Yong-Qiang Deng

List of Publications by Year
in descending order

40 papers	9,278 citations	304743 22 h-index	289244 40 g-index
45 all docs	45 docs citations	45 times ranked	18826 citing authors

#	Article	IF	Citations
1	Structure of Mpro from SARS-CoV-2 and discovery of its inhibitors. Nature, 2020, 582, 289-293.	27.8	3,133
2	Potent Neutralizing Antibodies against SARS-CoV-2 Identified by High-Throughput Single-Cell Sequencing of Convalescent Patientsâ€™ B Cells. Cell, 2020, 182, 73-84.e16.	28.9	1,139
3	Detection of SARS-CoV-2-Specific Humoral and Cellular Immunity in COVID-19 Convalescent Individuals. Immunity, 2020, 52, 971-977.e3.	14.3	979
4	CD147-spike protein is a novel route for SARS-CoV-2 infection to host cells. Signal Transduction and Targeted Therapy, 2020, 5, 283.	17.1	806
5	Adaptation of SARS-CoV-2 in BALB/c mice for testing vaccine efficacy. Science, 2020, 369, 1603-1607.	12.6	678
6	A Mouse Model of SARS-CoV-2 Infection and Pathogenesis. Cell Host and Microbe, 2020, 28, 124-133.e4.	11.0	540
7	A Thermostable mRNA Vaccine against COVID-19. Cell, 2020, 182, 1271-1283.e16.	28.9	485
8	Structural basis for neutralization of SARS-CoV-2 and SARS-CoV by a potent therapeutic antibody. Science, 2020, 369, 1505-1509.	12.6	358
9	Memory B cell repertoire from triple vaccinees against diverse SARS-CoV-2 variants. Nature, 2022, 603, 919-925.	27.8	146
10	The m6A methylome of SARS-CoV-2 in host cells. Cell Research, 2021, 31, 404-414.	12.0	95
11	25-Hydroxycholesterol is a potent SARS-CoV-2 inhibitor. Cell Research, 2020, 30, 1043-1045.	12.0	91
12	Characterization and structural basis of a lethal mouse-adapted SARS-CoV-2. Nature Communications, 2021, 12, 5654.	12.8	89
13	Rational development of a human antibody cocktail that deploys multiple functions to confer Pan-SARS-CoVs protection. Cell Research, 2021, 31, 25-36.	12.0	76
14	Structure-based development of human antibody cocktails against SARS-CoV-2. Cell Research, 2021, 31, 101-103.	12.0	75
15	CD147 antibody specifically and effectively inhibits infection and cytokine storm of SARS-CoV-2 and its variants delta, alpha, beta, and gamma. Signal Transduction and Targeted Therapy, 2021, 6, 347.	17.1	64
16	Recombinant vaccine containing an RBD-Fc fusion induced protection against SARS-CoV-2 in nonhuman primates and mice. Cellular and Molecular Immunology, 2021, 18, 1070-1073.	10.5	47
17	SARS-CoV-2 infection in the mouse olfactory system. Cell Discovery, 2021, 7, 49.	6.7	47
18	Safety and immunogenicity of the SARS-CoV-2 ARCoV mRNA vaccine in Chinese adults: a randomised, double-blind, placebo-controlled, phase 1 trial. Lancet Microbe, The, 2022, 3, e193-e202.	7.3	45

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19	GP73 is a glucogenic hormone contributing to SARS-CoV-2-induced hyperglycemia. Nature Metabolism, 2022, 4, 29-43.	11.9	37
20	A proof of concept for neutralizing antibody-guided vaccine design against SARS-CoV-2. National Science Review, 2021, 8, nwab053.	9.5	36
21	Impaired Cellular Immunity to SARS-CoV-2 in Severe COVID-19 Patients. Frontiers in Immunology, 2021, 12, 603563.	4.8	29
22	Long-term stability and protection efficacy of the RBD-targeting COVID-19 mRNA vaccine in nonhuman primates. Signal Transduction and Targeted Therapy, 2021, 6, 438.	17.1	29
23	Double lock of a potent human therapeutic monoclonal antibody against SARS-CoV-2. National Science Review, 2021, 8, nwaa297.	9.5	24
24	Treatment of SARS-CoV-2-induced pneumonia with NAD+ and NMN in two mouse models. Cell Discovery, 2022, 8, 38.	6.7	24
25	Enhanced protective immunity against SARS-CoV-2 elicited by a VSV vector expressing a chimeric spike protein. Signal Transduction and Targeted Therapy, 2021, 6, 389.	17.1	21
26	Lipid nanoparticle-encapsulated mRNA antibody provides long-term protection against SARS-CoV-2 in mice and hamsters. Cell Research, 2022, 32, 375-382.	12.0	21
27	Zika Virus Infection in Tupaia belangeri Causes Dermatological Manifestations and Confers Protection against Secondary Infection. Journal of Virology, 2019, 93, .	3.4	19
28	Transient acquisition of cross-species infectivity during the evolution of SARS-CoV-2. National Science Review, 2021, 8, nwab167.	9.5	17
29	Development of reverse-transcription loop-mediated isothermal amplification assay for rapid detection of novel avian influenza A (H7N9) virus. BMC Microbiology, 2014, 14, 271.	3.3	16
30	Proteome-wide epitope mapping identifies a resource of antibodies for SARS-CoV-2 detection and neutralization. Signal Transduction and Targeted Therapy, 2021, 6, 166.	17.1	13
31	Structure and function analysis of a potent human neutralizing antibody CA521FALA against SARS-CoV-2. Communications Biology, 2021, 4, 500.	4.4	12
32	Rational Development of a Polysaccharideâ€“Proteinâ€Conjugated Nanoparticle Vaccine Against SARSâ€CoVâ€2 Variants and Streptococcus pneumoniae. Advanced Materials, 2022, 34, e2200443.	21.0	11
33	Tamoxifen and clomiphene inhibit SARS-CoV-2 infection by suppressing viral entry. Signal Transduction and Targeted Therapy, 2021, 6, 435.	17.1	11
34	hACE2 Fc-neutralization antibody cocktail provides synergistic protection against SARS-CoV-2 and its spike RBD variants. Cell Discovery, 2021, 7, 54.	6.7	10
35	Identification of oligosaccharyltransferase as a host target for inhibition of SARS-CoV-2 and its variants. Cell Discovery, 2021, 7, 116.	6.7	8
36	Visualization of yellow fever virus infection in mice using a bioluminescent reporter virus. Emerging Microbes and Infections, 2021, 10, 1739-1750.	6.5	6

#	Article	IF	Citations
37	A highly immunogenic live-attenuated vaccine candidate prevents SARS-CoV-2 infection and transmission in hamsters. Innovation(China), 2022, 3, 100221.	9.1	5
38	Antibody engineering improves neutralization activity against K417 spike mutant SARS-CoV-2 variants. Cell and Bioscience, 2022, 12, 63.	4.8	4
39	Ã…ngstrom-scale silver particles potently combat SARS-CoV-2 infection by suppressing the ACE2 expression and inflammatory responses. Journal of Materials Chemistry B, 2022, 10, 5454-5464.	5.8	4
40	Construction and identification of reverse genetics system of Dengue type 2 virus isolated in China. Science Bulletin, 2006, 51, 2065-2071.	1.7	2