

# Shuguang Tan

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

5,358  
citations

186209

28  
h-index

161767

54  
g-index

56  
all docs

56  
docs citations

56  
times ranked

11733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical and biochemical indexes from 2019-nCoV infected patients linked to viral loads and lung injury. <i>Science China Life Sciences</i> , 2020, 63, 364-374.	2.3	1,606
2	A noncompeting pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2. <i>Science</i> , 2020, 368, 1274-1278.	6.0	964
3	Nanozyme-strip for rapid local diagnosis of Ebola. <i>Biosensors and Bioelectronics</i> , 2015, 74, 134-141.	5.3	320
4	Elevated plasma levels of selective cytokines in COVID-19 patients reflect viral load and lung injury. <i>National Science Review</i> , 2020, 7, 1003-1011.	4.6	202
5	An unexpected N-terminal loop in PD-1 dominates binding by nivolumab. <i>Nature Communications</i> , 2017, 8, 14369.	5.8	192
6	Tumor cell-intrinsic PD-1 receptor is a tumor suppressor and mediates resistance to PD-1 blockade therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6640-6650.	3.3	141
7	Angiotensin II plasma levels are linked to disease severity and predict fatal outcomes in H7N9-infected patients. <i>Nature Communications</i> , 2014, 5, 3595.	5.8	137
8	Structural basis of anti-PD-L1 monoclonal antibody avelumab for tumor therapy. <i>Cell Research</i> , 2017, 27, 151-153.	5.7	116
9	Distinct PD-L1 binding characteristics of therapeutic monoclonal antibody durvalumab. <i>Protein and Cell</i> , 2018, 9, 135-139.	4.8	107
10	CD8 <sup>+</sup> T Cell Immune Response in Immunocompetent Mice during Zika Virus Infection. <i>Journal of Virology</i> , 2017, 91, .	1.5	102
11	Binding and molecular basis of the bat coronavirus RaTG13 virus to ACE2 in humans and other species. <i>Cell</i> , 2021, 184, 3438-3451.e10.	13.5	100
12	The Serum Profile of Hypercytokinemia Factors Identified in H7N9-Infected Patients can Predict Fatal Outcomes. <i>Scientific Reports</i> , 2015, 5, 10942.	1.6	93
13	Molecular Basis of Arthritogenic Alphavirus Receptor MXRA8 Binding to Chikungunya Virus Envelope Protein. <i>Cell</i> , 2019, 177, 1714-1724.e12.	13.5	75
14	Cross-species recognition of SARS-CoV-2 to bat ACE2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	73
15	Remarkably similar CTLA-4 binding properties of therapeutic ipilimumab and tremelimumab antibodies. <i>Oncotarget</i> , 2017, 8, 67129-67139.	0.8	65
16	A single-dose mRNA vaccine provides a long-term protection for hACE2 transgenic mice from SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 776.	5.8	65
17	Clinical and Immunological Characteristics of Human Infections With H5N6 Avian Influenza Virus. <i>Clinical Infectious Diseases</i> , 2019, 68, 1100-1109.	2.9	56
18	Seeing is believing: anti-PD-1/PD-L1 monoclonal antibodies in action for checkpoint blockade tumor immunotherapy. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, 16029.	7.1	53

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19	N-glycosylation of PD-1 promotes binding of camrelizumab. <i>EMBO Reports</i> , 2020, 21, e51444.	2.0	47
20	Cross-Allele Cytotoxic T Lymphocyte Responses against 2009 Pandemic H1N1 Influenza A Virus among HLA-A24 and HLA-A3 Supertype-Positive Individuals. <i>Journal of Virology</i> , 2012, 86, 13281-13294.	1.5	45
21	Crystal clear: visualizing the intervention mechanism of the PD-1/PD-L1 interaction by two cancer therapeutic monoclonal antibodies. <i>Protein and Cell</i> , 2016, 7, 866-877.	4.8	44
22	The first imported case of Rift Valley fever in China reveals a genetic reassortment of different viral lineages. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7.	3.0	40
23	Structures of the four- $\alpha$ -like domain LILRB2 and the four-domain LILRB1 and HLA-G1 complex. <i>Cellular and Molecular Immunology</i> , 2020, 17, 966-975.	4.8	38
24	An engineered bispecific human monoclonal antibody against SARS-CoV-2. <i>Nature Immunology</i> , 2022, 23, 423-430.	7.0	38
25	Conserved epitopes dominate cross-reactive CD8 <sup>+</sup> T cell responses against influenza A H1N1 virus among Asian populations. <i>European Journal of Immunology</i> , 2013, 43, 2055-2069.	1.6	37
26	Revival of the identification of cytotoxic T-lymphocyte epitopes for immunological diagnosis, therapy and vaccine development. <i>Experimental Biology and Medicine</i> , 2011, 236, 253-267.	1.1	35
27	An unexpected similarity between antibiotic-resistant NDM-1 and beta-lactamase II from <i>Erythrobacter litoralis</i> . <i>Protein and Cell</i> , 2011, 2, 250-258.	4.8	34
28	Two classes of protective antibodies against Pseudorabies virus variant glycoprotein B: Implications for vaccine design. <i>PLoS Pathogens</i> , 2017, 13, e1006777.	2.1	34
29	The FG Loop of PD-1 Serves as a "Hotspot" for Therapeutic Monoclonal Antibodies in Tumor Immune Checkpoint Therapy. <i>IScience</i> , 2019, 14, 113-124.	1.9	34
30	Limited Cross-Linking of 4-1BB by 4-1BB Ligand and the Agonist Monoclonal Antibody Utomilumab. <i>Cell Reports</i> , 2018, 25, 909-920.e4.	2.9	33
31	Comparison between human infections caused by highly and low pathogenic H7N9 avian influenza viruses in Wave Five: Clinical and virological findings. <i>Journal of Infection</i> , 2019, 78, 241-248.	1.7	31
32	Respiratory syncytial virus: from pathogenesis to potential therapeutic strategies. <i>International Journal of Biological Sciences</i> , 2021, 17, 4073-4091.	2.6	31
33	Glycosylation-independent binding of monoclonal antibody toripalimab to FG loop of PD-1 for tumor immune checkpoint therapy. <i>MAbs</i> , 2019, 11, 681-690.	2.6	30
34	Structural basis of cross-allele presentation by HLA-A*0301 and HLA-A*1101 revealed by two HIV-derived peptide complexes. <i>Molecular Immunology</i> , 2011, 49, 395-401.	1.0	29
35	The identification of a CD47-blocking "hotspot" and design of a CD47/PD-L1 dual-specific antibody with limited hemagglutination. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 16.	7.1	29
36	Structural basis of HCoV-19 fusion core and an effective inhibition peptide against virus entry. <i>Emerging Microbes and Infections</i> , 2020, 9, 1238-1241.	3.0	26

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37	Prolonged Evolution of Virus-Specific Memory T Cell Immunity after Severe Avian Influenza A (H7N9) Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	1.5	25
38	Heterosubtypic Protections against Human-Infecting Avian Influenza Viruses Correlate to Biased Cross-T-Cell Responses. <i>MBio</i> , 2018, 9, .	1.8	25
39	Binding mode of the side-by-side two-IgV molecule CD226/DNAM-1 to its ligand CD155/Necl-5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 988-996.	3.3	25
40	Cross-immunity Against Avian Influenza A(H7N9) Virus in the Healthy Population Is Affected by Antigenicity-Dependent Substitutions. <i>Journal of Infectious Diseases</i> , 2016, 214, 1937-1946.	1.9	24
41	Nosocomial Co-Transmission of Avian Influenza A(H7N9) and A(H1N1)pdm09 Viruses between 2 Patients with Hematologic Disorders. <i>Emerging Infectious Diseases</i> , 2016, 22, 598-607.	2.0	23
42	Molecular basis of EphA2 recognition by gHgL from gammaherpesviruses. <i>Nature Communications</i> , 2020, 11, 5964.	5.8	22
43	VP2 Dominated CD4+ T Cell Responses against Enterovirus 71 and Cross-Reactivity against Coxsackievirus A16 and Polioviruses in a Healthy Population. <i>Journal of Immunology</i> , 2013, 191, 1637-1647.	0.4	21
44	Structural basis for the differential classification of HLA-A*6802 and HLA-A*6801 into the A2 and A3 supertypes. <i>Molecular Immunology</i> , 2013, 55, 381-392.	1.0	20
45	PD-1 N58-Glycosylation-Dependent Binding of Monoclonal Antibody Cemiplimab for Immune Checkpoint Therapy. <i>Frontiers in Immunology</i> , 2022, 13, 826045.	2.2	13
46	Hemagglutinin-specific CD4 + T-cell responses following 2009-pH1N1 inactivated split-vaccine inoculation in humans. <i>Vaccine</i> , 2017, 35, 5644-5652.	1.7	10
47	Clinical, immunological and bacteriological characteristics of H7N9 patients nosocomially co-infected by <i>Acinetobacter Baumannii</i> : a case control study. <i>BMC Infectious Diseases</i> , 2018, 18, 664.	1.3	8
48	Identification of a hotspot on PD-L1 for pH-dependent binding by monoclonal antibodies for tumor therapy. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 158.	7.1	8
49	Identification of NY-ESO-1157â€™165 Specific Murine T Cell Receptors With Distinct Recognition Pattern for Tumor Immunotherapy. <i>Frontiers in Immunology</i> , 2021, 12, 644520.	2.2	8
50	CTL immunogenicity of Rv3615c antigen and diagnostic performances of an ESAT-6/CFP-10/Rv3615c antigen cocktail for <i>Mycobacterium tuberculosis</i> infection. <i>Tuberculosis</i> , 2017, 107, 5-12.	0.8	5
51	Avian influenza viruses suppress innate immunity by inducing trans-transcriptional readthrough via SSU72. , 2022, 19, 702-714.		5
52	Atypical TNF-TNFR superfamily binding interface in the GITR-GITRL complex for T cell activation. <i>Cell Reports</i> , 2021, 36, 109734.	2.9	3
53	Reply to â€™Nuclear Export Signal and Immunodominant CD8+T Cell Epitope in Influenza A Virus Matrix Protein 1â€™. <i>Journal of Virology</i> , 2012, 86, 10259-10260.	1.5	1
54	Pneumonia Severity and Phase Linked to Virus-Specific T Cell Responses with Distinct Immune Checkpoints during pH1N1 Infection. <i>Journal of Immunology</i> , 2022, , j12101021.	0.4	0