

# Wei Xiong

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,799  
citations

394421

19  
h-index

361022

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2778  
citing authors

#	ARTICLE	IF	CITATIONS
1	RAR $\beta$ activation sensitizes human myeloma cells to carfilzomib treatment through the OAS-RNase L innate immune pathway. <i>Blood</i> , 2022, 139, 59-72.	1.4	6
2	Development of a TCR-like antibody and chimeric antigen receptor against NY-ESO-1/HLA-A2 for cancer immunotherapy. , 2022, 10, e004035.		17
3	In vitro machine learning-based CAR T immunological synapse quality measurements correlate with patient clinical outcomes. <i>PLoS Computational Biology</i> , 2022, 18, e1009883.	3.2	15
4	IL-9/STAT3/fatty acid oxidation-mediated lipid peroxidation contributes to Tc9 cell longevity and enhanced antitumor activity. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	33
5	A novel role of lysophosphatidic acid (LPA) in human myeloma resistance to proteasome inhibitors. <i>Journal of Hematology and Oncology</i> , 2022, 15, 55.	17.0	2
6	Potent Bispecific Neutralizing Antibody Targeting Glycoprotein B and the gH/gL/pUL128/130/131 Complex of Human Cytomegalovirus. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	10
7	Chemical generation of small molecule-based bispecific antibody-drug conjugates for broadening the target scope. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 32, 116013.	3.0	7
8	Inhibition of astrocyte hemichannel improves recovery from spinal cord injury. <i>JCI Insight</i> , 2021, 6, .	5.0	17
9	Antibody-drug conjugates with dual payloads for combating breast tumor heterogeneity and drug resistance. <i>Nature Communications</i> , 2021, 12, 3528.	12.8	108
10	Nasal delivery of an IgM offers broad protection from SARS-CoV-2 variants. <i>Nature</i> , 2021, 595, 718-723.	27.8	128
11	A conditionally replication-defective cytomegalovirus vaccine elicits potent and diverse functional monoclonal antibodies in a phase I clinical trial. <i>Npj Vaccines</i> , 2021, 6, 79.	6.0	19
12	Tumour DDR1 promotes collagen fibre alignment to instigate immune exclusion. <i>Nature</i> , 2021, 599, 673-678.	27.8	139
13	Enhanced CAR-T activity against established tumors by polarizing human T cells to secrete interleukin-9. <i>Nature Communications</i> , 2020, 11, 5902.	12.8	55
14	Recognition of a highly conserved glycoprotein B epitope by a bivalent antibody neutralizing HCMV at a post-attachment step. <i>PLoS Pathogens</i> , 2020, 16, e1008736.	4.7	17
15	Efficacy of anti-CD147 chimeric antigen receptors targeting hepatocellular carcinoma. <i>Nature Communications</i> , 2020, 11, 4810.	12.8	95
16	Title is missing!. , 2020, 16, e1008736.		0
17	Title is missing!. , 2020, 16, e1008736.		0
18	Title is missing!. , 2020, 16, e1008736.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 16, e1008736.		0
20	Identification of adipocyte plasma membrane-associated protein as a novel modulator of human cytomegalovirus infection. PLoS Pathogens, 2019, 15, e1007914.	4.7	13
21	Partial Leptin Reduction as an Insulin Sensitization and Weight Loss Strategy. Cell Metabolism, 2019, 30, 706-719.e6.	16.2	179
22	Human endotrophin as a driver of malignant tumor growth. JCI Insight, 2019, 4, .	5.0	48
23	Immunological Synapse Predicts Effectiveness of Chimeric Antigen Receptor Cells. Molecular Therapy, 2018, 26, 963-975.	8.2	108
24	The dioxygenase GIM2 functions in seed germination by altering gibberellin production in <i>Arabidopsis</i> . Journal of Integrative Plant Biology, 2018, 60, 276-291.	8.5	24
25	Glutamic acid-valine-citrulline linkers ensure stability and efficacy of antibody-drug conjugates in mice. Nature Communications, 2018, 9, 2512.	12.8	119
26	Chimeric antigen receptor (CAR)-modified natural killer cell-based immunotherapy and immunological synapse formation in cancer and HIV. Protein and Cell, 2017, 8, 861-877.	11.0	53
27	Differential Effects of EGFL6 on Tumor versus Wound Angiogenesis. Cell Reports, 2017, 21, 2785-2795.	6.4	32
28	Inhibition of the B7-H3 immune checkpoint limits tumor growth by enhancing cytotoxic lymphocyte function. Cell Research, 2017, 27, 1034-1045.	12.0	259
29	Cloning and characterization of UL34 gene of pseudorabies virus HB isolate. Wuhan University Journal of Natural Sciences, 2017, 22, 233-238.	0.4	0
30	Alterations in expression levels of genes in p53-related pathways determined using RNA-Seq analysis in patients with breast cancer following CIK therapy. Oncology Letters, 2017, 14, 7917-7922.	1.8	3
31	Active evolution of memory B-cells specific to viral gH/gL/pUL128/130/131 pentameric complex in healthy subjects with silent human cytomegalovirus infection. Oncotarget, 2017, 8, 73654-73669.	1.8	28
32	LGR5-Targeted Antibody-Drug Conjugate Eradicates Gastrointestinal Tumors and Prevents Recurrence. Molecular Cancer Therapeutics, 2016, 15, 1580-1590.	4.1	89
33	RopGEF2 is involved in ABA-suppression of seed germination and post-germination growth of <i>Arabidopsis</i> . Plant Journal, 2015, 84, 886-899.	5.7	23
34	Vinexin Î <sup>2</sup> Interacts with Hepatitis C Virus NS5A, Modulating Its Hyperphosphorylation To Regulate Viral Propagation. Journal of Virology, 2015, 89, 7385-7400.	3.4	6
35	A cyovirus VP5 displays the RNA chaperone-like activity that destabilizes RNA helices and accelerates strand annealing. Nucleic Acids Research, 2014, 42, 2538-2554.	14.5	21
36	Cryo-EM structures of two bovine adenovirus type 3 intermediates. Virology, 2014, 450-451, 174-181.	2.4	31

#	ARTICLE	IF	CITATIONS
37	Characterization of conserved microRNAs from five different cucurbit species using computational and experimental analysis. <i>Biochimie</i> , 2014, 102, 137-144.	2.6	14
38	Phaseoloideside E, a Novel Natural Triterpenoid Saponin Identified From <i>Entada phaseoloides</i> , Induces Apoptosis in Ec-109 Esophageal Cancer Cells Through Reactive Oxygen Species Generation. <i>Journal of Pharmacological Sciences</i> , 2013, 122, 163-175.	2.5	31
39	Concept of operations for a regional telemedicine hub to improve medical emergency response. , 2009, , .		3
40	An approximation for multi-server queues with deterministic renegeing times. <i>Annals of Operations Research</i> , 2009, 172, 143-151.	4.1	31
41	Can modeling of HIV treatment processes improve outcomes? Capitalizing on an operations research approach to the global pandemic. <i>BMC Health Services Research</i> , 2008, 8, 166.	2.2	12
42	Hospital "Self-Prophylaxis" Strategies for Efficient Protection of the Workforce in the Face of Infectious Disease Threats. <i>Infection Control and Hospital Epidemiology</i> , 2007, 28, 618-621.	1.8	4