Shuai-Yao Lu

List of Publications by Year
in descending order

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	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. Nature, 2020, 586, 572-577.	13.7	630
2	A mouse model for SARS-CoV-2-induced acute respiratory distress syndrome. Signal Transduction and Targeted Therapy, 2021, 6, 1.	7.1	558
3	Circular RNA vaccines against SARS-CoV-2 and emerging variants. Cell, 2022, 185, 1728-1744.e16.	13.5	211
4	Comparison of nonhuman primates identified the suitable model for COVID-19. Signal Transduction and Targeted Therapy, 2020, 5, 157.	7.1	190
5	The Gastrointestinal Tract Is an Alternative Route for SARS-CoV-2 Infection in a Nonhuman Primate Model. Gastroenterology, 2021, 160, 1647-1661.	0.6	88
6	Susceptibility of tree shrew to SARS-CoV-2 infection. Scientific Reports, 2020, 10, 16007.	1.6	85
7	The olfactory route is a potential way for SARS-CoV-2 to invade the central nervous system of rhesus monkeys. Signal Transduction and Targeted Therapy, 2021, 6, 169.	7.1	84
8	Protective prototype-Beta and Delta-Omicron chimeric RBD-dimer vaccines against SARS-CoV-2. Cell, 2022, 185, 2265-2278.e14.	13.5	77
9	A core-shell structured COVID-19 mRNA vaccine with favorable biodistribution pattern and promising immunity. Signal Transduction and Targeted Therapy, 2021, 6, 213.	7.1	76
10	Neurological complications and infection mechanism of SARS-CoV-2. Signal Transduction and Targeted Therapy, 2021, 6, 406.	7.1	76
11	Human pluripotent stem-cell-derived islets ameliorate diabetes in non-human primates. Nature Medicine, 2022, 28, 272-282.	15.2	55
12	Antibody response elicited by a third boost dose of inactivated SARS-CoV-2 vaccine can neutralize SARS-CoV-2 variants of concern. Emerging Microbes and Infections, 2021, 10, 1-9.	3.0	25
13	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
14	Animal models for SARSâ€CoVâ€2 infection and pathology. MedComm, 2021, 2, 548-568.	3.1	19
15	Immunogenicity and protective efficacy of a recombinant protein subunit vaccine and an inactivated vaccine against SARS-CoV-2 variants in non-human primates. Signal Transduction and Targeted Therapy, 2022, 7, 69.	7.1	19
16	Single-Dose Immunization With a Chimpanzee Adenovirus-Based Vaccine Induces Sustained and Protective Immunity Against SARS-CoV-2 Infection. Frontiers in Immunology, 2021, 12, 697074.	2.2	18
17	Inactivated SARS-CoV-2 induces acute respiratory distress syndrome in human ACE2-transgenic mice. Signal Transduction and Targeted Therapy, 2021, 6, 439.	7.1	18
18	SARS-CoV-2 impairs the disassembly of stress granules and promotes ALS-associated amyloid aggregation. Protein and Cell, 2022, 13, 602-614.	4.8	15

#	Article	IF	Citations
19	Conserved expression of ultra-conserved noncoding RNA in mammalian nervous system. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 1159-1168.	0.9	14
20	Three doses of prototypic SARS-CoV-2 inactivated vaccine induce cross-protection against its variants of concern. Signal Transduction and Targeted Therapy, 2022, 7, 61.	7.1	12
21	Proteomic and phosphoproteomic profiling of COVID-19-associated lung and liver injury: a report based on rhesus macaques. Signal Transduction and Targeted Therapy, 2022, 7, 27.	7.1	11
22	Screening and potential role of tRFs and tiRNAs derived from tRNAs in the carcinogenesis and development of lung adenocarcinoma. Oncology Letters, 2021, 22, 506.	0.8	9
23	Effective treatment of SARS-CoV-2-infected rhesus macaques by attenuating inflammation. Cell Research, 2021, 31, 229-232.	5.7	8
24	Comparative medical characteristics of <scp>ZDF</scp>â€T2<scp>DM</scp> rats during the course of development to late stage disease. Animal Models and Experimental Medicine, 2018, 1, 203-211.	1.3	7
25	Injection of Î±-syn-98 Aggregates Into the Brain Triggers Î±-Synuclein Pathology and an Inflammatory Response. Frontiers in Molecular Neuroscience, 2019, 12, 189.	1.4	7
26	Herbal inhibitors of <scp>SARSâ€CoV</scp>â€2 M^{pro} effectively ameliorate acute lung injury in mice. IUBMB Life, 2022, 74, 532-542.	1.5	6
27	Dopaminergic Neuron-Like Cells Derived from Bone Marrow Mesenchymal Stem Cells by Lmx1α and Neurturin Overexpression for Autologous Cytotherapy in Hemiparkinsonian Rhesus Monkeys. Current Stem Cell Research and Therapy, 2015, 10, 109-120.	0.6	5
28	Comprehensive analysis of RNA-seq and whole genome sequencing data reveals no evidence for SARS-CoV-2 integrating into host genome. Protein and Cell, 2022, 13, 379-385.	4.8	3
29	Characteristic analysis of Omicronâ€included SARSâ€CoVâ€2 variants of concern. MedComm, 2022, 3, e129.	3.1	3
30	Quantitative Proteomic Analysis of Hepatic Tissue of T2DM Rhesus Macaque. Journal of Diabetes Research, 2017, 2017, 1-10.	1.0	2
31	Long Non-coding RNA T-uc.189 Modulates Neural Progenitor Cell Fate by Regulating Srsf3 During Mouse Cerebral Cortex Development. Frontiers in Neuroscience, 2021, 15, 709684.	1.4	2
32	Lentivirus-MediatedhFGF21Stable Expression in Liver of Diabetic Rats Model and Its Antidiabetic Effect Observation. Human Gene Therapy, 2020, 31, 472-484.	1.4	1
33	Effect of NTN and Lmx1Î± on the Notch Signaling Pathway during the Differentiation of Human Bone Marrow Mesenchymal Stem Cells into Dopaminergic Neuron-Like Cells. Parkinson's Disease, 2021, 2021, 1-11.	0.6	1
34	Rapid cloning and comparative sequence analysis of fullâ€length cDNA of Rhesus monkey (<i>Macaca) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	0
35	Identification and analysis of intermediate-size noncoding RNAs in the rhesus macaque fetal brain. Journal of Genetics and Genomics, 2017, 44, 171-174.	1.7	0