

CITATION REPORT

List of articles citing

Visualizing real-time influenza virus infection,
transmission and protection in ferrets

DOI: 10.1038/ncomms7378

Nature Communications, 2015, 6, 6378.

Source: <https://exaly.com/paper-pdf/62390666/citation-report.pdf>

Version: 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
95	Multi-Modal Imaging with a Toolbox of Influenza A Reporter Viruses. <i>Viruses</i> , 2015 , 7, 5319-27	6.2	28
94	Replication-Competent Influenza B Reporter Viruses as Tools for Screening Antivirals and Antibodies. <i>Journal of Virology</i> , 2015 , 89, 12226-31	6.6	14
93	Investigating influenza A virus infection: tools to track infection and limit tropism. <i>Journal of Virology</i> , 2015 , 89, 6167-70	6.6	23
92	Replication-Competent Influenza A Viruses Expressing Reporter Genes. <i>Viruses</i> , 2016 , 8,	6.2	40
91	Fluorescent and Bioluminescent Reporter Myxoviruses. <i>Viruses</i> , 2016 , 8,	6.2	4
90	A High Throughput Assay for Screening Host Restriction Factors and Antivirals Targeting Influenza A Virus. <i>Frontiers in Microbiology</i> , 2016 , 7, 858	5.7	1
89	Fast and high resolution single-cell BRET imaging. <i>Scientific Reports</i> , 2016 , 6, 28231	4.9	33
88	Novel bioluminescent binding assays for interaction studies of protein/peptide hormones with their receptors. <i>Amino Acids</i> , 2016 , 48, 1151-60	3.5	6
87	NanoLuc: A Small Luciferase Is Brightening Up the Field of Bioluminescence. <i>Bioconjugate Chemistry</i> , 2016 , 27, 1175-1187	6.3	202
86	What can imaging tell us about influenza virus transmission and protection?. <i>Future Virology</i> , 2016 , 11, 583-590	2.4	
85	Obesity Outweighs Protection Conferred by Adjuvanted Influenza Vaccination. <i>MBio</i> , 2016 , 7,	7.8	51
84	1001 lights: luciferins, luciferases, their mechanisms of action and applications in chemical analysis, biology and medicine. <i>Chemical Society Reviews</i> , 2016 , 45, 6048-6077	58.5	172
83	Complexities in Ferret Influenza Virus Pathogenesis and Transmission Models. <i>Microbiology and Molecular Biology Reviews</i> , 2016 , 80, 733-44	13.2	51
82	An ultrasensitive NanoLuc-based luminescence system for monitoring Plasmodium berghei throughout its life cycle. <i>Malaria Journal</i> , 2016 , 15, 232	3.6	26
81	Type I Interferon Response Limits Astrovirus Replication and Protects against Increased Barrier Permeability In Vitro and In Vivo. <i>Journal of Virology</i> , 2016 , 90, 1988-96	6.6	35
80	Selective Bottlenecks Shape Evolutionary Pathways Taken during Mammalian Adaptation of a 1918-like Avian Influenza Virus. <i>Cell Host and Microbe</i> , 2016 , 19, 169-80	23.4	49
79	Highly Potent Cell-Permeable and Impermeable NanoLuc Luciferase Inhibitors. <i>ACS Chemical Biology</i> , 2017 , 12, 1028-1037	4.9	18

78	Sensitive luminescent reporter viruses reveal appreciable release of hepatitis C virus NS5A protein into the extracellular environment. <i>Virology</i> , 2017 , 507, 20-31	3.6	12
77	In Vivo Molecular Bioluminescence Imaging: New Tools and Applications. <i>Trends in Biotechnology</i> , 2017 , 35, 640-652	15.1	149
76	B Cell Activity Is Impaired in Human and Mouse Obesity and Is Responsive to an Essential Fatty Acid upon Murine Influenza Infection. <i>Journal of Immunology</i> , 2017 , 198, 4738-4752	5.3	78
75	Fluorescent-Based Strategies to Investigate G Protein-Coupled Receptors: Evolution of the Techniques to a Better Understanding. <i>Topics in Medicinal Chemistry</i> , 2017 , 217-252	0.4	1
74	Increased risk of influenza among vaccinated adults who are obese. <i>International Journal of Obesity</i> , 2017 , 41, 1324-1330	5.5	131
73	A replication-competent foot-and-mouth disease virus expressing a luciferase reporter. <i>Journal of Virological Methods</i> , 2017 , 247, 38-44	2.6	4
72	Comparison of traditional intranasal and aerosol inhalation inoculation of guinea pigs with visualizing influenza virus. <i>Journal of Aerosol Science</i> , 2017 , 110, 43-52	4.3	3
71	Imaging of Influenza Virus Infection in Immunized Mice. <i>MBio</i> , 2017 , 8,	7.8	22
70	Imaging with Bioluminescent Enterovirus 71 Allows for Real-Time Visualization of Tissue Tropism and Viral Spread. <i>Journal of Virology</i> , 2017 , 91,	6.6	14
69	Pandemic 2009 H1N1 Influenza Venus reporter virus reveals broad diversity of MHC class II-positive antigen-bearing cells following infection in vivo. <i>Scientific Reports</i> , 2017 , 7, 10857	4.9	20
68	A Perfect Storm: Increased Colonization and Failure of Vaccination Leads to Severe Secondary Bacterial Infection in Influenza Virus-Infected Obese Mice. <i>MBio</i> , 2017 , 8,	7.8	22
67	The logistic growth model as an approximating model for viral load measurements of influenza A virus. <i>Mathematics and Computers in Simulation</i> , 2017 , 133, 206-222	3.3	6
66	Generation and application of replication-competent Venus-expressing H5N1, H7N9, and H9N2 influenza A viruses. <i>Science Bulletin</i> , 2018 , 63, 176-186	10.6	2
65	In-vivo monitoring of infectious diseases in living animals using bioluminescence imaging. <i>Virulence</i> , 2018 , 9, 28-63	4.7	50
64	Development and application of bioluminescence imaging for the influenza A virus. <i>Journal of Thoracic Disease</i> , 2018 , 10, S2230-S2237	2.6	3
63	Causes and Consequences of Spatial Within-Host Viral Spread. <i>Viruses</i> , 2018 , 10,	6.2	29
62	Workshop report: Experimental animal models for universal influenza vaccines. <i>Vaccine</i> , 2018 , 36, 6895-6901	4.1	5
61	Measuring Influenza Virus Infection Using Bioluminescent Reporter Viruses for In Vivo Imaging and In Vitro Replication Assays. <i>Methods in Molecular Biology</i> , 2018 , 1836, 431-459	1.4	6

60	Directed Evolution of an Influenza Reporter Virus To Restore Replication and Virulence and Enhance Noninvasive Bioluminescence Imaging in Mice. <i>Journal of Virology</i> , 2018 , 92,	6.6	8
59	Incomplete influenza A virus genomes occur frequently but are readily complemented during localized viral spread. <i>Nature Communications</i> , 2019 , 10, 3526	17.4	32
58	In Vivo Imaging-Driven Approaches to Study Virus Dissemination and Pathogenesis. <i>Annual Review of Virology</i> , 2019 , 6, 501-524	14.6	5
57	Nanobody-based sandwich reporter system for living cell sensing influenza A virus infection. <i>Scientific Reports</i> , 2019 , 9, 15899	4.9	6
56	NanoBRET: The Bright Future of Proximity-Based Assays. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 56	5.8	48
55	A Novel Fluorescent and Bioluminescent Bireporter Influenza A Virus To Evaluate Viral Infections. <i>Journal of Virology</i> , 2019 , 93,	6.6	20
54	Development and Applications of Bioluminescent and Chemiluminescent Reporters and Biosensors. <i>Annual Review of Analytical Chemistry</i> , 2019 , 12, 129-150	12.5	73
53	Identification of Factors Complicating Bioluminescence Imaging. <i>Biochemistry</i> , 2019 , 58, 1689-1697	3.2	19
52	EPS8 Facilitates Uncoating of Influenza A Virus. <i>Cell Reports</i> , 2019 , 29, 2175-2183.e4	10.6	8
51	Longitudinal bioluminescent imaging of HIV-1 infection during antiretroviral therapy and treatment interruption in humanized mice. <i>PLoS Pathogens</i> , 2019 , 15, e1008161	7.6	14
50	Absence of β Integrin Reduces Influenza Disease Severity in Highly Susceptible Obese Mice. <i>Journal of Virology</i> , 2019 , 93,	6.6	9
49	A Guide for the Use of the Ferret Model for Influenza Virus Infection. <i>American Journal of Pathology</i> , 2020 , 190, 11-24	5.8	12
48	A materials-science perspective on tackling COVID-19. <i>Nature Reviews Materials</i> , 2020 , 1-14	73.3	123
47	A NanoLuc Luciferase Reporter Pseudorabies Virus for Live Imaging and Quantification of Viral Infection. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 566446	3.1	3
46	Coelenterazine-Dependent Luciferases as a Powerful Analytical Tool for Research and Biomedical Applications. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
45	Influenza virus repurposes the antiviral protein IFIT2 to promote translation of viral mRNAs. <i>Nature Microbiology</i> , 2020 , 5, 1490-1503	26.6	15
44	NanoBiT System and Hydrofurimazine for Optimized Detection of Viral Infection in Mice-A Novel in Vivo Imaging Platform. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
43	Synthetic Virology: Building Viruses to Better Understand Them. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020 , 10,	5.4	1

42	Ferretting Out Influenza Virus Pathogenicity and Transmissibility: Past and Future Risk Assessments in the Ferret Model. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020 , 10,	5.4	12
41	Obesity-Related Microenvironment Promotes Emergence of Virulent Influenza Virus Strains. <i>MBio</i> , 2020 , 11,	7.8	57
40	Applications of bioluminescence in biotechnology and beyond. <i>Chemical Society Reviews</i> , 2021 , 50, 5668-5705	5.9	25
39	Generation and Characterization of recombinant SARS-CoV-2 expressing reporter genes. <i>Journal of Virology</i> , 2021 ,	6.6	20
38	Infection Percolation: A Dynamic Network Model of Disease Spreading. <i>Frontiers in Physics</i> , 2021 , 9,	3.9	
37	Self-luminescent photodynamic therapy and pathogen detection for infectious diseases. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 1451-1455	6.2	6
36	The recent biological applications of selenium-based nanomaterials. <i>Nano Today</i> , 2021 , 38, 101205	17.9	9
35	Dynamically linking influenza virus infection kinetics, lung injury, inflammation, and disease severity. <i>ELife</i> , 2021 , 10,	8.9	11
34	Influenza A virus segments five and six can harbor artificial introns allowing expanded coding capacity. <i>PLoS Pathogens</i> , 2021 , 17, e1009951	7.6	1
33	Influenza A virus undergoes compartmentalized replication in vivo dominated by stochastic bottlenecks.		1
32	Generation and Characterization of recombinant SARS-CoV-2 expressing reporter genes.		2
31	Incomplete influenza A virus genomes are abundant but readily complemented during spatially structured viral spread.		3
30	Optimisations and Challenges Involved in the Creation of Various Bioluminescent and Fluorescent Influenza A Virus Strains for In Vitro and In Vivo Applications. <i>PLoS ONE</i> , 2015 , 10, e0133888	3.7	23
29	Replication-Competent Influenza A and B Viruses Expressing a Fluorescent Dynamic Timer Protein for In Vitro and In Vivo Studies. <i>PLoS ONE</i> , 2016 , 11, e0147723	3.7	24
28	Fiat Luc: Bioluminescence Imaging Reveals In Vivo Viral Replication Dynamics. <i>PLoS Pathogens</i> , 2015 , 11, e1005081	7.6	16
27	Location, Location, Location: Five Facts about Tissue Tropism and Pathogenesis. <i>PLoS Pathogens</i> , 2016 , 12, e1005519	7.6	14
26	An Epithelial Integrin Regulates the Amplitude of Protective Lung Interferon Responses against Multiple Respiratory Pathogens. <i>PLoS Pathogens</i> , 2016 , 12, e1005804	7.6	25
25	Non-invasive Imaging of Sendai Virus Infection in Pharmacologically Immunocompromised Mice: NK and T Cells, but not Neutrophils, Promote Viral Clearance after Therapy with Cyclophosphamide and Dexamethasone. <i>PLoS Pathogens</i> , 2016 , 12, e1005875	7.6	10

24	Mapping influenza transmission in the ferret model to transmission in humans. <i>ELife</i> , 2015 , 4,	8.9	27
23	Influenza virus recruits host protein kinase C to control assembly and activity of its replication machinery. <i>ELife</i> , 2017 , 6,	8.9	36
22	Vaccination against Viruses. 2016 , 389-395		
21	Identification of Factors Complicating Bioluminescence Imaging.		
20	Optical In Vivo Imaging in Tuberculosis Research. 2019 , 155-200		
19	Dynamically Linking Influenza Virus Infection Kinetics, Lung Injury, Inflammation, and Disease Severity.		4
18	EPS8 facilitates uncoating of influenza A virus.		1
17	A novel approach for monitoring TGF- β signaling in vivo in colon cancer. <i>Carcinogenesis</i> , 2021 , 42, 631-639	4.6	0
16	Alternative splicing liberates a cryptic cytoplasmic isoform of mitochondrial MECP2 that antagonizes influenza virus.		1
15	Animal models for SARS-CoV-2 infection and pathology.. <i>MedComm</i> , 2021 , 2, 548	2.2	10
14	Spatial metabolomics reveals localized impact of influenza virus infection on the lung tissue metabolome.		
13	Real-time tracking of bioluminescent influenza A virus infection in mice.. <i>Scientific Reports</i> , 2022 , 12, 3152	4.9	0
12	Robustness of the ferret model for influenza risk assessment studies: a cross-laboratory exercise.		
11	A recombinant murine rotavirus with Nano-Luciferase expression reveals tissue tropism, replication dynamics, and virus transmission.		0
10	In Vivo Tracking of Bacterial Colonization in Different Murine Models Using Bioluminescence: The Example of Salmonella. <i>Methods in Molecular Biology</i> , 2022 , 235-248	1.4	0
9	Influenza A virus undergoes compartmentalized replication in vivo dominated by stochastic bottlenecks. <i>Nature Communications</i> , 2022 , 13,	17.4	0
8	Spatial Metabolomics Reveals Localized Impact of Influenza Virus Infection on the Lung Tissue Metabolome. <i>MSystems</i> ,	7.6	
7	Generation, Characterization, and Applications of Influenza A Reporter Viruses. <i>Methods in Molecular Biology</i> , 2022 , 249-268	1.4	

6	Robustness of the Ferret Model for Influenza Risk Assessment Studies: a Cross-Laboratory Exercise. <i>MBio</i> ,	7.8	2
5	A recombinant murine-like rotavirus with Nano-Luciferase expression reveals tissue tropism, replication dynamics, and virus transmission. 13,		0
4	Neuraminidase activity modulates cellular co-infection during influenza A virus multicycle growth.		0
3	Assessing the fitness of a dual-antiviral drug resistant human influenza virus in the ferret model. 2022 , 5,		0
2	Alternative splicing liberates a cryptic cytoplasmic isoform of mitochondrial MECR that antagonizes influenza virus. 2022 , 20, e3001934		1
1	Neuraminidase Activity Modulates Cellular Coinfection during Influenza A Virus Multicycle Growth.		0