

Paul R Young

List of Publications by Year in descending order

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176
papers

10,198
citations

31976

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186
all docs

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docs citations

186
times ranked

9852
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#	ARTICLE	IF	CITATIONS
1	High Circulating Levels of the Dengue Virus Nonstructural Protein NS1 Early in Dengue Illness Correlate with the Development of Dengue Hemorrhagic Fever. <i>Journal of Infectious Diseases</i> , 2002, 186, 1165-1168.	4.0	568
2	The Human Immune Response to Dengue Virus Is Dominated by Highly Cross-Reactive Antibodies Endowed with Neutralizing and Enhancing Activity. <i>Cell Host and Microbe</i> , 2010, 8, 271-283.	11.0	526
3	An Antigen Capture Enzyme-Linked Immunosorbent Assay Reveals High Levels of the Dengue Virus Protein NS1 in the Sera of Infected Patients. <i>Journal of Clinical Microbiology</i> , 2000, 38, 1053-1057.	3.9	433
4	The flavivirus NS1 protein: Molecular and structural biology, immunology, role in pathogenesis and application as a diagnostic biomarker. <i>Antiviral Research</i> , 2013, 98, 192-208.	4.1	425
5	Dengue virus NS1 protein activates cells via Toll-like receptor 4 and disrupts endothelial cell monolayer integrity. <i>Science Translational Medicine</i> , 2015, 7, 304ra142.	12.4	394
6	Immunolocalization of the Dengue Virus Nonstructural Glycoprotein NS1 Suggests a Role in Viral RNA Replication. <i>Virology</i> , 1996, 220, 232-240.	2.4	393
7	Retroviral invasion of the koala genome. <i>Nature</i> , 2006, 442, 79-81.	27.8	322
8	Activity of Recombinant Dengue 2 Virus NS3 Protease in the Presence of a Truncated NS2B Co-factor, Small Peptide Substrates, and Inhibitors. <i>Journal of Biological Chemistry</i> , 2001, 276, 45762-45771.	3.4	276
9	Clinical and Laboratory Diagnosis of Dengue Virus Infection. <i>Journal of Infectious Diseases</i> , 2017, 215, S89-S95.	4.0	237
10	Wolbachia-Mediated Resistance to Dengue Virus Infection and Death at the Cellular Level. <i>PLoS ONE</i> , 2010, 5, e13398.	2.5	168
11	Downsizing human, bacterial, and viral proteins to short water-stable alpha helices that maintain biological potency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11686-11691.	7.1	162
12	Maternal Antibody and Viral Factors in the Pathogenesis of Dengue Virus in Infants. <i>Journal of Infectious Diseases</i> , 2007, 196, 416-424.	4.0	161
13	Kinetics of Plasma Viremia and Soluble Nonstructural Protein 1 Concentrations in Dengue: Differential Effects According to Serotype and Immune Status. <i>Journal of Infectious Diseases</i> , 2011, 203, 1292-1300.	4.0	144
14	The Role of Histidine Residues in Low-pH-Mediated Viral Membrane Fusion. <i>Structure</i> , 2006, 14, 1481-1487.	3.3	140
15	The Diagnostic Sensitivity of Dengue Rapid Test Assays Is Significantly Enhanced by Using a Combined Antigen and Antibody Testing Approach. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1199.	3.0	140
16	Real-time reverse transcriptase PCR for the endogenous koala retrovirus reveals an association between plasma viral load and neoplastic disease in koalas. <i>Journal of General Virology</i> , 2005, 86, 783-787.	2.9	139
17	Structure of West Nile Virus NS3 Protease: Ligand Stabilization of the Catalytic Conformation. <i>Journal of Molecular Biology</i> , 2009, 385, 1568-1577.	4.2	131
18	Systems serology detects functionally distinct coronavirus antibody features in children and elderly. <i>Nature Communications</i> , 2021, 12, 2037.	12.8	125

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19	Dengue virus nonstructural protein 1 is expressed in a glycosyl-phosphatidylinositol-linked form that is capable of signal transduction. <i>FASEB Journal</i> , 2000, 14, 1603-1610.	0.5	120
20	Use of recombinant fusion proteins and monoclonal antibodies to define linear and discontinuous antigenic sites on the dengue virus envelope glycoprotein. <i>Virology</i> , 1992, 187, 480-491.	2.4	119
21	Dengue virus nonstructural protein 1 is expressed in a glycosyl-phosphatidylinositol-linked form that is capable of signal transduction. <i>FASEB Journal</i> , 2000, 14, 1603-1610.	0.5	114
22	Prevalence of koala retrovirus in geographically diverse populations in Australia. <i>Australian Veterinary Journal</i> , 2012, 90, 404-409.	1.1	107
23	Enzymatic Characterization and Homology Model of a Catalytically Active Recombinant West Nile Virus NS3 Protease. <i>Journal of Biological Chemistry</i> , 2004, 279, 48535-48542.	3.4	103
24	The many faces of the flavivirus NS1 protein offer a multitude of options for inhibitor design. <i>Antiviral Research</i> , 2016, 130, 7-18.	4.1	103
25	Stable High-Level Expression of Heterologous Genes In Vitro and In Vivo by Noncytopathic DNA-Based Kunjin Virus Replicon Vectors. <i>Journal of Virology</i> , 2000, 74, 4394-4403.	3.4	101
26	Viral bacterial co-infection of the respiratory tract during early childhood. <i>FEMS Microbiology Letters</i> , 2015, 362, .	1.8	98
27	In silico screening of small molecule libraries using the dengue virus envelope E protein has identified compounds with antiviral activity against multiple flaviviruses. <i>Antiviral Research</i> , 2009, 84, 234-241.	4.1	95
28	Dengue virus NS1 protein activates immune cells via TLR4 but not TLR2 or TLR6. <i>Immunology and Cell Biology</i> , 2017, 95, 491-495.	2.3	89
29	A versatile reverse genetics platform for SARS-CoV-2 and other positive-strand RNA viruses. <i>Nature Communications</i> , 2021, 12, 3431.	12.8	89
30	The discriminative bilateral filter: An enhanced denoising filter for electron microscopy data. <i>Journal of Structural Biology</i> , 2006, 155, 395-408.	2.8	88
31	Residues in domain III of the dengue virus envelope glycoprotein involved in cell-surface glycosaminoglycan binding. <i>Journal of General Virology</i> , 2012, 93, 72-82.	2.9	88
32	Koala retroviruses: characterization and impact on the life of koalas. <i>Retrovirology</i> , 2013, 10, 108.	2.0	83
33	Safety and immunogenicity of an MF59-adjuvanted spike glycoprotein-clamp vaccine for SARS-CoV-2: a randomised, double-blind, placebo-controlled, phase 1 trial. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1383-1394.	9.1	82
34	Homology model of the dengue 2 virus NS3 protease: putative interactions with both substrate and NS2B cofactor.. <i>Journal of General Virology</i> , 1999, 80, 1167-1177.	2.9	78
35	Insights to Substrate Binding and Processing by West Nile Virus NS3 Protease through Combined Modeling, Protease Mutagenesis, and Kinetic Studies. <i>Journal of Biological Chemistry</i> , 2006, 281, 38448-38458.	3.4	78
36	Endogenous retroviruses. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 3413-3421.	5.4	77

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37	Potent Cationic Inhibitors of West Nile Virus NS2B/NS3 Protease With Serum Stability, Cell Permeability and Antiviral Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5714-5721.	6.4	77
38	West Nile Virus NS2B/NS3 Protease As An Antiviral Target. <i>Current Medicinal Chemistry</i> , 2008, 15, 2771-2784.	2.4	77
39	Identification of novel target sites and an inhibitor of the dengue virus E protein. <i>Journal of Computer-Aided Molecular Design</i> , 2009, 23, 333-341.	2.9	77
40	Human Metapneumovirus, Australia, 2001–2004. <i>Emerging Infectious Diseases</i> , 2006, 12, 1263-1266.	4.3	71
41	Modular α -Helical Mimetics with Antiviral Activity against Respiratory Syncytial Virus. <i>Journal of the American Chemical Society</i> , 2006, 128, 13284-13289.	13.7	70
42	A recombinant platform for flavivirus vaccines and diagnostics using chimeras of a new insect-specific virus. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	70
43	Precise location of sequential dengue virus subcomplex and complex B cell epitopes on the nonstructural-1 glycoprotein. <i>Archives of Virology</i> , 1994, 137, 315-326.	2.1	69
44	Fine Structure Analysis of Pichinde Virus Nucleocapsids. <i>Journal of General Virology</i> , 1983, 64, 833-842.	2.9	67
45	Enhancement of immunoblot staining using a mixed chromogenic substrate. <i>Journal of Immunological Methods</i> , 1989, 121, 295-296.	1.4	66
46	A broadly protective antibody that targets the flavivirus NS1 protein. <i>Science</i> , 2021, 371, 190-194.	12.6	66
47	Production of dimer-specific and dengue virus group cross-reactive mouse monoclonal antibodies to the dengue 2 virus non-structural glycoprotein NS1. <i>Journal of General Virology</i> , 1991, 72, 961-965.	2.9	65
48	Surface Modified Microprojection Arrays for the Selective Extraction of the Dengue Virus NS1 Protein As a Marker for Disease. <i>Analytical Chemistry</i> , 2012, 84, 3262-3268.	6.5	65
49	Current Status Of Short Synthetic Peptides As Vaccines. <i>Medicinal Chemistry</i> , 2006, 2, 627-646.	1.5	64
50	Structural characterization of respiratory syncytial virus fusion inhibitor escape mutants: homology model of the F protein and a syncytium formation assay. <i>Virology</i> , 2003, 311, 275-288.	2.4	63
51	Quantification of NS1 dengue biomarker in serum via optomagnetic nanocluster detection. <i>Scientific Reports</i> , 2015, 5, 16145.	3.3	62
52	Synthetic Heparan Sulfate Mimetic Pixatimod (PG545) Potently Inhibits SARS-CoV-2 by Disrupting the Spike–ACE2 Interaction. <i>ACS Central Science</i> , 2022, 8, 527-545.	11.3	62
53	Structure of the dengue virus glycoprotein non-structural protein 1 by electron microscopy and single-particle analysis. <i>Journal of General Virology</i> , 2012, 93, 771-779.	2.9	58
54	Recent advances in dengue pathogenesis and clinical management. <i>Vaccine</i> , 2015, 33, 7061-7068.	3.8	58

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55	Site-directed Mutagenesis and Kinetic Studies of the West Nile Virus NS3 Protease Identify Key Enzyme-Substrate Interactions. <i>Journal of Biological Chemistry</i> , 2005, 280, 2896-2903.	3.4	56
56	Determination of the Disulfide Bond Arrangement of Dengue Virus NS1 Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 20729-20741.	3.4	55
57	Histidine protonation and the activation of viral fusion proteins. <i>Biochemical Society Transactions</i> , 2008, 36, 43-45.	3.4	54
58	Mutagenesis of the West Nile virus NS2B cofactor domain reveals two regions essential for protease activity. <i>Journal of General Virology</i> , 2008, 89, 1010-1014.	2.9	52
59	Determinants of Zika virus host tropism uncovered by deep mutational scanning. <i>Nature Microbiology</i> , 2019, 4, 876-887.	13.3	50
60	The Isolation of Recombinants between Related Orbiviruses. <i>Journal of General Virology</i> , 1978, 41, 333-342.	2.9	48
61	Colourimetric PCR-based detection of monodon baculovirus in whole <i>Penaeus monodon</i> postlarvae. <i>Journal of Virological Methods</i> , 1998, 74, 21-29.	2.1	48
62	<i>Streptococcus pneumoniae</i> colonization of the nasopharynx is associated with increased severity during respiratory syncytial virus infection in young children. <i>Respirology</i> , 2018, 23, 220-227.	2.3	48
63	Immunoaffinity purification of native dimer forms of the flavivirus non-structural glycoprotein, NS1. <i>Journal of Virological Methods</i> , 1990, 30, 323-332.	2.1	47
64	Epstein-Barr virus nuclear antigen (EBNA) 3A induces the expression of and interacts with a subset of chaperones and co-chaperones. <i>Journal of General Virology</i> , 2008, 89, 866-877.	2.9	46
65	Improved membrane preservation of flavivirus-infected cells with cryosectioning. <i>Journal of Virological Methods</i> , 1996, 56, 67-75.	2.1	45
66	Preclinical development of a molecular clamp-stabilised subunit vaccine for severe acute respiratory syndrome coronavirus 2. <i>Clinical and Translational Immunology</i> , 2021, 10, e1269.	3.8	45
67	Arboviruses: A Family on the Move. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1062, 1-10.	1.6	43
68	Inactivated poliovirus type 2 vaccine delivered to rat skin via high density microprojection array elicits potent neutralising antibody responses. <i>Scientific Reports</i> , 2016, 6, 22094.	3.3	41
69	Structural and Functional Characterization of a Cross-Reactive Dengue Virus Neutralizing Antibody that Recognizes a Cryptic Epitope. <i>Structure</i> , 2018, 26, 51-59.e4.	3.3	41
70	An Optimized High-Throughput Immuno-Plaque Assay for SARS-CoV-2. <i>Frontiers in Microbiology</i> , 2021, 12, 625136.	3.5	41
71	Inactivation of dengue, chikungunya, and Ross River viruses in platelet concentrates after treatment with ultraviolet C light. <i>Transfusion</i> , 2016, 56, 1548-1555.	1.6	40
72	Phylogenetic Diversity of Koala Retrovirus within a Wild Koala Population. <i>Journal of Virology</i> , 2017, 91, .	3.4	40

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73	Degradation and remobilization of endogenous retroviruses by recombination during the earliest stages of a germ-line invasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8609-8614.	7.1	40
74	Substrate specificity of recombinant dengue 2 virus NS2B-NS3 protease: Influence of natural and unnatural basic amino acids on hydrolysis of synthetic fluorescent substrates. <i>Archives of Biochemistry and Biophysics</i> , 2007, 457, 187-196.	3.0	36
75	High-density microprojection array delivery to rat skin of low doses of trivalent inactivated poliovirus vaccine elicits potent neutralising antibody responses. <i>Scientific Reports</i> , 2017, 7, 12644.	3.3	36
76	Discovery of a Novel Retrovirus Sequence in an Australian Native Rodent (<i>Melomys burtoni</i>): A Putative Link between Gibbon Ape Leukemia Virus and Koala Retrovirus. <i>PLoS ONE</i> , 2014, 9, e106954.	2.5	36
77	SwarmPS: Rapid, semi-automated single particle selection software. <i>Journal of Structural Biology</i> , 2007, 157, 174-188.	2.8	35
78	Reduction of Zika virus infectivity in platelet concentrates after treatment with ultraviolet C light and in plasma after treatment with methylene blue and visible light. <i>Transfusion</i> , 2017, 57, 2677-2682.	1.6	35
79	Complete protection by a single-dose skin patch delivered SARS-CoV-2 spike vaccine. <i>Science Advances</i> , 2021, 7, eabj8065.	10.3	31
80	A generic screening platform for inhibitors of virus induced cell fusion using cellular electrical impedance. <i>Scientific Reports</i> , 2016, 6, 22791.	3.3	30
81	Granzyme A in Chikungunya and Other Arboviral Infections. <i>Frontiers in Immunology</i> , 2019, 10, 3083.	4.8	30
82	Riboflavin and ultraviolet light: impact on dengue virus infectivity. <i>Vox Sanguinis</i> , 2016, 111, 235-241.	1.5	29
83	Efficient Delivery of Dengue Virus Subunit Vaccines to the Skin by Microprojection Arrays. <i>Vaccines</i> , 2019, 7, 189.	4.4	28
84	A unified route for flavivirus structures uncovers essential pocket factors conserved across pathogenic viruses. <i>Nature Communications</i> , 2021, 12, 3266.	12.8	28
85	An improved method for the detection of peroxidase-conjugated antibodies on immunoblots. <i>Journal of Virological Methods</i> , 1989, 24, 227-235.	2.1	27
86	Isolation of serotype-specific antibodies against dengue virus non-structural protein 1 using phage display and application in a multiplexed serotyping assay. <i>PLoS ONE</i> , 2017, 12, e0180669.	2.5	27
87	Dual targeting of dengue virus virions and NS1 protein with the heparan sulfate mimic PG545. <i>Antiviral Research</i> , 2019, 168, 121-127.	4.1	27
88	Stachyonic Acid: A Dengue Virus Inhibitor from <i>Basilicum polystachyon</i> . <i>Chemistry - A European Journal</i> , 2019, 25, 5664-5667.	3.3	27
89	Bovine Herpesvirus-4-Vectored Delivery of Nipah Virus Glycoproteins Enhances T Cell Immunogenicity in Pigs. <i>Vaccines</i> , 2020, 8, 115.	4.4	27
90	Maturation of the dengue-2 virus NS1 protein in insect cells: effects of downstream NS2A sequences on baculovirus-expressed gene constructs. <i>Journal of General Virology</i> , 1995, 76, 979-984.	2.9	26

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91	Recent advances in the development of subunit-based RSV vaccines. <i>Expert Review of Vaccines</i> , 2016, 15, 53-68.	4.4	26
92	The contribution of non-human primate models to the development of human vaccines. <i>Discovery Medicine</i> , 2014, 18, 313-22.	0.5	26
93	Dengue and chikungunya viruses in plasma are effectively inactivated after treatment with methylene blue and visible light. <i>Transfusion</i> , 2016, 56, 2278-2285.	1.6	25
94	Intra-host growth kinetics of dengue virus in the mosquito <i>Aedes aegypti</i> . <i>PLoS Pathogens</i> , 2019, 15, e1008218.	4.7	23
95	Production of the baculovirus-expressed dengue virus glycoprotein NS1 can be improved dramatically with optimised regimes for fed-batch cultures and the addition of the insect moulting hormone, 20-Hydroxyecdysone. <i>Journal of Virological Methods</i> , 2002, 105, 87-98.	2.1	22
96	Comparison between polyethylene glycol and zwitterionic polymers as antifouling coatings on wearable devices for selective antigen capture from biological tissue. <i>Biointerphases</i> , 2015, 10, 04A305.	1.6	22
97	A chimeric dengue virus vaccine candidate delivered by high density microarray patches protects against infection in mice. <i>Npj Vaccines</i> , 2021, 6, 66.	6.0	22
98	Assessing the potential of unmanned aerial vehicle spraying of aqueous ozone as an outdoor disinfectant for SARS-CoV-2. <i>Environmental Research</i> , 2021, 196, 110944.	7.5	22
99	Generation and characterization of proteolytically active and highly stable truncated and full-length recombinant West Nile virus NS3. <i>Protein Expression and Purification</i> , 2007, 53, 87-96.	1.3	21
100	Arthritogenic Alphavirus Vaccines: Serogrouping Versus Cross-Protection in Mouse Models. <i>Vaccines</i> , 2020, 8, 209.	4.4	21
101	Micro-fusion inhibition tests: quantifying antibody neutralization of virus-mediated cell-cell fusion. <i>Journal of General Virology</i> , 2021, 102, .	2.9	21
102	Molecular Phylogeny of Edge Hill Virus Supports its Position in the Yellow Fever Virus Group and Identifies a New Genetic Variant. <i>Evolutionary Bioinformatics</i> , 2010, 6, EBO.S4966.	1.2	20
103	Induction of high titred, non-neutralising antibodies by self-adjuvanting peptide epitopes derived from the respiratory syncytial virus fusion protein. <i>Scientific Reports</i> , 2017, 7, 11130.	3.3	20
104	Chemical inactivation of hepatitis B virus: The effect of disinfectants on virus-associated DNA polymerase activity, morphology and infectivity. <i>Journal of Virological Methods</i> , 1983, 7, 135-148.	2.1	19
105	Catalytically active Dengue virus NS3 protease forms aggregates that are separable by size exclusion chromatography. <i>Protein Expression and Purification</i> , 2002, 25, 241-247.	1.3	19
106	Antibody-Binding, Antifouling Surface Coatings Based on Recombinant Expression of Zwitterionic EK Peptides. <i>Langmuir</i> , 2019, 35, 1266-1272.	3.5	19
107	Sustained Wolbachia-mediated blocking of dengue virus isolates following serial passage in <i>Aedes aegypti</i> cell culture. <i>Virus Evolution</i> , 2019, 5, vez012.	4.9	19
108	The Next Generation of Influenza Vaccines: Towards a Universal Solution. <i>Vaccines</i> , 2021, 9, 26.	4.4	19

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109	Localization of an Arenavirus Protein in the Nuclei of Infected Cells. <i>Journal of General Virology</i> , 1987, 68, 2465-2470.	2.9	18
110	Simultaneous uncoupled expression and purification of the Dengue virus NS3 protease and NS2B co-factor domain. <i>Protein Expression and Purification</i> , 2016, 119, 124-129.	1.3	18
111	Discovery of Sisunatovir (RV521), an Inhibitor of Respiratory Syncytial Virus Fusion. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3658-3676.	6.4	18
112	Identification of residues in West Nile virus pre-membrane protein that influence viral particle secretion and virulence. <i>Journal of General Virology</i> , 2012, 93, 1965-1975.	2.9	17
113	A portable approach for the surveillance of dengue virus-infected mosquitoes. <i>Journal of Virological Methods</i> , 2012, 183, 90-93.	2.1	17
114	Computational Identification of Antibody Epitopes on the Dengue Virus NS1 Protein. <i>Molecules</i> , 2017, 22, 607.	3.8	17
115	Pathogenesis, Humoral Immune Responses, and Transmission between Cohoused Animals in a Ferret Model of Human Respiratory Syncytial Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	17
116	Modified Influenza Virosomes: Recent Advances and Potential in Gene Delivery. <i>Current Medicinal Chemistry</i> , 2007, 14, 3152-3156.	2.4	16
117	Retroviral integrations contribute to elevated host cancer rates during germline invasion. <i>Nature Communications</i> , 2021, 12, 1316.	12.8	16
118	Preparation of hepatitis B polypeptide micelles from human carrier plasma. <i>Journal of Virological Methods</i> , 1982, 4, 177-185.	2.1	15
119	A dual-purpose synthetic colloidal platform for protease mapping: substrate profiling for Dengue and West Nile virus proteases. <i>Analytical Biochemistry</i> , 2008, 376, 151-153.	2.4	14
120	Successful post-exposure prophylaxis of Ebola infected non-human primates using Ebola glycoprotein-specific equine IgG. <i>Scientific Reports</i> , 2017, 7, 41537.	3.3	14
121	Inactivation of yellow fever virus in plasma after treatment with methylene blue and visible light and in platelet concentrates following treatment with ultraviolet C light. <i>Transfusion</i> , 2019, 59, 2223-2227.	1.6	14
122	Resistance of Black-lip pearl oyster, <i>Pinctada margaritifera</i> , to infection by Ostreid herpes virus 1 $\frac{1}{4}$ var under experimental challenge may be mediated by humoral antiviral activity. <i>Fish and Shellfish Immunology</i> , 2015, 44, 232-240.	3.6	13
123	Basimarols A, B, and C, Highly Oxygenated Pimarane Diterpenoids from <i>Basilicum polystachyon</i> . <i>Journal of Natural Products</i> , 2019, 82, 2828-2834.	3.0	13
124	Bacterial colonization dynamics associated with respiratory syncytial virus during early childhood. <i>Pediatric Pulmonology</i> , 2020, 55, 1237-1245.	2.0	13
125	Complete genome of <i>Aedes aegypti</i> anphevirus in the Aag2 mosquito cell line. <i>Journal of General Virology</i> , 2018, 99, 832-836.	2.9	13
126	CHARACTERIZATION OF NUGGET VIRUS, A SEROTYPE OF THE KEMEROVO GROUP OF ORBIVIRUSES. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1984, 62, 101-115.	0.7	12

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127	Koala retrovirus genetic diversity and transmission dynamics within captive koala populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
128	Evaluation of plaque size reduction as a method for the detection of pichinde virus antibody. <i>Archives of Virology</i> , 1980, 65, 157-167.	2.1	11
129	Rapid Response Subunit Vaccine Design in the Absence of Structural Information. <i>Frontiers in Immunology</i> , 2020, 11, 592370.	4.8	11
130	Adjuvant Selection for Influenza and RSV Prefusion Subunit Vaccines. <i>Vaccines</i> , 2021, 9, 71.	4.4	11
131	Nucleocapsid Specific Diagnostics for the Detection of Divergent SARS-CoV-2 Variants. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	11
132	Product release is rate-limiting for catalytic processing by the Dengue virus protease. <i>Scientific Reports</i> , 2016, 6, 37539.	3.3	10
133	Combinatorial F-G Immunogens as Nipah and Respiratory Syncytial Virus Vaccine Candidates. <i>Viruses</i> , 2021, 13, 1942.	3.3	10
134	Developing a Stabilizing Formulation of a Live Chimeric Dengue Virus Vaccine Dry Coated on a High-Density Microarray Patch. <i>Vaccines</i> , 2021, 9, 1301.	4.4	10
135	Hepatitis B surface antigen polypeptide micelles from antigen expressed in <i>Saccharomyces cerevisiae</i> . <i>Journal of Virological Methods</i> , 1986, 14, 25-35.	2.1	9
136	Arbovirus Infections. , 2014, , 129-161.e3.		9
137	The Heptad Repeat C Domain of the Respiratory Syncytial Virus Fusion Protein Plays a Key Role in Membrane Fusion. <i>Journal of Virology</i> , 2018, 92, .	3.4	9
138	Flow-cytometry detection of fluorescent magnetic nanoparticle clusters increases sensitivity of dengue immunoassay. <i>Analytica Chimica Acta</i> , 2020, 1107, 85-91.	5.4	9
139	Monodon baculovirus from Australia: ultrastructural observations. <i>Diseases of Aquatic Organisms</i> , 2000, 39, 169-176.	1.0	8
140	Expression of recombinant West Nile virus prM protein fused to an affinity tag for use as a diagnostic antigen. <i>Journal of Virological Methods</i> , 2011, 175, 20-27.	2.1	8
141	Last 20 aa of the West Nile virus NS1 protein are responsible for its retention in cells and the formation of unique heat-stable dimers. <i>Journal of General Virology</i> , 2015, 96, 1042-1054.	2.9	8
142	Evaluation of direct versus multi-layer passivation and capture chemistries for nanoparticle-based biosensor applications. <i>Biosensors and Bioelectronics</i> , 2015, 67, 769-774.	10.1	8
143	The Epidemiology of Koala Retrovirus. <i>Journal of Veterinary Epidemiology</i> , 2011, 15, 1-9.	0.2	7
144	Development of molecular clamp stabilized hemagglutinin vaccines for Influenza A viruses. <i>Npj Vaccines</i> , 2021, 6, 135.	6.0	7

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145	Dermal Delivery of a SARS-CoV-2 Subunit Vaccine Induces Immunogenicity against Variants of Concern. <i>Vaccines</i> , 2022, 10, 578.	4.4	7
146	Sequence of the dengue virus type 2 (strain PR-159) NS1 gene and comparison with its vaccine derivative. <i>Nucleic Acids Research</i> , 1993, 21, 1668-1668.	14.5	6
147	Disease X ver1.0: COVID-19. <i>Microbiology Australia</i> , 2020, 41, 109.	0.4	6
148	Inactivation of <sc>Japanese</sc> encephalitis virus in plasma by methylene blue combined with visible light and in platelet concentrates by ultraviolet <sc>C</sc> light. <i>Transfusion</i> , 2020, 60, 2655-2660.	1.6	6
149	Skin-patch delivered subunit vaccine induces broadly neutralising antibodies against SARS-CoV-2 variants of concern. <i>Vaccine</i> , 2022, 40, 4929-4932.	3.8	6
150	Introduction to Vaccines and Vaccination. , 2017, , 47-62.		5
151	Detection and Quantification of SARS-CoV-2 Receptor Binding Domain Neutralization by a Sensitive Competitive ELISA Assay. <i>Vaccines</i> , 2021, 9, 1493.	4.4	5
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