Suzuki Yasuo

List of Publications by Year
in descending order

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242 papers	12,955 citations	26567 56 h-index	29081 104 g-index
248 all docs	248 docs citations	248 times ranked	9490 citing authors

#	Article	IF	Citations
1	Mutations of 127, 183 and 212 residues on the HA globular head affect the antigenicity, replication and pathogenicity of H9N2 avian influenza virus. Transboundary and Emerging Diseases, 2022, 69, .	1.3	6
2	Genetic and biological properties of H10N3 avian influenza viruses: A potential pandemic candidate?. Transboundary and Emerging Diseases, 2022, 69, .	1.3	11
3	Novel H5N6 reassortants bearing the clade 2.3.4.4b HA gene of H5N8 virus have been detected in poultry and caused multiple human infections in China. Emerging Microbes and Infections, 2022, 11, 1174-1185.	3.0	51
4	Pandemic threat posed by H3N2 avian influenza virus. Science China Life Sciences, 2021, 64, 1984-1987.	2.3	28
5	Genetic and biological properties of H7N9 avian influenza viruses detected after application of the H7N9 poultry vaccine in China. PLoS Pathogens, 2021, 17, e1009561.	2.1	58
6	Host Receptors of Influenza Viruses and Coronavirusesâ€”Molecular Mechanisms of Recognition. Vaccines, 2020, 8, 587.	2.1	13
7	Evolution and extensive reassortment of H5 influenza viruses isolated from wild birds in China over the past decade. Emerging Microbes and Infections, 2020, 9, 1793-1803.	3.0	47
8	H9N2 Influenza Virus Infections in Human Cells Require a Balance between Neuraminidase Sialidase Activity and Hemagglutinin Receptor Affinity. Journal of Virology, 2020, 94, .	1.5	13
9	Sialoglycovirology of Lectins: Sialyl Glycan Binding of Enveloped and Non-enveloped Viruses. Methods in Molecular Biology, 2020, 2132, 483-545.	0.4	11
10	Hemagglutinin Inhibitors are Potential Future Anti-Influenza Drugs for Mono- and Combination Therapies. Methods in Molecular Biology, 2020, 2132, 547-565.	0.4	5
11	Preparation and Detection of Glycan-Binding Activity of Influenza Virus. Methods in Molecular Biology, 2020, 2132, 567-583.	0.4	3
12	Design, Synthesis, and Biological Evaluation of EdAP, a 4â€²-Ethynyl-2â€²-Deoxyadenosine 5â€²-Monophosphate Analog, as a Potent Influenza a Inhibitor. Molecules, 2019, 24, 2603.	1.7	3
13	Effective binding of sugar chains to influenza virus on the surface by bovine serum albumin localization. Japanese Journal of Applied Physics, 2019, 58, SIID03.	0.8	0
14	H3N2 avian influenza viruses detected in live poultry markets in China bind to human-type receptors and transmit in guinea pigs and ferrets. Emerging Microbes and Infections, 2019, 8, 1280-1290.	3.0	32
15	Electrical Biosensing at Physiological Ionic Strength Using Graphene Field-Effect Transistor in Femtoliter Microdroplet. Nano Letters, 2019, 19, 4004-4009.	4.5	63
16	Genetic Compatibility of Reassortants between Avian H5N1 and H9N2 Influenza Viruses with Higher Pathogenicity in Mammals. Journal of Virology, 2019, 93, .	1.5	24
17	Reduction of Fluctuation of the Binding Activity of SGP to Influenza Viruses. Vacuum and Surface Science, 2019, 62, 470-475.	0.0	0
18	Nâ€glycan structures of human alveoli provide insight into influenza A virus infection and pathogenesis. FEBS Journal, 2018, 285, 1611-1634.	2.2	31

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19	Characterization of H5N1 Influenza Virus Quasispecies with Adaptive Hemagglutinin Mutations from Single-Virus Infections of Human Airway Cells. Journal of Virology, 2018, 92, .	1.5	16
20	Synthesis and anti-influenza virus evaluation of triterpene-sialic acid conjugates. Bioorganic and Medicinal Chemistry, 2018, 26, 17-24.	1.4	12
21	A live attenuated vaccine prevents replication and transmission of H7N9 highly pathogenic influenza viruses in mammals. Emerging Microbes and Infections, 2018, 7, 1-10.	3.0	13
22	Diversity of Influenza A(H5N1) Viruses in Infected Humans, Northern Vietnam, 2004â€“2010. Emerging Infectious Diseases, 2018, 24, 1128-1238.	2.0	25
23	Glycan-functionalized graphene-FETs toward selective detection of human-infectious avian influenza virus. Japanese Journal of Applied Physics, 2017, 56, 030302.	0.8	34
24	Identification of a key amino acid in hemagglutinin that increases human-type receptor binding and transmission of an H6N2 avian influenzaÂvirus. Microbes and Infection, 2017, 19, 655-660.	1.0	22
25	A Single-Amino-Acid Substitution at Position 225 in Hemagglutinin Alters the Transmissibility of Eurasian Avian-Like H1N1 Swine Influenza Virus in Guinea Pigs. Journal of Virology, 2017, 91, .	1.5	25
26	H7N9 virulent mutants detected in chickens in China pose an increased threat to humans. Cell Research, 2017, 27, 1409-1421.	5.7	209
27	Inhibition of PA endonuclease activity of influenza virus RNA polymerase by Kampo medicines. Drug Discoveries and Therapeutics, 2016, 10, 109-113.	0.6	14
28	Development of Nano-Carbon Biosensors Using Glycan for Host Range Detection of Influenza Virus. Condensed Matter, 2016, 1, 7.	0.8	6
29	A Novel Potent and Highly Specific Inhibitor against Influenza Viral N1â€“N9 Neuraminidases: Insight into Neuraminidaseâ€“Inhibitor Interactions. Journal of Medicinal Chemistry, 2016, 59, 4563-4577.	2.9	23
30	Characterization of Clade 7.2 H5 Avian Influenza Viruses That Continue To Circulate in Chickens in China. Journal of Virology, 2016, 90, 9797-9805.	1.5	26
31	Trisaccharide containing Î±2,3-linked sialic acid is a receptor for mumps virus. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11579-11584.	3.3	79
32	New influenza A(H7N7) viruses detected in live poultry markets in China. Virology, 2016, 499, 165-169.	1.1	6
33	Identification of Stabilizing Mutations in an H5 Hemagglutinin Influenza Virus Protein. Journal of Virology, 2016, 90, 2981-2992.	1.5	31
34	Genetics, Receptor Binding, Replication, and Mammalian Transmission of H4 Avian Influenza Viruses Isolated from Live Poultry Markets in China. Journal of Virology, 2016, 90, 1455-1469.	1.5	43
35	Novel Polymerase Gene Mutations for Human Adaptation in Clinical Isolates of Avian H5N1 Influenza Viruses. PLoS Pathogens, 2016, 12, e1005583.	2.1	59
36	Genetics, Receptor Binding, and Virulence in Mice of H10N8 Influenza Viruses Isolated from Ducks and Chickens in Live Poultry Markets in China. Journal of Virology, 2015, 89, 6506-6510.	1.5	43

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37	Characterization of H5N1 Influenza Virus Variants with Hemagglutinin Mutations Isolated from Patients. MBio, 2015, 6, .	1.8	41
38	6SLN-lipo PGA specifically catches (coats) human influenza virus and synergizes neuraminidase-targeting drugs for human influenza therapeutic potential. Journal of Antimicrobial Chemotherapy, 2015, 70, 2797-2809.	1.3	21
39	A novel immunochromatographic system for easy-to-use detection of group 1 avian influenza viruses with acquired human-type receptor binding specificity. Biosensors and Bioelectronics, 2015, 65, 211-219.	5.3	24
40	H6 Influenza Viruses Pose a Potential Threat to Human Health. Journal of Virology, 2014, 88, 3953-3964.	1.5	89
41	Genetics, Receptor Binding Property, and Transmissibility in Mammals of Naturally Isolated H9N2 Avian Influenza Viruses. PLoS Pathogens, 2014, 10, e1004508.	2.1	241
42	Antigenic and Receptor Binding Properties of Enterovirus 68. Journal of Virology, 2014, 88, 2374-2384.	1.5	110
43	A Simple Viral Neuraminidase-Based Detection for High-Throughput Screening of Viral Hemagglutininâ€“Host Receptor Specificity. Methods in Molecular Biology, 2014, 1200, 107-120.	0.4	5
44	Molecular Basis of a Pandemic of Avian-Type Influenza Virus. Methods in Molecular Biology, 2014, 1200, 447-480.	0.4	17
45	Influenza neuraminidase operates via a nucleophilic mechanism and can be targeted by covalent inhibitors. Nature Communications, 2013, 4, 1491.	5.8	60
46	Single influenza virus infection reveals the difference between G1 and S/G2/M cell. , 2013, , .		0
47	Functional and Structural Analysis of Influenza Virus Neuraminidase N3 Offers Further Insight into the Mechanisms of Oseltamivir Resistance. Journal of Virology, 2013, 87, 10016-10024.	1.5	26
48	Sensitive and Direct Detection of Receptor Binding Specificity of Highly Pathogenic Avian Influenza A Virus in Clinical Samples. PLoS ONE, 2013, 8, e78125.	1.1	10
49	A Novel Single Virus Infection System Reveals That Influenza Virus Preferentially Infects Cells in G1 Phase. PLoS ONE, 2013, 8, e67011.	1.1	13
50	Adaptation of a Duck Influenza A Virus in Quail. Journal of Virology, 2012, 86, 1411-1420.	1.5	30
51	Glycosylation of Simian Immunodeficiency Virus Influences Immune-Tissue Targeting during Primary Infection, Leading to Immunodeficiency or Viral Control. Journal of Virology, 2012, 86, 9323-9336.	1.5	6
52	Sulfatide negatively regulates the fusion process of human parainfluenza virus type 3. Journal of Biochemistry, 2012, 152, 373-380.	0.9	12
53	Molecular basis of the structure and function of H1 hemagglutinin of influenza virus. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2012, 88, 226-249.	1.6	177
54	The changing nature of avian influenza A virus (H5N1). Trends in Microbiology, 2012, 20, 11-20.	3.5	117

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55	Experimental adaptation of an influenza H5 HA confers respiratory droplet transmission to a reassortant H5 HA/H1N1 virus in ferrets. Nature, 2012, 486, 420-428.	13.7	1,290
56	Antiviral effects of Psidium guajava Linn. (guava) tea on the growth of clinical isolated H1N1 viruses: Its role in viral hemagglutination and neuraminidase inhibition. Antiviral Research, 2012, 94, 139-146.	1.9	64
57	Synthesis and biological evaluation of sialic acid derivatives containing a long hydrophobic chain at the anomeric position and their C-5 linked polymers as potent influenza virus inhibitors. Bioorganic and Medicinal Chemistry, 2012, 20, 446-454.	1.4	10
58	Editorial: â€œGlycovirologyâ€• Open Glycoscience, 2012, 5, 1-1.	0.4	0
59	Unique heparan sulfate from shrimp heads exhibits a strong inhibitory effect on infections by dengue virus and Japanese encephalitis virus. Biochemical and Biophysical Research Communications, 2011, 412, 136-142.	1.0	14
60	N-Glycans from Porcine Trachea and Lung: Predominant NeuAcÎ±2-6Gal Could Be a Selective Pressure for Influenza Variants in Favor of Human-Type Receptor. PLoS ONE, 2011, 6, e16302.	1.1	50
61	Dengue virus type 2 recognizes the carbohydrate moiety of neutral glycosphingolipids in mammalian and mosquito cells. Microbiology and Immunology, 2011, 55, 135-140.	0.7	23
62	Mumefural and related HMF derivatives from Japanese apricot fruit juice concentrate show multiple inhibitory effects on pandemic influenza A (H1N1) virus. Food Chemistry, 2011, 127, 1-9.	4.2	38
63	Evaluation of a Set of C9 N-acyl Neu5Ac2en Mimetics as Viral Sialidase Selective Inhibitors. International Journal of Medicinal Chemistry, 2011, 2011, 1-7.	2.2	4
64	Acquisition of Human-Type Receptor Binding Specificity by New H5N1 Influenza Virus Sublineages during Their Emergence in Birds in Egypt. PLoS Pathogens, 2011, 7, e1002068.	2.1	208
65	Avian and Human Influenza Virus Receptors and Their Distribution. Advances in Experimental Medicine and Biology, 2011, 705, 443-452.	0.8	3
66	Highly Pathogenic Avian Influenza. Journal of Disaster Research, 2011, 6, 398-403.	0.4	0
67	Antiviral activity of chondroitin sulphate E targeting dengue virus envelope protein. Antiviral Research, 2010, 88, 236-243.	1.9	103
68	Antiplasmodial effects of Brucea javanica (L.) Merr. and Eurycoma longifolia Jack extracts and their combination with chloroquine and quinine on Plasmodium falciparum in culture. Tropical Medicine and Health, 2010, 38, 61-68.	1.0	10
69	Protection of Macaques with Diverse MHC Genotypes against a Heterologous SIV by Vaccination with a Deglycosylated Live-Attenuated SIV. PLoS ONE, 2010, 5, e11678.	1.1	24
70	The Low-pH Stability Discovered in Neuraminidase of 1918 Pandemic Influenza A Virus Enhances Virus Replication. PLoS ONE, 2010, 5, e15556.	1.1	24
71	Emergence of H5N1 avian influenza viruses with reduced sensitivity to neuraminidase inhibitors and novel reassortants in Lao People's Democratic Republic. Journal of General Virology, 2010, 91, 949-959.	1.3	102
72	Alterations in receptor-binding properties of swine influenza viruses of the H1 subtype after isolation in embryonated chicken eggs. Journal of General Virology, 2010, 91, 938-948.	1.3	43

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73	Influenza A (H5N1) Viruses from Pigs, Indonesia. Emerging Infectious Diseases, 2010, 16, 1515-1523.	2.0	113
74	Investigation of 2-Fluoro Benzoic Acid Derivatives as Influenza A Viral Sialidase Selective Inhibitors. Anti-Infective Agents in Medicinal Chemistry, 2010, 9, 198-204.	0.6	2
75	Identification of amino acid residues of influenza A virus H3 HA contributing to the recognition of molecular species of sialic acid. FEBS Letters, 2009, 583, 3171-3174.	1.3	26
76	Systematic syntheses of influenza neuraminidase inhibitors: A series of carbosilane dendrimers uniformly functionalized with thioglycoside-type sialic acid moieties. Bioorganic and Medicinal Chemistry, 2009, 17, 5451-5464.	1.4	45
77	Analysis of N-glycans in embryonated chicken egg chorioallantoic and amniotic cells responsible for binding and adaptation of human and avian influenza viruses. Glycoconjugate Journal, 2009, 26, 433-443.	1.4	44
78	Syntheses and biological evaluations of carbosilane dendrimers uniformly functionalized with sialyl Î±(2â†'3) lactose moieties as inhibitors for human influenza viruses. Bioorganic and Medicinal Chemistry, 2009, 17, 5465-5475.	1.4	46
79	Synthesis of sialic acid derivatives having a CC double bond substituted at the C-5 position and their glycopolymers. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5105-5108.	1.0	10
80	Mechanisms of the action of povidone-iodine against human and avian influenza A viruses: its effects on hemagglutination and sialidase activities. Virology Journal, 2009, 6, 124.	1.4	81
81	The highly pathogenic avian influenza H5N1 - initial molecular signals for the next influenza pandemic. Chang Gung Medical Journal, 2009, 32, 258-63.	0.7	5
82	Ab initio fragment molecular orbital studies of influenza virus hemagglutininâ€"sialosaccharide complexes toward chemical clarification about the virus host range determination. Glycoconjugate Journal, 2008, 25, 805-815.	1.4	24
83	The expression of sialylated high-antennary N-glycans in edible birdâ€™s nest. Carbohydrate Research, 2008, 343, 1373-1377.	1.1	47
84	Sialyl Î±(2 â†' 3) lactose clusters using carbosilane dendrimer core scaffolds as influenza hemagglutinin blockers. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4405-4408.	1.0	30
85	A simple screening assay for receptor switching of avian influenza viruses. Journal of Clinical Virology, 2008, 42, 186-189.	1.6	29
86	Chemoenzymatic synthesis, characterization, and application of glycopolymers carrying lactosamine repeats as entry inhibitors against influenza virus infection. Glycobiology, 2008, 18, 779-788.	1.3	56
87	Limited Inhibitory Effects of Oseltamivir and Zanamivir on Human Sialidases. Antimicrobial Agents and Chemotherapy, 2008, 52, 3484-3491.	1.4	154
88	Sulfatide Is Required for Efficient Replication of Influenza A Virus. Journal of Virology, 2008, 82, 5940-5950.	1.5	57
89	Impact of glycosylation on antigenicity of simian immunodeficiency virus SIV239: induction of rapid V1/V2-specific non-neutralizing antibody and delayed neutralizing antibody following infection with an attenuated deglycosylated mutant. Journal of General Virology, 2008, 89, 554-566.	1.3	8
90	Clarithromycin Inhibits Progeny Virus Production from Human Influenza Virus-Infected Host Cells. Biological and Pharmaceutical Bulletin, 2008, 31, 217-222.	0.6	38

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91	In Vitro Inhibition of Human Influenza A Virus Infection by Fruit-Juice Concentrate of Japanese Plum (Prunus mume SIEB. et ZUCC). Biological and Pharmaceutical Bulletin, 2008, 31, 511-515.	0.6	50
92	An Avian Influenza H5N1 Virus That Binds to a Human-Type Receptor. Journal of Virology, 2007, 81, 9950-9955.	1.5	188
93	The quail and chicken intestine have sialyl-galactose sugar chains responsible for the binding of influenza A viruses to human type receptors. Glycobiology, 2007, 17, 713-724.	1.3	88
94	The New Role of Disodium Cromoglycate in the Treatment of Adults with Bronchial Asthma. Allergology International, 2007, 56, 231-239.	1.4	11
95	Influenza viral hemagglutinin complicated shape is advantageous to its binding affinity for sialosaccharide receptor. Biochemical and Biophysical Research Communications, 2007, 355, 6-9.	1.0	29
96	Synthesis of 4-O-[3-(aryl)prop-2-ynyl]-Neu5Ac2en and its 4-epi-analogs modified at C-4 by Sonogashira coupling reaction. Tetrahedron, 2007, 63, 7571-7581.	1.0	12
97	Chemoenzymatic synthesis of artificial glycopolypeptides containing multivalent sialyloligosaccharides with a Î³-polyglutamic acid backbone and their effect on inhibition of infection by influenza viruses. Bioorganic and Medicinal Chemistry, 2007, 15, 1383-1393.	1.4	69
98	Lactotriaose-containing carbosilane dendrimers: Syntheses and lectin-binding activities. Bioorganic and Medicinal Chemistry, 2007, 15, 1606-1614.	1.4	28
99	Novel linear polymers bearing thiosialosides as pendant-type epitopes for influenza neuraminidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3826-3830.	1.0	24
100	Synthesis and evaluation of 4-O-alkylated 2-deoxy-2,3-didehydro-N-acetylneuraminic acid derivatives as inhibitors of human parainfluenza virus type-3 sialidase activity. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1655-1658.	1.0	22
101	Binding kinetics of influenza viruses to sialic acid-containing carbohydrates. Glycoconjugate Journal, 2007, 24, 583-590.	1.4	85
102	Thiosialoside clusters using carbosilane dendrimer core scaffolds as a new class of influenza neuraminidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 717-721.	1.0	40
103	Suppression of the Biosynthesis of Cellular Sphingolipids Results in the Inhibition of the Maturation of Influenza Virus Particles in MDCK Cells. Biological and Pharmaceutical Bulletin, 2006, 29, 1575-1579.	0.6	16
104	Virus Infection and Lipid Rafts. Biological and Pharmaceutical Bulletin, 2006, 29, 1538-1541.	0.6	77
105	Haemagglutinin mutations responsible for the binding of H5N1 influenza A viruses to human-type receptors. Nature, 2006, 444, 378-382.	13.7	594
106	2-Deoxy-2,3-didehydro-N-acetylneuraminic acid analogues structurally modified at the C-4 position: Synthesis and biological evaluation as inhibitors of human parainfluenza virus type 1. Bioorganic and Medicinal Chemistry, 2006, 14, 7893-7897.	1.4	14
107	Chemoenzymatic synthesis and application of a sialoglycopolymer with a chitosan backbone as a potent inhibitor of human influenza virus hemagglutination. Carbohydrate Research, 2006, 341, 1803-1808.	1.1	50
108	Human trachea primary epithelial cells express both sialyl(Î±2-3)Gal receptor for human parainfluenza virus type 1 and avian influenza viruses, and sialyl(Î±2-6)Gal receptor for human influenza viruses. Glycoconjugate Journal, 2006, 23, 101-106.	1.4	58

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109	Edible bird's nest extract inhibits influenza virus infection. Antiviral Research, 2006, 70, 140-146.	1.9	130
110	Comprehensive analysis of monoclonal antibodies against detergent-insoluble membrane/lipid rafts of HL60 cells. Journal of Immunological Methods, 2006, 311, 106-116.	0.6	30
111	Glycobiological study of adult Opisthorchis viverrini: Characterization of N-linked oligosaccharides. Molecular and Biochemical Parasitology, 2006, 147, 230-233.	0.5	4
112	Sulfatide and Its Synthetic Analogues Recognition by Moraxella catarrhalis. Microbiology and Immunology, 2006, 50, 967-970.	0.7	5
113	Identification and Characterization of Carbohydrate Molecules in Mammalian Cells Recognized by Dengue Virus Type 2. Journal of Biochemistry, 2006, 139, 607-614.	0.9	68
114	Highly Pathogenic Avian Influenza Viruses and Their Sialo-Sugar Receptors. Trends in Glycoscience and Glycotechnology, 2006, 18, 153-155.	0.0	1
115	Sialobiology of Influenza: Molecular Mechanism of Host Range Variation of Influenza Viruses. Biological and Pharmaceutical Bulletin, 2005, 28, 399-408.	0.6	378
116	Isolation of drug-resistant H5N1 virus. Nature, 2005, 437, 1108-1108.	13.7	633
117	Purification and characterization of a soluble recombinant human ST6Gal I functionally expressed in Escherichia coli. Glycoconjugate Journal, 2005, 22, 1-11.	1.4	33
118	Enhanced Expression of an Î±2,6-Linked Sialic Acid on MDCK Cells Improves Isolation of Human Influenza Viruses and Evaluation of Their Sensitivity to a Neuraminidase Inhibitor. Journal of Clinical Microbiology, 2005, 43, 4139-4146.	1.8	149
119	Influence of Glycosylation on the Efficacy of an Env-Based Vaccine against Simian Immunodeficiency Virus SIVmac239 in a Macaque AIDS Model. Journal of Virology, 2005, 79, 10386-10396.	1.5	40
120	Sialidase Activity of Influenza A Virus in an Endocytic Pathway Enhances Viral Replication. Journal of Virology, 2005, 79, 11705-11715.	1.5	89
121	Characterization of a Human H5N1 Influenza A Virus Isolated in 2003. Journal of Virology, 2005, 79, 9926-9932.	1.5	90
122	The Synthetic Peptide Derived from the NH2-terminal Extracellular Region of an Orphan G Protein-coupled Receptor, GPR1, Preferentially Inhibits Infection of X4 HIV-1. Journal of Biological Chemistry, 2005, 280, 30924-30934.	1.6	11
123	Design and synthesis of artificial phospholipid for selective cleavage of integral membrane protein. Chemical Communications, 2005, , 4575.	2.2	22
124	Epigallocatechin-3-O-gallate Inhibits Fibroblast Contraction of Floating Collagen Gel: Interaction between Epigallocatechin-3-O-gallate and Platelet Derived Growth Factor. Bioscience, Biotechnology and Biochemistry, 2004, 68, 1817-1820.	0.6	15
125	Cerebroside Sulfotransferase Deficiency Ameliorates L-selectin-dependent Monocyte Infiltration in the Kidney after Ureteral Obstruction. Journal of Biological Chemistry, 2004, 279, 2085-2090.	1.6	41
126	Enhanced virulence of influenza A viruses with the haemagglutinin of the 1918 pandemic virus. Nature, 2004, 431, 703-707.	13.7	434

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127	Antigenic alteration of influenza B virus associated with loss of a glycosylation site due to host-cell adaptation. Journal of Medical Virology, 2004, 74, 336-343.	2.5	57
128	Functional analysis of mouse 3-phosphoglycerate dehydrogenase (Phgdh) gene promoter in developing brain. Journal of Neuroscience Research, 2004, 76, 623-632.	1.3	13
129	Design of N-acetyl-6-sulfo-Î²-d-glucosaminide-based inhibitors of influenza virus sialidase. Bioorganic and Medicinal Chemistry, 2004, 12, 1367-1375.	1.4	21
130	2Î²,3Î²-Difluorosialic acid derivatives structurally modified at the C-4 position: synthesis and biological evaluation as inhibitors of human parainfluenza virus type 1. Carbohydrate Research, 2004, 339, 1367-1372.	1.1	11
131	Mouse 3-phosphoglycerate dehydrogenase gene: genomic organization, chromosomal localization, and promoter analysis. Gene, 2004, 334, 15-22.	1.0	15
132	Entry of influenza A virus into host cells is mediated by p38 MAPK-dependent stress response. International Congress Series, 2004, 1263, 466-467.	0.2	0
133	Inhibition of influenza A virus sialidase activity by sulfatide. International Congress Series, 2004, 1263, 43-47.	0.2	1
134	A molecular mechanism for the low pH stability of sialidase activity of influenza A virus N2 neuraminidases. International Congress Series, 2004, 1263, 781-786.	0.2	1
135	Anti-influenza virus activity of disodium cromoglycate. International Congress Series, 2004, 1263, 511-514.	0.2	1
136	Evolutional analysis of human influenza A virus N2 neuraminidase genes based on the transition of the low-pH stability of sialidase activity1. FEBS Letters, 2004, 557, 228-232.	1.3	18
137	In Vitro and in Vivo Inhibitory Effects of Disodium Cromoglycate on Influenza Virus Infection. Biological and Pharmaceutical Bulletin, 2004, 27, 825-830.	0.6	15
138	Glycotentacles: Synthesis of Cyclic Glycopeptides, Toward a Tailored Blocker of Influenza Virus Hemagglutinin. Angewandte Chemie - International Edition, 2003, 42, 5186-5189.	7.2	87
139	A molecular mechanism for the low-pH stability of sialidase activity of influenza A virus N2 neuraminidases1. FEBS Letters, 2003, 543, 71-75.	1.3	29
140	Inhibition of influenza A virus sialidase activity by sulfatide. FEBS Letters, 2003, 553, 355-359.	1.3	19
141	Ruthenium complexes carrying a disialo complex-type oligosaccharide: enzymatic synthesis and its application to a luminescent probe to detect influenza viruses. Chemical Communications, 2003, , 1250-1251.	2.2	18
142	Restricted Expression of Shiga Toxin Binding Sites on Mucosal Epithelium of Mouse Distal Colon. Infection and Immunity, 2003, 71, 985-990.	1.0	15
143	Chemoenzymatic synthesis and application of glycopolymers containing multivalent sialyloligosaccharides with a poly(L-glutamic acid) backbone for inhibition of infection by influenza viruses. Glycobiology, 2003, 13, 315-326.	1.3	112
144	Identification of Glycosphingolipid Receptors for Pierisin-1, a Guanine-specific ADP-ribosylating Toxin from the Cabbage Butterfly. Journal of Biological Chemistry, 2003, 278, 9972-9978.	1.6	45

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145	Oligosaccharides as Receptors for JC Virus. Journal of Virology, 2002, 76, 12992-13000.	1.5	99
146	An O-glycoside of sialic acid derivative that inhibits both hemagglutinin and sialidase activities of influenza viruses. Glycobiology, 2002, 12, 183-190.	1.3	64
147	Asialo-GM1 and asialo-GM2 are putative adhesion molecules for Moraxella catarrhalis. Medical Microbiology and Immunology, 2002, 191, 5-10.	2.6	12
148	Therapeutic effect of sulphated hyaluronic acid, a potential selectin-blocking agent, on experimental progressive mesangial proliferative glomerulonephritis. Journal of Pathology, 2002, 198, 407-414.	2.1	13
149	Apoptosis Induction by Epigallocatechin Gallate Involves Its Binding to Fas. Biochemical and Biophysical Research Communications, 2001, 285, 1102-1106.	1.0	117
150	Characterization of a human H9N2 influenza virus isolated in Hong Kong. Vaccine, 2001, 20, 125-133.	1.7	138
151	Sialyl sugar chains as receptors and determinants of host range of influenza A viruses. International Congress Series, 2001, 1219, 521-525.	0.2	4
152	Inhibitory effect of epigallocatechin gallate on adhesion of murine melanoma cells to laminin. Cancer Letters, 2001, 173, 15-20.	3.2	61
153	Synthesis of 2-deoxy-2,3-didehydro-N-acetylneuraminic acid analogues modified at the C-4 and C-9 positions and their behaviour towards sialidase from influenza virus and pig liver membrane. Carbohydrate Research, 2001, 330, 31-41.	1.1	31
154	Inhibition of human parainfluenza virus type 1 sialidase by analogs of 2-deoxy-2,3-didehydro-N-acetylneuraminic acid. Glycoconjugate Journal, 2001, 18, 331-337.	1.4	31
155	Receptor Specificities of Human Respiroviruses. Journal of Virology, 2001, 75, 4604-4613.	1.5	114
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