

Yi-Cheng Guo

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

6,173
citations

331670

21
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377865

34
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all docs

54
docs citations

54
times ranked

9027
citing authors

#	ARTICLE	IF	CITATIONS
1	A monoclonal antibody that neutralizes SARS-CoV-2 variants, SARS-CoV, and other sarbecoviruses. <i>Emerging Microbes and Infections</i> , 2022, 11, 147-157.	6.5	25
2	Cryo-EM structure of the SARS-CoV-2 Omicron spike. <i>Cell Reports</i> , 2022, 38, 110428.	6.4	82
3	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> , 2022, 602, 676-681.	27.8	1,038
4	Antibody evasion properties of SARS-CoV-2 Omicron sublineages. <i>Nature</i> , 2022, 604, 553-556.	27.8	649
5	<i>BRN2</i> as a key gene drives the early primate telencephalon development. <i>Science Advances</i> , 2022, 8, eabl7263.	10.3	3
6	An antibody class with a common CDRH3 motif broadly neutralizes sarbecoviruses. <i>Science Translational Medicine</i> , 2022, 14, eabn6859.	12.4	31
7	Functional properties of the spike glycoprotein of the emerging SARS-CoV-2 variant B.1.1.529. <i>Cell Reports</i> , 2022, 39, 110924.	6.4	20
8	Antibody evasion by SARS-CoV-2 Omicron subvariants BA.2.12.1, BA.4 and BA.5. <i>Nature</i> , 2022, 608, 603-608.	27.8	541
9	Antibody resistance of SARS-CoV-2 variants B.1.351 and B.1.1.7. <i>Nature</i> , 2021, 593, 130-135.	27.8	1,904
10	Modular basis for potent SARS-CoV-2 neutralization by a prevalent VH1-2-derived antibody class. <i>Cell Reports</i> , 2021, 35, 108950.	6.4	54
11	Rare variant analysis of 4241 pulmonary arterial hypertension cases from an international consortium implicates FBLN2, PDGFD, and rare de novo variants in PAH. <i>Genome Medicine</i> , 2021, 13, 80.	8.2	43
12	Potent SARS-CoV-2 neutralizing antibodies directed against spike N-terminal domain target a single supersite. <i>Cell Host and Microbe</i> , 2021, 29, 819-833.e7.	11.0	444
13	Structural basis for accommodation of emerging B.1.351 and B.1.1.7 variants by two potent SARS-CoV-2 neutralizing antibodies. <i>Structure</i> , 2021, 29, 655-663.e4.	3.3	52
14	Neutralizing antibody 5-7 defines a distinct site of vulnerability in SARS-CoV-2 spike N-terminal domain. <i>Cell Reports</i> , 2021, 37, 109928.	6.4	52
15	Structural Basis of Antibody Conformation and Stability Modulation by Framework Somatic Hypermutation. <i>Frontiers in Immunology</i> , 2021, 12, 811632.	4.8	3
16	VRC34-Antibody Lineage Development Reveals How a Required Rare Mutation Shapes the Maturation of a Broad HIV-Neutralizing Lineage. <i>Cell Host and Microbe</i> , 2020, 27, 531-543.e6.	11.0	23
17	VSV-Displayed HIV-1 Envelope Identifies Broadly Neutralizing Antibodies Class-Switched to IgG and IgA. <i>Cell Host and Microbe</i> , 2020, 27, 963-975.e5.	11.0	23
18	Next-Generation Sequencing Analysis of Cellular Response to Influenza B Virus Infection. <i>Viruses</i> , 2020, 12, 383.	3.3	3

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19	Tumoral PD-1hiCD8+ T cells are partially exhausted and predict favorable outcome in triple-negative breast cancer. <i>Clinical Science</i> , 2020, 134, 711-726.	4.3	20
20	Antibody Lineages with Vaccine-Induced Antigen-Binding Hotspots Develop Broad HIV Neutralization. <i>Cell</i> , 2019, 178, 567-584.e19.	28.9	106
21	cAb-Rep: A Database of Curated Antibody Repertoires for Exploring Antibody Diversity and Predicting Antibody Prevalence. <i>Frontiers in Immunology</i> , 2019, 10, 2365.	4.8	67
22	Prolonged evolution of the memory B cell response induced by a replicating adenovirus-influenza H5 vaccine. <i>Science Immunology</i> , 2019, 4, .	11.9	40
23	Insights into Body Size Evolution: A Comparative Transcriptome Study on Three Species of Asian Sisoridae Catfish. <i>International Journal of Molecular Sciences</i> , 2019, 20, 944.	4.1	4
24	Identification of metabolism-associated genes and pathways involved in different stages of clear cell renal cell carcinoma. <i>Oncology Letters</i> , 2018, 15, 2316-2322.	1.8	24
25	Low expression of aging-related NRXN3 is associated with Alzheimer disease. <i>Medicine (United States)</i> , 2018, 97, e11343.	1.0	27
26	De novo variants in congenital diaphragmatic hernia identify MYRF as a new syndrome and reveal genetic overlaps with other developmental disorders. <i>PLoS Genetics</i> , 2018, 14, e1007822.	3.5	79
27	A new method of identifying glioblastoma subtypes and creation of corresponding animal models. <i>Oncogene</i> , 2018, 37, 4781-4791.	5.9	6
28	The identification and molecular mechanism of anti-stroke traditional Chinese medicinal compounds. <i>Scientific Reports</i> , 2017, 7, 41406.	3.3	14
29	Meta-Analysis of Parkinson's Disease and Alzheimer's Disease Revealed Commonly Impaired Pathways and Dysregulation of NRF2-Dependent Genes. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1525-1539.	2.6	77
30	Comprehensive tissue-specific gene set enrichment analysis and transcription factor analysis of breast cancer by integrating 14 gene expression datasets. <i>Oncotarget</i> , 2017, 8, 6775-6786.	1.8	26
31	In silico identification of anti-cancer compounds and plants from traditional Chinese medicine database. <i>Scientific Reports</i> , 2016, 6, 25462.	3.3	39
32	Independent Evolution of Winner Traits without Whole Genome Duplication in <i>Dekkera</i> Yeasts. <i>PLoS ONE</i> , 2016, 11, e0155140.	2.5	6
33	Integrated analysis of ischemic stroke datasets revealed sex and age difference in anti-stroke targets. <i>PeerJ</i> , 2016, 4, e2470.	2.0	22
34	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> , 0, , .	27.8	72