

Shuai-Yao Lu

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,425
citations

516215

16
h-index

414034

32
g-index

40
all docs

40
docs citations

40
times ranked

4035
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive analysis of RNA-seq and whole genome sequencing data reveals no evidence for SARS-CoV-2 integrating into host genome. <i>Protein and Cell</i> , 2022, 13, 379-385.	4.8	3
2	Proteomic and phosphoproteomic profiling of COVID-19-associated lung and liver injury: a report based on rhesus macaques. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 27.	7.1	11
3	Human pluripotent stem-cell-derived islets ameliorate diabetes in non-human primates. <i>Nature Medicine</i> , 2022, 28, 272-282.	15.2	55
4	Three doses of prototypic SARS-CoV-2 inactivated vaccine induce cross-protection against its variants of concern. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 61.	7.1	12
5	Immunogenicity and protective efficacy of a recombinant protein subunit vaccine and an inactivated vaccine against SARS-CoV-2 variants in non-human primates. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 69.	7.1	19
6	Histones released by NETosis enhance the infectivity of SARS-CoV-2 by bridging the spike protein subunit 2 and sialic acid on host cells. , 2022, 19, 577-587.		22
7	Circular RNA vaccines against SARS-CoV-2 and emerging variants. <i>Cell</i> , 2022, 185, 1728-1744.e16.	13.5	211
8	Herbal inhibitors of SARS-CoV-2 M ^{pro} effectively ameliorate acute lung injury in mice. <i>IUBMB Life</i> , 2022, 74, 532-542.	1.5	6
9	SARS-CoV-2 impairs the disassembly of stress granules and promotes ALS-associated amyloid aggregation. <i>Protein and Cell</i> , 2022, 13, 602-614.	4.8	15
10	Characteristic analysis of Omicron-included SARS-CoV-2 variants of concern. <i>MedComm</i> , 2022, 3, e129.	3.1	3
11	Protective prototype-Beta and Delta-Omicron chimeric RBD-dimer vaccines against SARS-CoV-2. <i>Cell</i> , 2022, 185, 2265-2278.e14.	13.5	77
12	The Gastrointestinal Tract Is an Alternative Route for SARS-CoV-2 Infection in a Nonhuman Primate Model. <i>Gastroenterology</i> , 2021, 160, 1647-1661.	0.6	88
13	The olfactory route is a potential way for SARS-CoV-2 to invade the central nervous system of rhesus monkeys. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 169.	7.1	84
14	Screening and potential role of tRFs and tiRNAs derived from tRNAs in the carcinogenesis and development of lung adenocarcinoma. <i>Oncology Letters</i> , 2021, 22, 506.	0.8	9
15	A core-shell structured COVID-19 mRNA vaccine with favorable biodistribution pattern and promising immunity. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 213.	7.1	76
16	Single-Dose Immunization With a Chimpanzee Adenovirus-Based Vaccine Induces Sustained and Protective Immunity Against SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 697074.	2.2	18
17	Effect of NTN and Lmx1 \pm on the Notch Signaling Pathway during the Differentiation of Human Bone Marrow Mesenchymal Stem Cells into Dopaminergic Neuron-Like Cells. <i>Parkinson's Disease</i> , 2021, 2021, 1-11.	0.6	1
18	Long Non-coding RNA T-uc.189 Modulates Neural Progenitor Cell Fate by Regulating Srsf3 During Mouse Cerebral Cortex Development. <i>Frontiers in Neuroscience</i> , 2021, 15, 709684.	1.4	2

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19	A mouse model for SARS-CoV-2-induced acute respiratory distress syndrome. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 1.	7.1	558
20	Effective treatment of SARS-CoV-2-infected rhesus macaques by attenuating inflammation. <i>Cell Research</i> , 2021, 31, 229-232.	5.7	8
21	Antibody response elicited by a third boost dose of inactivated SARS-CoV-2 vaccine can neutralize SARS-CoV-2 variants of concern. <i>Emerging Microbes and Infections</i> , 2021, 10, 1-9.	3.0	25
22	Animal models for SARS-CoV-2 infection and pathology. <i>MedComm</i> , 2021, 2, 548-568.	3.1	19
23	Neurological complications and infection mechanism of SARS-CoV-2. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 406.	7.1	76
24	Inactivated SARS-CoV-2 induces acute respiratory distress syndrome in human ACE2-transgenic mice. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 439.	7.1	18
25	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. <i>Nature</i> , 2020, 586, 572-577.	13.7	630
26	Susceptibility of tree shrew to SARS-CoV-2 infection. <i>Scientific Reports</i> , 2020, 10, 16007.	1.6	85
27	Comparison of nonhuman primates identified the suitable model for COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 157.	7.1	190
28	Lentivirus-Mediated hFGF21 Stable Expression in Liver of Diabetic Rats Model and Its Antidiabetic Effect Observation. <i>Human Gene Therapy</i> , 2020, 31, 472-484.	1.4	1
29	Injection of $\Delta\pm$ -syn-98 Aggregates Into the Brain Triggers $\Delta\pm$ -Synuclein Pathology and an Inflammatory Response. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 189.	1.4	7
30	Comparative medical characteristics of ZDF $\Delta\pm$ 2DM rats during the course of development to late stage disease. <i>Animal Models and Experimental Medicine</i> , 2018, 1, 203-211.	1.3	7
31	Identification and analysis of intermediate-size noncoding RNAs in the rhesus macaque fetal brain. <i>Journal of Genetics and Genomics</i> , 2017, 44, 171-174.	1.7	0
32	Conserved expression of ultra-conserved noncoding RNA in mammalian nervous system. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 1159-1168.	0.9	14
33	Quantitative Proteomic Analysis of Hepatic Tissue of T2DM Rhesus Macaque. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-10.	1.0	2
34	Dopaminergic Neuron-Like Cells Derived from Bone Marrow Mesenchymal Stem Cells by Lmx1 and Neurturin Overexpression for Autologous Cytotherapy in Hemiparkinsonian Rhesus Monkeys. <i>Current Stem Cell Research and Therapy</i> , 2015, 10, 109-120.	0.6	5
35	Rapid cloning and comparative sequence analysis of full-length cDNA of Rhesus monkey (<i>Macaca</i>) Tj ETQq1 10.784314 rgBT / Over	0.8	0