of Virology</i> , 2015, 89, 241-248.	3.4	12
33	ESCRT-III controls nuclear envelope deformation induced by progerin. <i>Scientific Reports</i> , 2020, 10, 18877.	3.3	12
34	Construction of an infectious clone of canine herpesvirus genome as a bacterial artificial chromosome. <i>Microbes and Infection</i> , 2006, 8, 1054-1063.	1.9	11
35	The UL12 Protein of Herpes Simplex Virus 1 Is Regulated by Tyrosine Phosphorylation. <i>Journal of Virology</i> , 2014, 88, 10624-10634.	3.4	11
36	Herpes Simplex Virus 1 Small Capsomere-Interacting Protein VP26 Regulates Nucleocapsid Maturation. <i>Journal of Virology</i> , 2017, 91, .	3.4	11

#	ARTICLE	IF	CITATIONS
37	Regulation of Herpes Simplex Virus 2 Protein Kinase UL13 by Phosphorylation and Its Role in Viral Pathogenesis. <i>Journal of Virology</i> , 2018, 92, .	3.4	11
38	Prohibitin-1 Contributes to Cell-to-Cell Transmission of Herpes Simplex Virus 1 via the MAPK/ERK Signaling Pathway. <i>Journal of Virology</i> , 2021, 95, .	3.4	10
39	Function of the Herpes Simplex Virus 1 Small Capsid Protein VP26 Is Regulated by Phosphorylation at a Specific Site. <i>Journal of Virology</i> , 2015, 89, 6141-6147.	3.4	9
40	Roles of Us8A and Its Phosphorylation Mediated by Us3 in Herpes Simplex Virus 1 Pathogenesis. <i>Journal of Virology</i> , 2016, 90, 5622-5635.	3.4	9
41	Human Herpesvirus 6A Tegument Protein U14 Induces NF- κ B Signaling by Interacting with p65. <i>Journal of Virology</i> , 2021, 95, e0126921.	3.4	6
42	Analysis of herpesvirus host specificity determinants using herpesvirus genomes as bacterial artificial chromosomes. <i>Microbiology and Immunology</i> , 2009, 53, 433-441.	1.4	4
43	The Combination of gQ1 and gQ2 in Human Herpesvirus 6A and 6B Regulates the Viral Tetramer Function for Their Receptor Recognition. <i>Journal of Virology</i> , 2021, 95, .	3.4	3