Siyuan Ding

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4951469/publications.pdf

Version: 2024-02-01

44 papers	3,830 citations	279798 23 h-index	276875 41 g-index
54 all docs	54 docs citations	54 times ranked	8189 citing authors

#	Article	IF	Citations
1	Wavefield Reconstruction Inversion of GPR Data for Permittivity and Conductivity Models in the Frequency Domain Based on Modified Total Variation Regularization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	10
2	Mesalamine Reduces Intestinal ACE2 Expression Without Modifying SARS-CoV-2 Infection or Disease Severity in Mice. Inflammatory Bowel Diseases, 2022, 28, 318-321.	1.9	5
3	m6A modifications regulate intestinal immunity and rotavirus infection. ELife, 2022, 11, .	6.0	27
4	Targeting the Fusion Process of SARS-CoV-2 Infection by Small Molecule Inhibitors. MBio, 2022, 13, e0323821.	4.1	11
5	JIB-04 Has Broad-Spectrum Antiviral Activity and Inhibits SARS-CoV-2 Replication and Coronavirus Pathogenesis. MBio, 2022, 13, e0337721.	4.1	14
6	The Dengue Virus Nonstructural Protein 1 (NS1) Interacts with the Putative Epigenetic Regulator DIDO1 to Promote Flavivirus Replication in Mosquito Cells. Journal of Virology, 2022, 96, .	3.4	4
7	Re-Examining Rotavirus Innate Immune Evasion: Potential Applications of the Reverse Genetics System. MBio, 2022, 13, .	4.1	7
8	The Role of the VP4 Attachment Protein in Rotavirus Host Range Restriction in an In Vivo Suckling Mouse Model. Journal of Virology, 2022, 96, .	3.4	4
9	SARS-CoV-2 exacerbates proinflammatory responses in myeloid cells through C-type lectin receptors and Tweety family member 2. Immunity, 2021, 54, 1304-1319.e9.	14.3	115
10	Perspectives for the optimization and utility of the rotavirus reverse genetics system. Virus Research, 2021, 303, 198500.	2.2	2
11	Inhibitor of growth protein 3 epigenetically silences endogenous retroviral elements and prevents innate immune activation. Nucleic Acids Research, 2021, 49, 12706-12715.	14.5	4
12	Xanthohumol Is a Potent Pan-Inhibitor of Coronaviruses Targeting Main Protease. International Journal of Molecular Sciences, 2021, 22, 12134.	4.1	19
13	Rotavirus NSP1 Contributes to Intestinal Viral Replication, Pathogenesis, and Transmission. MBio, 2021, 12, e0320821.	4.1	10
14	The Role of Innate Immunity in Regulating Rotavirus Replication, Pathogenesis, and Host Range Restriction and the Implications for Live Rotaviral Vaccine Development. , 2020, , 683-697.		2
15	When STING Meets Viruses: Sensing, Trafficking and Response. Frontiers in Immunology, 2020, 11, 2064.	4.8	20
16	Cholesterol 25-hydroxylase suppresses SARS-CoV-2 replication by blocking membrane fusion. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32105-32113.	7.1	192
17	An Optimized Reverse Genetics System Suitable for Efficient Recovery of Simian, Human, and Murine-Like Rotaviruses. Journal of Virology, 2020, 94, .	3.4	40
18	TMPRSS2 and TMPRSS4 promote SARS-CoV-2 infection of human small intestinal enterocytes. Science Immunology, 2020, 5, .	11.9	811

#	Article	IF	Citations
19	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. Cell Host and Microbe, 2020, 28, 475-485.e5.	11.0	380
20	Is SARS-CoV-2 Also an Enteric Pathogen With Potential Fecalâ€“Oral Transmission? A COVID-19 Virological and Clinical Review. Gastroenterology, 2020, 159, 53-61.	1.3	157
21	Retinoic Acid and Lymphotoxin Signaling Promote Differentiation of Human Intestinal M Cells. Gastroenterology, 2020, 159, 214-226.e1.	1.3	35
22	Reverse Genetics Reveals a Role of Rotavirus VP3 Phosphodiesterase Activity in Inhibiting RNase L Signaling and Contributing to Intestinal Viral Replication In Vivo. Journal of Virology, 2020, 94, .	3.4	24
23	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. SSRN Electronic Journal, 2020, , 3606354.	0.4	16
24	Mortalin restricts porcine epidemic diarrhea virus entry by downregulating clathrin-mediated endocytosis. Veterinary Microbiology, 2019, 239, 108455.	1.9	15
25	Profiling of rotavirus 3â€²UTR-binding proteins reveals the ATP synthase subunit ATP5B as a host factor that supports late-stage virus replication. Journal of Biological Chemistry, 2019, 294, 5993-6006.	3.4	26
26	Enterovirus pathogenesis requires the host methyltransferase SETD3. Nature Microbiology, 2019, 4, 2523-2537.	13.3	51
27	Human VP8* mAbs neutralize rotavirus selectively in human intestinal epithelial cells. Journal of Clinical Investigation, 2019, 129, 3839-3851.	8.2	32
28	STAG2 deficiency induces interferon responses via cGAS-STING pathway and restricts virus infection. Nature Communications, 2018, 9, 1485.	12.8	68
29	New mitochondrial DNA synthesis enables NLRP3 inflammasome activation. Nature, 2018, 560, 198-203.	27.8	722
30	Rotavirus VP3 targets MAVS for degradation to inhibit type III interferon expression in intestinal epithelial cells. ELife, 2018, 7, .	6.0	58
31	Drebrin restricts rotavirus entry by inhibiting dynamin-mediated endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3642-E3651.	7.1	49
32	Nlrp9b inflammasome restricts rotavirus infection in intestinal epithelial cells. Nature, 2017, 546, 667-670.	27.8	279
33	VP4- and VP7-specific antibodies mediate heterotypic immunity to rotavirus in humans. Science Translational Medicine, 2017, 9, .	12.4	87
34	DDX6 Represses Aberrant Activation of Interferon-Stimulated Genes. Cell Reports, 2017, 20, 819-831.	6.4	54
35	Comparative Proteomics Reveals Strain-Specific Î²-TrCP Degradation via Rotavirus NSP1 Hijacking a Host Cullin-3-Rbx1 Complex. PLoS Pathogens, 2016, 12, e1005929.	4.7	59
36	Epigenetic Reprogramming of the Type III Interferon Response Potentiates Antiviral Activity and Suppresses Tumor Growth. PLoS Biology, 2014, 12, e1001758.	5.6	50

#	Article	IF	Citations
37	Cytidine deamination and cccDNA degradation: A new approach for curing HBV?. Hepatology, 2014, 60, 2118-2121.	7.3	9
38	Dynamic expression profiling of type I and type III interferon-stimulated hepatocytes reveals a stable hierarchy of gene expression. Hepatology, 2014, 59, 1262-1272.	7.3	169
39	Long-Distance Interferon Signaling within the Brain Blocks Virus Spread. Journal of Virology, 2014, 88, 3695-3704.	3.4	52
40	TRIM15 is a focal adhesion protein that regulates focal adhesion disassembly. Journal of Cell Science, 2014, 127, 3928-42.	2.0	31
41	Peroxisomal MAVS activates IRF1-mediated IFN-Î» production. Nature Immunology, 2014, 15, 700-701.	14.5	26
42	TRIM15 is a focal adhesion protein that regulates focal adhesion disassembly. Development (Cambridge), 2014, 141, e1906-e1906.	2.5	0
43	Chicken HS4 insulator significantly improves baculovirus-mediated foreign gene expression in insect cells by modifying the structure of neighbouring chromatin in virus minichromosome. Journal of Biotechnology, 2009, 142, 193-199.	3.8	9
44	Zika mRNA vaccine induces long-term protective immunity. AME Medical Journal, 0, 2, 86-86.	0.4	1