

Takeshi Noda

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

7,925
citations

94269

37
h-index

54797

84
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94
all docs

94
docs citations

94
times ranked

8160
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetylation of the influenza A virus polymerase subunit PA in the N-terminal domain positively regulates its endonuclease activity. <i>FEBS Journal</i> , 2022, 289, 231-245.	2.2	9
2	Migration of Influenza Virus Nucleoprotein into the Nucleolus Is Essential for Ribonucleoprotein Complex Formation. <i>MBio</i> , 2022, 13, .	1.8	4
3	Contribution of RNA-RNA Interactions Mediated by the Genome Packaging Signals for the Selective Genome Packaging of Influenza A Virus. <i>Journal of Virology</i> , 2022, 96, JVI0164121.	1.5	8
4	Structural insight into Marburg virus nucleoprotein-RNA complex formation. <i>Nature Communications</i> , 2022, 13, 1191.	5.8	11
5	Cyclin CDK complexes limit innate immune responses by reducing proinflammatory changes in macrophage metabolism. <i>Science Signaling</i> , 2022, 15, eabm5011.	1.6	4
6	Structure of the bile acid transporter and HBV receptor NTCP. <i>Nature</i> , 2022, 606, 1021-1026.	13.7	45
7	Cell response analysis in SARS-CoV-2 infected bronchial organoids. <i>Communications Biology</i> , 2022, 5, .	2.0	39
8	Selective Genome Packaging Mechanisms of Influenza A Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a038497.	2.9	12
9	Optimal Expression of the Envelope Glycoprotein of Orthobornaviruses Determines the Production of Mature Virus Particles. <i>Journal of Virology</i> , 2021, 95, .	1.5	4
10	Cryo-EM Structure of the Prostaglandin E Receptor EP4 Coupled to G Protein. <i>Structure</i> , 2021, 29, 252-260.e6.	1.6	32
11	Protective Face Mask Filter Capable of Inactivating SARS-CoV-2, and Methicillin-Resistant <i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> . <i>Polymers</i> , 2021, 13, 207.	2.0	56
12	Amplification-free RNA detection with CRISPR-Cas13. <i>Communications Biology</i> , 2021, 4, 476.	2.0	119
13	Modeling SARS-CoV-2 infection and its individual differences with ACE2-expressing human iPS cells. <i>IScience</i> , 2021, 24, 102428.	1.9	9
14	Ultrastructure of influenza virus ribonucleoprotein complexes during viral RNA synthesis. <i>Communications Biology</i> , 2021, 4, 858.	2.0	13
15	Resistance of SARS-CoV-2 variants to neutralization by antibodies induced in convalescent patients with COVID-19. <i>Cell Reports</i> , 2021, 36, 109385.	2.9	23
16	CP100356 Hydrochloride, a P-Glycoprotein Inhibitor, Inhibits Lassa Virus Entry: Implication of a Candidate Pan-Mammarenavirus Entry Inhibitor. <i>Viruses</i> , 2021, 13, 1763.	1.5	2
17	Antimicrobial Face Shield: Next Generation of Facial Protective Equipment against SARS-CoV-2 and Multidrug-Resistant Bacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9518.	1.8	16
18	Antiviral Face Mask Functionalized with Solidified Hand Soap: Low-Cost Infection Prevention Clothing against Enveloped Viruses Such as SARS-CoV-2. <i>ACS Omega</i> , 2021, 6, 23495-23503.	1.6	36

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19	A novel aqueous extract from rice fermented with <i>Aspergillus oryzae</i> and <i>Saccharomyces cerevisiae</i> possesses an anti-influenza A virus activity. <i>PLoS ONE</i> , 2021, 16, e0244885.	1.1	4
20	Non-Woven Infection Prevention Fabrics Coated with Biobased Cranberry Extracts Inactivate Enveloped Viruses Such as SARS-CoV-2 and Multidrug-Resistant Bacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12719.	1.8	19
21	<i>In vitro</i> vRNA-vRNA interactions in the H1N1 influenza A virus genome. <i>Microbiology and Immunology</i> , 2020, 64, 202-209.	0.7	8
22	Influenza A virus NS1 optimises virus infectivity by enhancing genome packaging in a dsRNA-binding dependent manner. <i>Virology Journal</i> , 2020, 17, 107.	1.4	4
23	Extracellular nanovesicles for packaging of CRISPR-Cas9 protein and sgRNA to induce therapeutic exon skipping. <i>Nature Communications</i> , 2020, 11, 1334.	5.8	197
24	Serine-Arginine Protein Kinase 1 Regulates Ebola Virus Transcription. <i>MBio</i> , 2020, 11, .	1.8	25
25	The Integrity of the YxxL Motif of Ebola Virus VP24 Is Important for the Transport of Nucleocapsid-Like Structures and for the Regulation of Viral RNA Synthesis. <i>Journal of Virology</i> , 2020, 94, .	1.5	11
26	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. <i>Nature Microbiology</i> , 2019, 4, 1532-1544.	5.9	61
27	Generation of a purely clonal defective interfering influenza virus. <i>Microbiology and Immunology</i> , 2019, 63, 164-171.	0.7	8
28	Local structural changes of the influenza A virus ribonucleoprotein complex by single mutations in the specific residues involved in efficient genome packaging. <i>Virology</i> , 2019, 531, 126-140.	1.1	9
29	Microtubule-dependent transport of arenavirus matrix protein demonstrated using live-cell imaging microscopy. <i>Microscopy (Oxford, England)</i> , 2019, 68, 450-456.	0.7	4
30	A live-cell imaging system for visualizing the transport of Marburg virus nucleocapsid-like structures. <i>Virology Journal</i> , 2019, 16, 159.	1.4	3
31	G Protein Pathway Suppressor 1 Promotes Influenza Virus Polymerase Activity by Activating the NF- κ B Signaling Pathway. <i>MBio</i> , 2019, 10, .	1.8	11
32	Lung-Derived Exosomal miR-483-3p Regulates the Innate Immune Response to Influenza Virus Infection. <i>Journal of Infectious Diseases</i> , 2018, 217, 1372-1382.	1.9	60
33	Influenza C and D Viruses Package Eight Organized Ribonucleoprotein Complexes. <i>Journal of Virology</i> , 2018, 92, .	1.5	39
34	Importance of the 1+7 configuration of ribonucleoprotein complexes for influenza A virus genome packaging. <i>Nature Communications</i> , 2018, 9, 54.	5.8	50
35	Influenza A virus nucleoprotein is acetylated by histone acetyltransferases PCAF and GCN5. <i>Journal of Biological Chemistry</i> , 2018, 293, 7126-7138.	1.6	41
36	Syrian Hamster as an Animal Model for the Study of Human Influenza Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	1.5	63

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37	Cryo-EM structure of the Ebola virus nucleoproteinâ€“RNA complex at 3.6Å... resolution. <i>Nature</i> , 2018, 563, 137-140.	13.7	94
38	A Defect in Influenza A Virus Particle Assembly Specific to Primary Human Macrophages. <i>MBio</i> , 2018, 9, .	1.8	8
39	Epsteinâ€“Barr Virus Acquires Its Final Envelope on Intracellular Compartments With Golgi Markers. <i>Frontiers in Microbiology</i> , 2018, 9, 454.	1.5	23
40	Electron Microscopy of Ebola Virus-Infected Cells. <i>Methods in Molecular Biology</i> , 2017, 1628, 243-250.	0.4	5
41	Establishment of a human hepatocellular cell line capable of maintaining long-term replication of hepatitis B virus. <i>International Immunology</i> , 2017, 29, 109-120.	1.8	5
42	Broad-spectrum antiviral agents: secreted phospholipase A2 targets viral envelope lipid bilayers derived from the endoplasmic reticulum membrane. <i>Scientific Reports</i> , 2017, 7, 15931.	1.6	38
43	Structure and assembly of the Ebola virus nucleocapsid. <i>Nature</i> , 2017, 551, 394-397.	13.7	185
44	N-terminally truncated POM121C inhibits HIV-1 replication. <i>PLoS ONE</i> , 2017, 12, e0182434.	1.1	14
45	Phosphorylation of the HIV-1 capsid by MELK triggers uncoating to promote viral cDNA synthesis. <i>PLoS Pathogens</i> , 2017, 13, e1006441.	2.1	27
46	Complete and Incomplete Genome Packaging of Influenza A and B Viruses. <i>MBio</i> , 2016, 7, .	1.8	57
47	Modelling Ebola virus dynamics: Implications for therapy. <i>Antiviral Research</i> , 2016, 135, 62-73.	1.9	26
48	Crystal Structure of Marburg Virus VP40 Reveals a Broad, Basic Patch for Matrix Assembly and a Requirement of the N-Terminal Domain for Immunosuppression. <i>Journal of Virology</i> , 2016, 90, 1839-1848.	1.5	33
49	Actin-Modulating Protein Cofilin Is Involved in the Formation of Measles Virus Ribonucleoprotein Complex at the Perinuclear Region. <i>Journal of Virology</i> , 2015, 89, 10524-10531.	1.5	15
50	Influenza Virus-Host Interactome Screen as a Platform for Antiviral Drug Development. <i>Cell Host and Microbe</i> , 2014, 16, 795-805.	5.1	239
51	A Novel Functional Site in the PB2 Subunit of Influenza A Virus Essential for Acetyl-CoA Interaction, RNA Polymerase Activity, and Viral Replication. <i>Journal of Biological Chemistry</i> , 2014, 289, 24980-24994.	1.6	19
52	Disease Severity Is Associated with Differential Gene Expression at the Early and Late Phases of Infection in Nonhuman Primates Infected with Different H5N1 Highly Pathogenic Avian Influenza Viruses. <i>Journal of Virology</i> , 2014, 88, 8981-8997.	1.5	45
53	Characterization of H7N9 influenza A viruses isolated from humans. <i>Nature</i> , 2013, 501, 551-555.	13.7	371
54	Configuration of Viral Ribonucleoprotein Complexes within the Influenza A Virion. <i>Journal of Virology</i> , 2013, 87, 12879-12884.	1.5	44

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55	The Genome-Packaging Signal of the Influenza A Virus Genome Comprises a Genome Incorporation Signal and a Genome-Bundling Signal. <i>Journal of Virology</i> , 2013, 87, 11316-11322.	1.5	84
56	The microtubule motor protein KIF13A is involved in intracellular trafficking of the Lassa virus matrix protein Z. <i>Cellular Microbiology</i> , 2013, 15, 315-334.	1.1	12
57	Three-dimensional analysis of ribonucleoprotein complexes in influenza A virus. <i>Nature Communications</i> , 2012, 3, 639.	5.8	145
58	Packaging of influenza virus genome: Robustness of selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8797-8798.	3.3	29
59	Structural dissection of Ebola virus and its assembly determinants using cryo-electron tomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4275-4280.	3.3	210
60	Strand-specific real-time RT-PCR for distinguishing influenza vRNA, cRNA, and mRNA. <i>Journal of Virological Methods</i> , 2011, 173, 1-6.	1.0	234
61	Ultracentrifugation deforms unfixed influenza A virions. <i>Journal of General Virology</i> , 2011, 92, 2485-2493.	1.3	30
62	The Importance of the NP: VP35 Ratio in Ebola Virus Nucleocapsid Formation. <i>Journal of Infectious Diseases</i> , 2011, 204, S878-S883.	1.9	43
63	Native Morphology of Influenza Virions. <i>Frontiers in Microbiology</i> , 2011, 2, 269.	1.5	66
64	Characterization of the Ebola virus nucleoprotein-RNA complex. <i>Journal of General Virology</i> , 2010, 91, 1478-1483.	1.3	84
65	Emergence and pandemic potential of swine-origin H1N1 influenza virus. <i>Nature</i> , 2009, 459, 931-939.	13.7	1,327
66	In vitro and in vivo characterization of new swine-origin H1N1 influenza viruses. <i>Nature</i> , 2009, 460, 1021-1025.	13.7	1,002
67	Generation of biologically contained Ebola viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1129-1133.	3.3	113
68	Mapping of the VP40-Binding Regions of the Nucleoprotein of Ebola Virus. <i>Journal of Virology</i> , 2007, 81, 3554-3562.	1.5	72
69	Regions in Ebola Virus VP24 That Are Important for Nucleocapsid Formation. <i>Journal of Infectious Diseases</i> , 2007, 196, S247-S250.	1.9	56
70	Ebola Virus (EBOV) VP24 Inhibits Transcription and Replication of the EBOV Genome. <i>Journal of Infectious Diseases</i> , 2007, 196, S284-S290.	1.9	104
71	Functional Mapping of the Nucleoprotein of Ebola Virus. <i>Journal of Virology</i> , 2006, 80, 3743-3751.	1.5	148
72	Architecture of ribonucleoprotein complexes in influenza A virus particles. <i>Nature</i> , 2006, 439, 490-492.	13.7	352

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73	Assembly and Budding of Ebolavirus. PLoS Pathogens, 2006, 2, e99.	2.1	158
74	Cellular Factors Required for Lassa Virus Budding. Journal of Virology, 2006, 80, 4191-4195.	1.5	143
75	Hierarchy among Viral RNA (vRNA) Segments in Their Role in vRNA Incorporation into Influenza A Virions. Journal of Virology, 2006, 80, 2318-2325.	1.5	165
76	The Cytoplasmic Tail of the Influenza A Virus M2 Protein Plays a Role in Viral Assembly. Journal of Virology, 2006, 80, 5233-5240.	1.5	144
77	Interaction between Filovirus Proteins and Host Cell Membrane. Membrane, 2005, 30, 68-72.	0.0	0
78	Nucleocapsid-like Structures of Ebola Virus Reconstructed Using Electron Tomography. Journal of Veterinary Medical Science, 2005, 67, 325-328.	0.3	38
79	Importance of both the Coding and the Segment-Specific Noncoding Regions of the Influenza A Virus NS Segment for Its Efficient Incorporation into Virions. Journal of Virology, 2005, 79, 3766-3774.	1.5	165
80	Ebola Virus VP40 Late Domains Are Not Essential for Viral Replication in Cell Culture. Journal of Virology, 2005, 79, 10300-10307.	1.5	80
81	Production of Novel Ebola Virus-Like Particles from cDNAs: an Alternative to Ebola Virus Generation by Reverse Genetics. Journal of Virology, 2004, 78, 999-1005.	1.5	117
82	Exploitation of Nucleic Acid Packaging Signals To Generate a Novel Influenza Virus-Based Vector Stably Expressing Two Foreign Genes. Journal of Virology, 2003, 77, 10575-10583.	1.5	160
83	Ebola Virus VP40 Drives the Formation of Virus-Like Filamentous Particles Along with GP. Journal of Virology, 2002, 76, 4855-4865.	1.5	322