

Wei Deng

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

7,604
citations

218381

26
h-index

233125

45
g-index

50
all docs

50
docs citations

50
times ranked

15218
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an inactivated vaccine candidate for SARS-CoV-2. <i>Science</i> , 2020, 369, 77-81.	6.0	1,180
2	Potent Neutralizing Antibodies against SARS-CoV-2 Identified by High-Throughput Single-Cell Sequencing of Convalescent Patients' B Cells. <i>Cell</i> , 2020, 182, 73-84.e16.	13.5	1,139
3	The pathogenicity of SARS-CoV-2 in hACE2 transgenic mice. <i>Nature</i> , 2020, 583, 830-833.	13.7	992
4	Development of an Inactivated Vaccine Candidate, BBIBP-CoV, with Potent Protection against SARS-CoV-2. <i>Cell</i> , 2020, 182, 713-721.e9.	13.5	639
5	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
6	Treatment With Lopinavir/Ritonavir or Interferon- β Improves Outcome of MERS-CoV Infection in a Nonhuman Primate Model of Common Marmoset. <i>Journal of Infectious Diseases</i> , 2015, 212, 1904-1913.	1.9	572
7	Primary exposure to SARS-CoV-2 protects against reinfection in rhesus macaques. <i>Science</i> , 2020, 369, 818-823.	6.0	416
8	Age-related rhesus macaque models of COVID-19. <i>Animal Models and Experimental Medicine</i> , 2020, 3, 93-97.	1.3	238
9	Structurally Resolved SARS-CoV-2 Antibody Shows High Efficacy in Severely Infected Hamsters and Provides a Potent Cocktail Pairing Strategy. <i>Cell</i> , 2020, 183, 1013-1023.e13.	13.5	227
10	Ocular conjunctival inoculation of SARS-CoV-2 can cause mild COVID-19 in rhesus macaques. <i>Nature Communications</i> , 2020, 11, 4400.	5.8	161
11	SARS-CoV-2 crosses the blood-brain barrier accompanied with basement membrane disruption without tight junctions alteration. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 337.	7.1	157
12	Induction of alarmin S100A8/A9 mediates activation of aberrant neutrophils in the pathogenesis of COVID-19. <i>Cell Host and Microbe</i> , 2021, 29, 222-235.e4.	5.1	145
13	MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , 2016, 1, 16004.	5.9	140
14	Mucus production stimulated by IFN-AhR signaling triggers hypoxia of COVID-19. <i>Cell Research</i> , 2020, 30, 1078-1087.	5.7	92
15	Distinct uptake, amplification, and release of SARS-CoV-2 by M1 and M2 alveolar macrophages. <i>Cell Discovery</i> , 2021, 7, 24.	3.1	91
16	Advances in research on ACE2 as a receptor for 2019-nCoV. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 531-544.	2.4	87
17	Brain Derived Exosomes Are a Double-Edged Sword in Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 79.	1.4	64
18	Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 via Close Contact and Respiratory Droplets Among Human Angiotensin-Converting Enzyme 2 Mice. <i>Journal of Infectious Diseases</i> , 2020, 222, 551-555.	1.9	61

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19	A novel STING agonist-adjuvanted pan-sarbecovirus vaccine elicits potent and durable neutralizing antibody and T cell responses in mice, rabbits and NHPs. <i>Cell Research</i> , 2022, 32, 269-287.	5.7	54
20	The relationship of lymphocyte recovery and prognosis of esophageal cancer patients with severe radiation-induced lymphopenia after chemoradiation therapy. <i>Radiotherapy and Oncology</i> , 2019, 133, 9-15.	0.3	50
21	SARS-CoV-2 Causes a Systemically Multiple Organs Damages and Dissemination in Hamsters. <i>Frontiers in Microbiology</i> , 2020, 11, 618891.	1.5	46
22	Susceptibility and Attenuated Transmissibility of SARS-CoV-2 in Domestic Cats. <i>Journal of Infectious Diseases</i> , 2021, 223, 1313-1321.	1.9	46
23	Sequential infection with H1N1 and SARS-CoV-2 aggravated COVID-19 pathogenesis in a mammalian model, and co-vaccination as an effective method of prevention of COVID-19 and influenza. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 200.	7.1	41
24	Therapeutic efficacy of Pudilan Xiaoyan Oral Liquid (PDL) for COVID-19 in vitro and in vivo. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 66.	7.1	38
25	Acryloylamino-salicylanilides as EGFR PTK inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 469-472.	1.0	35
26	Advances in radiotherapy for esophageal cancer. <i>Annals of Translational Medicine</i> , 2018, 6, 79-79.	0.7	30
27	Nomogram to Predict Overall Survival for Thoracic Esophageal Squamous Cell Carcinoma Patients After Radical Esophagectomy. <i>Annals of Surgical Oncology</i> , 2019, 26, 2890-2898.	0.7	28
28	Molecular epidemiological tracing of HIV-1 outbreaks in Hainan island of southern China. <i>Aids</i> , 2009, 23, 977-985.	1.0	24
29	Postoperative Radiotherapy in Pathological T2â€“3N0M0 Thoracic Esophageal Squamous Cell Carcinoma: Interim Report of a Prospective, Phase III, Randomized Controlled Study. <i>Oncologist</i> , 2020, 25, e701-e708.	1.9	23
30	A phase I/II radiation dose escalation trial using simultaneous integrated boost technique with elective nodal irradiation and concurrent chemotherapy for unresectable esophageal Cancer. <i>Radiation Oncology</i> , 2019, 14, 48.	1.2	20
31	SARS-CoV-2 treatment effects induced by ACE2-expressing microparticles are explained by the oxidized cholesterol-increased endosomal pH of alveolar macrophages. <i>Cellular and Molecular Immunology</i> , 2022, 19, 210-221.	4.8	15
32	Sequential immunizations confer cross-protection against variants of SARS-CoV-2, including Omicron in Rhesus macaques. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 124.	7.1	15
33	ACE2 expression is regulated by AhR in SARS-CoV-2-infected macaques. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1308-1310.	4.8	14
34	Clinical practice and outcome of radiotherapy for advanced esophageal squamous cell carcinoma between 2002 and 2018 in China: the multi-center 3JECROG Survey. <i>Acta Oncologica</i> , 2021, 60, 627-634.	0.8	13
35	Antigenicity and transmissibility of a novel clade 2.3.2.1 avian influenza H5N1 virus. <i>Journal of General Virology</i> , 2013, 94, 2616-2626.	1.3	12
36	Integrated histopathological, lipidomic, and metabolomic profiles reveal mink is a useful animal model to mimic the pathogenicity of severe COVID-19 patients. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 29.	7.1	12

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37	Characterization of an H9N2 avian influenza virus from a <i>Fringilla montifringilla</i> brambling in northern China. <i>Virology</i> , 2015, 476, 289-297.	1.1	11
38	A prognostic nomogram for overall survival after neoadjuvant radiotherapy or chemoradiotherapy in thoracic esophageal squamous cell carcinoma: a retrospective analysis. <i>Oncotarget</i> , 2017, 8, 41102-41112.	0.8	10
39	Differential transcriptomic landscapes of multiple organs from SARS-CoV-2 early infected rhesus macaques. <i>Protein and Cell</i> , 2022, 13, 920-939.	4.8	9
40	Interobserver variability in target volume delineation in definitive radiotherapy for thoracic esophageal cancer: a multi-center study from China. <i>Radiation Oncology</i> , 2021, 16, 102.	1.2	8
41	A multicenter prospective phase III clinical randomized study of simultaneous integrated boost intensity-modulated radiotherapy with or without concurrent chemotherapy in patients with esophageal cancer: 3JECROG P-02 study protocol. <i>BMC Cancer</i> , 2020, 20, 901.	1.1	7
42	The Effects of ATIR Blocker on the Severity of COVID-19 in Hypertensive Inpatients and Virulence of SARS-CoV-2 in Hypertensive hACE2 Transgenic Mice. <i>Journal of Cardiovascular Translational Research</i> , 2022, 15, 38-48.	1.1	3
43	SARS-CoV-2 leads to myocardial injury in rhesus macaque. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 338.	7.1	2
44	Construction of a comprehensive observer-based scale assessing aging-related health and functioning in captive rhesus macaques. <i>Aging</i> , 2019, 11, 6892-6903.	1.4	1
45	ASO Author Reflections: Prognostic Stratification and the Value of Adjuvant Therapy in Thoracic Esophageal Squamous Cell Carcinoma Patients After Esophagectomy. <i>Annals of Surgical Oncology</i> , 2019, 26, 802-803.	0.7	0