Andres Merits

List of Publications by Year
in descending order

177 papers	8,847 citations	30047 54 h-index	62565 80 g-index
190 all docs	190 docs citations	190 times ranked	8764 citing authors

#	Article	IF	Citations
1	Crystal structures of alphavirus nonstructural protein 4 (nsP4) reveal an intrinsically dynamic RNA-dependent RNA polymerase fold. Nucleic Acids Research, 2022, 50, 1000-1016.	6.5	20
2	Posaconazole inhibits multiple steps of the alphavirus replication cycle. Antiviral Research, 2022, 197, 105223.	1.9	4
3	Chikungunya Virusâ€™ High Genomic Plasticity Enables Rapid Adaptation to Restrictive A549 Cells. Viruses, 2022, 14, 282.	1.5	2
4	Role of the homologous MTase-RdRp interface of flavivirus intramolecular NS5 on duck tembusu virus. Veterinary Microbiology, 2022, 269, 109433.	0.8	2
5	Expression of Alphavirus Nonstructural Protein 2 (nsP2) in Mosquito Cells Inhibits Viral RNA Replication in Both a Protease Activity-Dependent and -Independent Manner. Viruses, 2022, 14, 1327.	1.5	6
6	MosquitoÂ saliva enhances virus infection through sialokinin-dependent vascular leakage. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	16
7	Interdomain Flexibility of Chikungunya Virus nsP2 Helicase-Protease Differentially Influences Viral RNA Replication and Infectivity. Journal of Virology, 2021, 95, .	1.5	18
8	A plasmid DNA-launched SARS-CoV-2 reverse genetics system and coronavirus toolkit for COVID-19 research. PLoS Biology, 2021, 19, e3001091.	2.6	163
9	1,3-Thiazolbenzamide Derivatives as Chikungunya Virus nsP2 Protease Inhibitors. ACS Omega, 2021, 6, 5786-5794.	1.6	12
10	Phosphorylation Sites in the Hypervariable Domain in Chikungunya Virus nsP3 Are Crucial for Viral Replication. Journal of Virology, 2021, 95, .	1.5	11
11	Novel Analogues of the Chikungunya Virus Protease Inhibitor: Molecular Design, Synthesis, and Biological Evaluation. ACS Omega, 2021, 6, 10884-10896.	1.6	8
12	Chikungunya virus entry is strongly inhibited by phospholipase A2 isolated from the venom of Crotalus durissus terrificus. Scientific Reports, 2021, 11, 8717.	1.6	27
13	Analysis of Zika virus capsid-Aedes aegypti mosquito interactome reveals pro-viral host factors critical for establishing infection. Nature Communications, 2021, 12, 2766.	5.8	19
14	IFN-I-tolerant oncolytic Semliki Forest virus in combination with anti-PD1 enhances T cell response against mouse glioma. Molecular Therapy - Oncolytics, 2021, 21, 37-46.	2.0	14
15	An Aedes aegypti-Derived Ago2 Knockout Cell Line to Investigate Arbovirus Infections. Viruses, 2021, 13, 1066.	1.5	10
16	In vitro selection of Remdesivir resistance suggests evolutionary predictability of SARS-CoV-2. PLoS Pathogens, 2021, 17, e1009929.	2.1	108
17	nsP4 Is a Major Determinant of Alphavirus Replicase Activity and Template Selectivity. Journal of Virology, 2021, 95, e0035521.	1.5	19
18	Semliki Forest Virus Chimeras with Functional Replicase Modules from Related Alphaviruses Survive by Adaptive Mutations in Functionally Important Hot Spots. Journal of Virology, 2021, 95, e0097321.	1.5	5

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19	Alphavirus RNA replication in vertebrate cells. Advances in Virus Research, 2021, 111, 111-156.	0.9	22
20	Tomatidine reduces Chikungunya virus progeny release by controlling viral protein expression. PLoS Neglected Tropical Diseases, 2021, 15, e0009916.	1.3	8
21	Synergistic Interferon-Alpha-Based Combinations for Treatment of SARS-CoV-2 and Other Viral Infections. Viruses, 2021, 13, 2489.	1.5	20
22	Organometallic Complex Strongly Impairs Chikungunya Virus Entry to the Host Cells. Frontiers in Microbiology, 2020, 11, 608924.	1.5	16
23	The First Nonmammalian Pegivirus Demonstrates Efficient In Vitro Replication and High Lymphotropism. Journal of Virology, 2020, 94, .	1.5	9
24	Cas13b-dependent and Cas13b-independent RNA knockdown of viral sequences in mosquito cells following guide RNA expression. Communications Biology, 2020, 3, 413.	2.0	24
25	Cross-utilisation of template RNAs by alphavirus replicases. PLoS Pathogens, 2020, 16, e1008825.	2.1	18
26	N-glycosylation in the Pre-Membrane Protein Is Essential for the Zika Virus Life Cycle. Viruses, 2020, 12, 925.	1.5	20
27	Glucose-Regulated Protein 78 Interacts with Zika Virus Envelope Protein and Contributes to a Productive Infection. Viruses, 2020, 12, 524.	1.5	14
28	Bortezomib inhibits chikungunya virus replication by interfering with viral protein synthesis. PLoS Neglected Tropical Diseases, 2020, 14, e0008336.	1.3	8
29	cis -Acting Sequences and Secondary Structures in Untranslated Regions of Duck Tembusu Virus RNA Are Important for Cap-Independent Translation and Viral Proliferation. Journal of Virology, 2020, 94, .	1.5	10
30	Pan-viral protection against arboviruses by activating skin macrophages at the inoculation site. Science Translational Medicine, 2020, 12, .	5.8	25
31	Sensitivity of Alphaviruses to G3BP Deletion Correlates with Efficiency of Replicase Polyprotein Processing. Journal of Virology, 2020, 94, .	1.5	20
32	Identification of Natural Molecular Determinants of Ross River Virus Type I Interferon Modulation. Journal of Virology, 2020, 94, .	1.5	4
33	Palmitoylated Cysteines in Chikungunya Virus nsP1 Are Critical for Targeting to Cholesterol-Rich Plasma Membrane Microdomains with Functional Consequences for Viral Genome Replication. Journal of Virology, 2020, 94, .	1.5	18
34	Is the ADP ribose site of the Chikungunya virus NSP3 Macro domain a target for antiviral approaches?. Acta Tropica, 2020, 207, 105490.	0.9	20
35	Basic insights into Zika virus infection of neuroglial and brain endothelial cells. Journal of General Virology, 2020, 101, 622-634.	1.3	12
36	Structural and phenotypic analysis of Chikungunya virus RNA replication elements. Nucleic Acids Research, 2019, 47, 9296-9312.	6.5	37

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37	Common Nodes of Virusâ€"Host Interaction Revealed Through an Integrated Network Analysis. Frontiers in Immunology, 2019, 10, 2186.	2.2	67
38	Binding of the Duck Tembusu Virus Protease to STING Is Mediated by NS2B and Is Crucial for STING Cleavage and for Impaired Induction of IFN-Î². Journal of Immunology, 2019, 203, 3374-3385.	0.4	56
39	Chikungunya virus requires cellular chloride channels for efficient genome replication. PLoS Neglected Tropical Diseases, 2019, 13, e0007703.	1.3	22
40	VCP/p97 Is a Proviral Host Factor for Replication of Chikungunya Virus and Other Alphaviruses. Frontiers in Microbiology, 2019, 10, 2236.	1.5	14
41	Design and Use of Chikungunya Virus Replication Templates Utilizing Mammalian and Mosquito RNA Polymerase I-Mediated Transcription. Journal of Virology, 2019, 93, .	1.5	24
42	Mutating chikungunya virus nonâ€structural protein produces potent liveâ€attenuated vaccine candidate. EMBO Molecular Medicine, 2019, 11, .	3.3	23
43	Structural insights into RNA recognition by the Chikungunya virus nsP2 helicase. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9558-9567.	3.3	50
44	Low Temperature and Low UV Indexes Correlated with Peaks of Influenza Virus Activity in Northern Europe during 2010â€"2018. Viruses, 2019, 11, 207.	1.5	81
45	Expanding the activity spectrum of antiviral agents. Drug Discovery Today, 2019, 24, 1224-1228.	3.2	31
46	SAMHD1 Enhances Chikungunya and Zika Virus Replication in Human Skin Fibroblasts. International Journal of Molecular Sciences, 2019, 20, 1695.	1.8	22
47	A diarylamine derived from anthranilic acid inhibits ZIKV replication. Scientific Reports, 2019, 9, 17703.	1.6	15
48	The Host DHX9 DExH-Box Helicase Is Recruited to Chikungunya Virus Replication Complexes for Optimal Genomic RNA Translation. Journal of Virology, 2019, 93, .	1.5	43
49	Analysis of Functional Virus-generated PAMP RNAs Using IFNÎ±/Î² ELISA Assay. Bio-protocol, 2019, 9, e3282.	0.2	0
50	Abstract B175: Semliki Forest virus-mediated oncolytic immunotherapy in mouse GL261 glioblastoma model. , 2019, , .		0
51	Deciphering the potential of baicalin as an antiviral agent for Chikungunya virus infection. Antiviral Research, 2018, 150, 101-111.	1.9	60
52	Novel activities of safe-in-human broad-spectrum antiviral agents. Antiviral Research, 2018, 154, 174-182.	1.9	64
53	Timeliness of Proteolytic Events Is Prerequisite for Efficient Functioning of the Alphaviral Replicase. Journal of Virology, 2018, 92, .	1.5	19
54	A Chikungunya Virus <i>trans</i> -Replicase System Reveals the Importance of Delayed Nonstructural Polyprotein Processing for Efficient Replication Complex Formation in Mosquito Cells. Journal of Virology, 2018, 92, .	1.5	32

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55	ADP-ribosylâ€"binding and hydrolase activities of the alphavirus nsP3 macrodomain are critical for initiation of virus replication. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10457-E10466.	3.3	99
56	A Systems Approach to Study Immuno- and Neuro-Modulatory Properties of Antiviral Agents. Viruses, 2018, 10, 423.	1.5	10
57	Spindle-E Acts Antivirally Against Alphaviruses in Mosquito Cells. Viruses, 2018, 10, 88.	1.5	29
58	Mutation of CD2AP and SH3KBP1 Binding Motif in Alphavirus nsP3 Hypervariable Domain Results in Attenuated Virus. Viruses, 2018, 10, 226.	1.5	37
59	Decreased Virulence of Ross River Virus Harboring a Mutation in the First Cleavage Site of Nonstructural Polyprotein Is Caused by a Novel Mechanism Leading to Increased Production of Interferon-Inducing RNAs. MBio, 2018, 9, .	1.8	13
60	DNA-launched RNA replicon vaccines induce potent anti-Ebolavirus immune responses that can be further improved by a recombinant MVA boost. Scientific Reports, 2018, 8, 12459.	1.6	21
61	Persistent Replication of a Chikungunya Virus Replicon in Human Cells Is Associated with Presence of Stable Cytoplasmic Granules Containing Nonstructural Protein 3. Journal of Virology, 2018, 92, .	1.5	27
62	ICTV Virus Taxonomy Profile: Togaviridae. Journal of General Virology, 2018, 99, 761-762.	1.3	122
63	Obatoclax Inhibits Alphavirus Membrane Fusion by Neutralizing the Acidic Environment of Endocytic Compartments. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	56
64	Characterization of Î²- <scp>d</scp> - <i>N</i> ⁴ -Hydroxycytidine as a Novel Inhibitor of Chikungunya Virus. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	64
65	Chikungunya virus: an update on the biology and pathogenesis of this emerging pathogen. Lancet Infectious Diseases, The, 2017, 17, e107-e117.	4.6	302
66	Fingolimod treatment abrogates chikungunya virusâ€"induced arthralgia. Science Translational Medicine, 2017, 9, .	5.8	57
67	Mutation of the N-Terminal Region of Chikungunya Virus Capsid Protein: Implications for Vaccine Design. MBio, 2017, 8, .	1.8	37
68	A Sensitive Method for Detecting Zika Virus Antigen in Patientsâ€™ Whole-Blood Specimens as an Alternative Diagnostic Approach. Journal of Infectious Diseases, 2017, 216, 182-190.	1.9	25
69	SNAP-tagged Chikungunya Virus Replicons Improve Visualisation of Non-Structural Protein 3 by Fluorescence Microscopy. Scientific Reports, 2017, 7, 5682.	1.6	26
70	Evaluation of a range of mammalian and mosquito cell lines for use in Chikungunya virus research. Scientific Reports, 2017, 7, 14641.	1.6	40
71	Differential effects of lipid biosynthesis inhibitors on Zika and Semliki Forest viruses. Veterinary Journal, 2017, 230, 62-64.	0.6	8
72	Imipramine Inhibits Chikungunya Virus Replication in Human Skin Fibroblasts through Interference with Intracellular Cholesterol Trafficking. Scientific Reports, 2017, 7, 3145.	1.6	80

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73	Partially Uncleaved Alphavirus Replicase Forms Spherule Structures in the Presence and Absence of RNA Template. Journal of Virology, 2017, 91, .	1.5	34
74	Safe and Effective Treatment of Experimental Neuroblastoma and Glioblastoma Using Systemically Delivered Triple MicroRNA-Detargeted Oncolytic Semliki Forest Virus. Clinical Cancer Research, 2017, 23, 1519-1530.	3.2	43
75	Characterization of the Zika virus induced small RNA response in Aedes aegypti cells. PLoS Neglected Tropical Diseases, 2017, 11, e0006010.	1.3	76
76	Reverse genetic system, genetically stable reporter viruses and packaged subgenomic replicon based on a Brazilian Zika virus isolate. Journal of General Virology, 2017, 98, 2712-2724.	1.3	84
77	Attenuated and vectored vaccines protect nonhuman primates against Chikungunya virus. JCI Insight, 2017, 2, e83527.	2.3	62
78	Wolbachia Blocks Viral Genome Replication Early in Infection without a Transcriptional Response by the Endosymbiont or Host Small RNA Pathways. PLoS Pathogens, 2016, 12, e1005536.	2.1	79
79	Functions of Chikungunya Virus Nonstructural Proteins. , 2016, , 75-98.		17
80	Vaccines Against Chikungunya Virus Infection. , 2016, , 45-62.		3
81	Inactivation of the type I interferon pathway reveals long doubleâ€stranded <scp>RNA</scp>â€mediated <scp>RNA</scp> interference in mammalian cells. EMBO Journal, 2016, 35, 2505-2518.	3.5	94
82	Design, discovery, modelling, synthesis, and biological evaluation of novel and small, low toxicity s-triazine derivatives as HIV-1 non-nucleoside reverse transcriptase inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 2519-2529.	1.4	27
83	The Antiviral Alkaloid Berberine Reduces Chikungunya Virus-Induced Mitogen-Activated Protein Kinase Signaling. Journal of Virology, 2016, 90, 9743-9757.	1.5	127
84	Chikungunya virus infectivity, RNA replication and non-structural polyprotein processing depend on the nsP2 proteaseâ€™s active site cysteine residue. Scientific Reports, 2016, 6, 37124.	1.6	45
85	Design and Validation of Novel Chikungunya Virus Protease Inhibitors. Antimicrobial Agents and Chemotherapy, 2016, 60, 7382-7395.	1.4	40
86	Antibacterial activity of the nitrovinylfuran G1 (Furvina) and its conversion products. Scientific Reports, 2016, 6, 36844.	1.6	9
87	A human genome-wide loss-of-function screen identifies effective chikungunya antiviral drugs. Nature Communications, 2016, 7, 11320.	5.8	72
88	Host Inflammatory Response to Mosquito Bites Enhances the Severity of Arbovirus Infection. Immunity, 2016, 44, 1455-1469.	6.6	178
89	Detection of Persistent Chikungunya Virus RNA but not Infectious Virus in Experimental Vertical Transmission in Aedes aegypti from Malaysia. American Journal of Tropical Medicine and Hygiene, 2016, 94, 182-186.	0.6	10
90	Effects of an In-Frame Deletion of the <i>6k</i> Gene Locus from the Genome of Ross River Virus. Journal of Virology, 2016, 90, 4150-4159.	1.5	34

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91	Antigenic Variation of East/Central/South African and Asian Chikungunya Virus Genotypes in Neutralization by Immune Sera. PLoS Neglected Tropical Diseases, 2016, 10, e0004960.	1.3	34
92	Versatile Trans-Replication Systems for Chikungunya Virus Allow Functional Analysis and Tagging of Every Replicase Protein. PLoS ONE, 2016, 11, e0151616.	1.1	64
93	Loss of TLR3 aggravates CHIKV replication and pathology due to an altered virusâ€specific neutralizing antibody response. EMBO Molecular Medicine, 2015, 7, 24-41.	3.3	81
94	RNA Interference-Guided Targeting of Hepatitis C Virus Replication with Antisense Locked Nucleic Acid-Based Oligonucleotides Containing 8-oxo-dG Modifications. PLoS ONE, 2015, 10, e0128686.	1.1	11
95	Viral Polymerase-Helicase Complexes Regulate Replication Fidelity To Overcome Intracellular Nucleotide Depletion. Journal of Virology, 2015, 89, 11233-11244.	1.5	36
96	Ability of the Encephalitic Arbovirus Semliki Forest Virus To Cross the Blood-Brain Barrier Is Determined by the Charge of the E2 Glycoprotein. Journal of Virology, 2015, 89, 7536-7549.	1.5	46
97	Stress Granule Components G3BP1 and G3BP2 Play a Proviral Role Early in Chikungunya Virus Replication. Journal of Virology, 2015, 89, 4457-4469.	1.5	130
98	Antiviral activity of silymarin against chikungunya virus. Scientific Reports, 2015, 5, 11421.	1.6	105
99	Therapeutics and Vaccines Against Chikungunya Virus. Vector-Borne and Zoonotic Diseases, 2015, 15, 250-257.	0.6	58
100	Mutations Conferring a Noncytotoxic Phenotype on Chikungunya Virus Replicons Compromise Enzymatic Properties of Nonstructural Protein 2. Journal of Virology, 2015, 89, 3145-3162.	1.5	52
101	Bindarit, an Inhibitor of Monocyte Chemotactic Protein Synthesis, Protects against Bone Loss Induced by Chikungunya Virus Infection. Journal of Virology, 2015, 89, 581-593.	1.5	98
102	Differential Phosphatidylinositol-3-Kinase-Akt-mTOR Activation by Semliki Forest and Chikungunya Viruses Is Dependent on nsP3 and Connected to Replication Complex Internalization. Journal of Virology, 2015, 89, 11420-11437.	1.5	81
103	Differences in Processing Determinants of Nonstructural Polyprotein and in the Sequence of Nonstructural Protein 3 Affect Neurovirulence of Semliki Forest Virus. Journal of Virology, 2015, 89, 11030-11045.	1.5	28
104	Trisubstituted Thieno[3,2-<i>b</i>]pyrrole 5-Carboxamides as Potent Inhibitors of Alphaviruses. Journal of Medicinal Chemistry, 2015, 58, 9196-9213.	2.9	40
105	Characterization of Aedes aegypti Innate-Immune Pathways that Limit Chikungunya Virus Replication. PLoS Neglected Tropical Diseases, 2014, 8, e2994.	1.3	110
106	Functional Cross-talk between Distant Domains of Chikungunya Virus Non-structural Protein 2 Is Decisive for Its RNA-modulating Activity. Journal of Biological Chemistry, 2014, 289, 5635-5653.	1.6	74
107	Chikungunya virus nsP3 & nsP4 interacts with HSP-90 to promote virus replication: HSP-90 inhibitors reduce CHIKV infection and inflammation in vivo. Antiviral Research, 2014, 103, 7-16.	1.9	90
108	Prime-Boost Immunization Strategies against Chikungunya Virus. Journal of Virology, 2014, 88, 13333-13343.	1.5	63

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109	Kinetic and Phenotypic Analysis of CD8 ⁺ T Cell Responses after Priming with Alphavirus Replicons and Homologous or Heterologous Booster Immunizations. Journal of Virology, 2014, 88, 12438-12451.	1.5	31
110	The Host Nonsense-Mediated mRNA Decay Pathway Restricts Mammalian RNA Virus Replication. Cell Host and Microbe, 2014, 16, 403-411.	5.1	150
111	Novel Attenuated Chikungunya Vaccine Candidates Elicit Protective Immunity in C57BL/6 mice. Journal of Virology, 2014, 88, 2858-2866.	1.5	138
112	Development of a luciferase-based system for the detection of ZnT8 autoantibodies. Journal of Immunological Methods, 2014, 405, 67-73.	0.6	13
113	Unique Epitopes Recognized by Antibodies Induced in Chikungunya Virus-Infected Non-Human Primates: Implications for the Study of Immunopathology and Vaccine Development. PLoS ONE, 2014, 9, e95647.	1.1	44
114	Virus replicon particle based Chikungunya virus neutralization assay using Gaussia luciferase as readout. Virology Journal, 2013, 10, 235.	1.4	37
115	RIG-I and MDA-5 Detection of Viral RNA-dependent RNA Polymerase Activity Restricts Positive-Strand RNA Virus Replication. PLoS Pathogens, 2013, 9, e1003610.	2.1	66
116	Presentation Overrides Specificity: Probing the Plasticity of Alphaviral Proteolytic Activity through Mutational Analysis. Journal of Virology, 2013, 87, 10207-10220.	1.5	23
117	A Pathogenic Role for CD4+ T Cells during Chikungunya Virus Infection in Mice. Journal of Immunology, 2013, 190, 259-269.	0.4	196
118	Magnetic Fractionation and Proteomic Dissection of Cellular Organelles Occupied by the Late Replication Complexes of Semliki Forest Virus. Journal of Virology, 2013, 87, 10295-10312.	1.5	52
119	Transfection of Infectious RNA and DNA/RNA Layered Vectors of Semliki Forest Virus by the Cell-Penetrating Peptide Based Reagent PepFect6. PLoS ONE, 2013, 8, e69659.	1.1	7
120	Control of the Rescue and Replication of Semliki Forest Virus Recombinants by the Insertion of miRNA Target Sequences. PLoS ONE, 2013, 8, e75802.	1.1	6
121	Phenoloxidase Activity Acts as a Mosquito Innate Immune Response against Infection with Semliki Forest Virus. PLoS Pathogens, 2012, 8, e1002977.	2.1	119
122	Sequestration of G3BP coupled with efficient translation inhibits stress granules in Semliki Forest virus infection. Molecular Biology of the Cell, 2012, 23, 4701-4712.	0.9	148
123	Fragment-Based Development of HCV Protease Inhibitors for the Treatment of Hepatitis C. Current Computer-Aided Drug Design, 2012, 8, 55-61.	0.8	13
124	Macromolecular Assembly-Driven Processing of the 2/3 Cleavage Site in the Alphavirus Replicase Polyprotein. Journal of Virology, 2012, 86, 553-565.	1.5	45
125	Mouse macrophage innate immune response to chikungunya virus infection. Virology Journal, 2012, 9, 313.	1.4	35
126	Viperin restricts chikungunya virus replication and pathology. Journal of Clinical Investigation, 2012, 122, 4447-4460.	3.9	163

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127	Synthesis and Biological Activity of Bimorpholine and its Carbanucleoside. Nucleosides, Nucleotides and Nucleic Acids, 2011, 30, 897-907.	0.4	6
128	Novel viral vectors utilizing intron splice-switching to activate genome rescue, expression and replication in targeted cells. Virology Journal, 2011, 8, 243.	1.4	9
129	Antiviral RNA Interference Responses Induced by Semliki Forest Virus Infection of Mosquito Cells: Characterization, Origin, and Frequency-Dependent Functions of Virus-Derived Small Interfering RNAs. Journal of Virology, 2011, 85, 2907-2917.	1.5	99
130	Inhibitors of Alphavirus Entry and Replication Identified with a Stable Chikungunya Replicon Cell Line and Virus-Based Assays. PLoS ONE, 2011, 6, e28923.	1.1	219
131	Synthesis of Novel Acyclic Nucleoside Analogues with Anti-Retroviral Activity. Nucleosides, Nucleotides and Nucleic Acids, 2010, 29, 707-720.	0.4	8
132	Novel Functions of the Alphavirus Nonstructural Protein nsP3 C-Terminal Region. Journal of Virology, 2010, 84, 2352-2364.	1.5	38
133	Semliki Forest Virus-Induced Endoplasmic Reticulum Stress Accelerates Apoptotic Death of Mammalian Cells. Journal of Virology, 2010, 84, 7369-7377.	1.5	57
134	The infection of mammalian and insect cells with SFV bearing nsP1 palmitoylation mutations. Virus Research, 2010, 153, 277-287.	1.1	9
135	Cell-to-Cell Spread of the RNA Interference Response Suppresses Semliki Forest Virus (SFV) Infection of Mosquito Cell Cultures and Cannot Be Antagonized by SFV. Journal of Virology, 2009, 83, 5735-5748.	1.5	42
136	Neurons and oligodendrocytes in the mouse brain differ in their ability to replicate Semliki Forest virus. Journal of NeuroVirology, 2009, 15, 57-70.	1.0	24
137	Properties and use of novel replication-competent vectors based on Semliki Forest virus. Virology Journal, 2009, 6, 33.	1.4	18
138	Semliki Forest virus strongly reduces mosquito host defence signaling. Insect Molecular Biology, 2008, 17, 647-656.	1.0	78
139	Construction, properties, and potential application of infectious plasmids containing Semliki Forest virus full-length cDNA with an inserted intron. Journal of Virological Methods, 2008, 148, 265-270.	1.0	52
140	Modulation of Aire regulates the expression of tissue-restricted antigens. Molecular Immunology, 2008, 45, 25-33.	1.0	92
141	Novel vectors expressing anti-apoptotic protein Bcl-2 to study cell death in Semliki Forest virus-infected cells. Virus Research, 2008, 131, 54-64.	1.1	9
142	Molecular Defects Caused by Temperature-Sensitive Mutations in Semliki Forest Virus nsP1. Journal of Virology, 2008, 82, 9236-9244.	1.5	15
143	Properties of non-structural protein 1 of Semliki Forest virus and its interference with virus replication. Journal of General Virology, 2008, 89, 1457-1466.	1.3	19
144	Mutations in the nuclear localization signal of nsP2 influencing RNA synthesis, protein expression and cytotoxicity of Semliki Forest virus. Journal of General Virology, 2008, 89, 676-686.	1.3	50

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145	Role of the Amphipathic Peptide of Semliki Forest Virus Replicase Protein nsP1 in Membrane Association and Virus Replication. Journal of Virology, 2007, 81, 872-883.	1.5	98
146	The type I interferon system protects mice from Semliki Forest virus by preventing widespread virus dissemination in extraneural tissues, but does not mediate the restricted replication of avirulent virus in central nervous system neurons. Journal of General Virology, 2007, 88, 3373-3384.	1.3	42
147	Insertion of EGFP into the replicase gene of Semliki Forest virus results in a novel, genetically stable marker virus. Journal of General Virology, 2007, 88, 1225-1230.	1.3	51
148	Mutations at the palmitoylation site of non-structural protein nsP1 of Semliki Forest virus attenuate virus replication and cause accumulation of compensatory mutations. Journal of General Virology, 2007, 88, 1977-1985.	1.3	40
149	Complex formation between hepatitis C virus NS2 and NS3 proteins. Virus Research, 2006, 117, 264-272.	1.1	17
150	Identification of Mutations Causing Temperature-Sensitive Defects in Semliki Forest Virus RNA Synthesis. Journal of Virology, 2006, 80, 3108-3111.	1.5	17
151	Molecular Determinants of Substrate Specificity for Semliki Forest Virus Nonstructural Protease. Journal of Virology, 2006, 80, 5413-5422.	1.5	47
152	The structure of GFRÎ±1 domain 3 reveals new insights into GDNF binding and RET activation. EMBO Journal, 2004, 23, 1452-1462.	3.5	59
153	Properly Folded Nonstructural Polyprotein Directs the Semliki Forest Virus Replication Complex to the Endosomal Compartment. Journal of Virology, 2003, 77, 1691-1702.	1.5	120
154	Regulation of the Sequential Processing of Semliki Forest Virus Replicase Polyprotein. Journal of Biological Chemistry, 2003, 278, 41636-41645.	1.6	80
155	Polypurine (A)-rich sequences promote cross-kingdom conservation of internal ribosome entry. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5301-5306.	3.3	129
156	Proteolytic processing of potyviral proteins and polyprotein processing intermediates in insect and plant cells. Journal of General Virology, 2002, 83, 1211-1221.	1.3	54
157	Site-specific Protease Activity of the Carboxyl-terminal Domain of Semliki Forest Virus Replicase Protein nsP2. Journal of Biological Chemistry, 2001, 276, 30786-30793.	1.6	73
158	Identification of the genome-linked protein in virions of Potato virus A, with comparison to other members in genus Potyvirus. Virus Research, 2001, 73, 103-112.	1.1	47
159	Phosphorylation Down-regulates the RNA Binding Function of the Coat Protein of Potato Virus A. Journal of Biological Chemistry, 2001, 276, 13530-13540.	1.6	79
160	Elimination of Phosphorylation Sites of Semliki Forest Virus Replicase Protein nsP3. Journal of Biological Chemistry, 2001, 276, 5745-5752.	1.6	68
161	Virus-Specific mRNA Capping Enzyme Encoded by Hepatitis E Virus. Journal of Virology, 2001, 75, 6249-6255.	1.5	146
162	Proteolytic processing of Semliki Forest virus-specific non-structural polyprotein by nsP2 protease. Journal of General Virology, 2001, 82, 765-773.	1.3	67

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