

Xu Zhang

List of Publications by Year in Descending Order

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78
papers

2,789
citations

21
h-index

52
g-index

80
ext. papers

3,618
ext. citations

10.2
avg, IF

4.99
L-index

#	Paper	IF	Citations
78	USP10 regulates B cell response to SARS-CoV-2 or HIV-1 nanoparticle vaccines through deubiquitinating AID.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 7	21	4
77	Development of Receptor Binding Domain (RBD)-Conjugated Nanoparticle Vaccines with Broad Neutralization against SARS-CoV-2 Delta and Other Variants.. <i>Advanced Science</i> , 2022 , e2105378	13.6	1
76	In Situ Fabrication and Perfusion of Tissue-Engineered Blood Vessel Microphysiological System. <i>Methods in Molecular Biology</i> , 2022 , 2375, 77-90	1.4	1
75	Chemical reprogramming of human somatic cells to pluripotent stem cells.. <i>Nature</i> , 2022 ,	50.4	13
74	Glycopeptide Antibiotic Teicoplanin Inhibits Cell Entry of SARS-CoV-2 by Suppressing the Proteolytic Activity of Cathepsin L.. <i>Frontiers in Microbiology</i> , 2022 , 13, 884034	5.7	1
73	DIPG-45. Radiation induces a robust interferon response in Diffuse Midline Glioma (DMG), improving the potential for combination immunotherapy. <i>Neuro-Oncology</i> , 2022 , 24, i28-i29	1	
72	DIPG-57. A systems biology approach to defining and targeting master regulator dependencies from bulk and single-Cell RNA-seq in diffuse midline glioma (DMG). <i>Neuro-Oncology</i> , 2022 , 24, i31-i32	1	
71	MODL-24. Focused ultrasound-mediated blood-brain barrier opening and panobinostat in a thalamic syngeneic murine DMG model is feasible and safe.. <i>Neuro-Oncology</i> , 2022 , 24, i174-i174	1	
70	MODL-25. Radiation and focused ultrasound-mediated blood-brain barrier opening for DMG: safety and feasibility of combinatorial therapy. <i>Neuro-Oncology</i> , 2022 , 24, i174-i174	1	
69	A bivalent nanoparticle vaccine exhibits potent cross-protection against the variants of SARS-CoV-2.. <i>Cell Reports</i> , 2021 , 110256	10.6	2
68	91 Impact of ultra-fast FLASH-radiotherapy on single cell immunogenomics in diffuse intrinsic pontine glioma (DIPG) 2021 , 9, A100-A100		0
67	Histone chaperone CAF-1 promotes HIV-1 latency by leading the formation of phase-separated suppressive nuclear bodies. <i>EMBO Journal</i> , 2021 , 40, e106632	13	8
66	Briarane-type diterpenoids suppress osteoclastogenesis by regulation of Nrf2 and MAPK/NF-kB signaling pathway. <i>Bioorganic Chemistry</i> , 2021 , 112, 104976	5.1	5
65	The ORF8 protein of SARS-CoV-2 mediates immune evasion through down-regulating MHC-II <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	112
64	Focused Ultrasound-Mediated Blood-Brain Barrier Opening Increases Delivery and Efficacy of Etoposide for Glioblastoma Treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 539-550	4	13
63	Value of baseline and end of chemotherapy F-FDG PET/CT in pediatric patients with Burkitt lymphoma. <i>Leukemia and Lymphoma</i> , 2021 , 62, 2873-2881	1.9	0
62	EPCT-23 PRE-CLINICAL STUDY OF FOCUSED ULTRASOUND-MEDIATED BLOOD-BRAIN BARRIER OPENING AND PANOBINOSTAT FOR DIFFUSE INTRINSIC PONTINE GLIOMA TREATMENT. <i>Neuro-Oncology</i> , 2021 , 23, i52-i52	1	78

61	Improvement of a SARS-CoV-2 vaccine by enhancing the conjugation efficiency of the immunogen to self-assembled nanoparticles. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 2042-2044	15.4	2
60	Engineering a Reliable and Convenient SARS-CoV-2 Replicon System for Analysis of Viral RNA Synthesis and Screening of Antiviral Inhibitors. <i>MBio</i> , 2021 , 12,	7.8	10
59	One-Step Generation of Aqueous-Droplet-Filled Hydrogel Fibers as Organoid Carriers Using an All-in-Water Microfluidic System. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 3199-3208	9.5	10
58	Brd4 Regulates the Homeostasis of CD8 T-Lymphocytes and Their Proliferation in Response to Antigen Stimulation. <i>Frontiers in Immunology</i> , 2021 , 12, 728082	8.4	1
57	Broadly neutralizing antibody-derived CAR T cells reduce viral reservoir in individuals infected with HIV-1. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	5
56	Optical Cell Tagging for Spatially Resolved Single-Cell RNA Sequencing.. <i>Angewandte Chemie - International Edition</i> , 2021 , e202113929	16.4	0
55	PIWIL4 Maintains HIV-1 Latency by Enforcing Epigenetically Suppressive Modifications on the 5' Long Terminal Repeat. <i>Journal of Virology</i> , 2020 , 94,	6.6	3
54	In situ conversion of rose bengal microbubbles into nanoparticles for ultrasound imaging guided sonodynamic therapy with enhanced antitumor efficacy. <i>Biomaterials Science</i> , 2020 , 8, 2526-2536	7.4	19
53	Two waves of pro-inflammatory factors are released during the influenza A virus (IAV)-driven pulmonary immunopathogenesis. <i>PLoS Pathogens</i> , 2020 , 16, e1008334	7.6	19
52	X4-Tropic Latent HIV-1 Is Enriched in Peripheral Follicular Helper T Cells and Is Correlated with Disease Progression. <i>Journal of Virology</i> , 2020 , 94,	6.6	5
51	Flexible Generation of Multi-Aqueous Core Hydrogel Capsules Using Microfluidic Aqueous Two-Phase System. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000045	6.8	7
50	Vascular Microphysiological Systems to Model Diseases. <i>Cell & Gene Therapy Insights</i> , 2020 , 6, 93-102	2.3	2
49	Recovered COVID-19 patients with recurrent viral RNA exhibit lower levels of anti-RBD antibodies. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 1098-1100	15.4	10
48	Nanoparticle Vaccines Based on the Receptor Binding Domain (RBD) and Heptad Repeat (HR) of SARS-CoV-2 Elicit Robust Protective Immune Responses. <i>Immunity</i> , 2020 , 53, 1315-1330.e9	32.3	99
47	Modeling early stage atherosclerosis in a primary human vascular microphysiological system. <i>Nature Communications</i> , 2020 , 11, 5426	17.4	14
46	Two waves of pro-inflammatory factors are released during the influenza A virus (IAV)-driven pulmonary immunopathogenesis 2020 , 16, e1008334		
45	Two waves of pro-inflammatory factors are released during the influenza A virus (IAV)-driven pulmonary immunopathogenesis 2020 , 16, e1008334		
44	Two waves of pro-inflammatory factors are released during the influenza A virus (IAV)-driven pulmonary immunopathogenesis 2020 , 16, e1008334		

43	Two waves of pro-inflammatory factors are released during the influenza A virus (IAV)-driven pulmonary immunopathogenesis 2020 , 16, e1008334		
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41	Two waves of pro-inflammatory factors are released during the influenza A virus (IAV)-driven pulmonary immunopathogenesis 2020 , 16, e1008334		
40	Two waves of pro-inflammatory factors are released during the influenza A virus (IAV)-driven pulmonary immunopathogenesis 2020 , 16, e1008334		
39	Two waves of pro-inflammatory factors are released during the influenza A virus (IAV)-driven pulmonary immunopathogenesis 2020 , 16, e1008334		
38	Chromatin Assembly Factor 1 (CAF-1) facilitates the establishment of facultative heterochromatin during pluripotency exit. <i>Nucleic Acids Research</i> , 2019 , 47, 11114-11131	20.1	18
37	CUL7 E3 Ubiquitin Ligase Mediates the Degradation of Activation-Induced Cytidine Deaminase and Regulates the Ig Class Switch Recombination in B Lymphocytes. <i>Journal of Immunology</i> , 2019 , 203, 269-281	5.3	8
36	Highly stable near-infrared dye conjugated cerasomes for fluorescence imaging-guided synergistic chemo-photothermal therapy of colorectal cancer. <i>Biomaterials Science</i> , 2019 , 7, 2873-2888	7.4	8
35	IL-21 Expands HIV-1-Specific CD8 T Memory Stem Cells to Suppress HIV-1 Replication In Vitro. <i>Journal of Immunology Research</i> , 2019 , 2019, 1801560	4.5	4
34	ABA inhibits myristoylation and induces shuttling of the RGLG1 E3 ligase to promote nuclear degradation of PP2CA. <i>Plant Journal</i> , 2019 , 98, 813-825	6.9	31
33	Host-Guest Polypyrrole Nanocomplex for Three-Stimuli-Responsive Drug Delivery and Imaging-Guided Chemo-Photothermal Synergetic Therapy of Refractory Thyroid Cancer. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900661	10.1	18
32	The -methyladenosine (m ⁶ A)-forming enzyme METTL3 facilitates M1 macrophage polarization through the methylation of mRNA. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 317, C762-C775	5.4	64
31	Advances in Hydrogels in Organoids and Organs-on-a-Chip. <i>Advanced Materials</i> , 2019 , 31, e1902042	24	130
30	The MATH-BTB BPM3 and BPM5 subunits of Cullin3-RING E3 ubiquitin ligases target PP2CA and other clade A PP2Cs for degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15725-15734	11.5	38
29	TRIM28 promotes HIV-1 latency by SUMOylating CDK9 and inhibiting P-TEFb. <i>ELife</i> , 2019 , 8,	8.9	34
28	Preferential Homing of Tumor-specific and Functional CD8 ⁺ Stem Cell-like Memory T Cells to the Bone Marrow. <i>Journal of Immunotherapy</i> , 2019 , 42, 197-207	5	3
27	Oncohistone Mutations in Diffuse Intrinsic Pontine Glioma. <i>Trends in Cancer</i> , 2019 , 5, 799-808	12.5	4
26	A Cellular MicroRNA Facilitates Regulatory T Lymphocyte Development by Targeting the Promoter TATA-Box Motif. <i>Journal of Immunology</i> , 2018 , 200, 1053-1063	5.3	28

25	Non-coding RNAs and retroviruses. <i>Retrovirology</i> , 2018 , 15, 20	3.6	14
24	A system to monitor statin-induced myopathy in individual engineered skeletal muscle myobundles. <i>Lab on A Chip</i> , 2018 , 18, 2787-2796	7.2	13
23	CHAF1B Overexpression: A Brake for the Differentiation of Leukemia Cells. <i>Cancer Cell</i> , 2018 , 34, 693-694	4.3	2
22	Direct Reprogramming of Fibroblasts via a Chemically Induced XEN-like State. <i>Cell Stem Cell</i> , 2017 , 21, 264-273.e7	18	55
21	Activatable near infrared dye conjugated hyaluronic acid based nanoparticles as a targeted theranostic agent for enhanced fluorescence/CT/photoacoustic imaging guided photothermal therapy. <i>Biomaterials</i> , 2017 , 132, 72-84	15.6	88
20	Combinational therapy of crizotinib and afatinib for malignant pleural mesothelioma. <i>American Journal of Cancer Research</i> , 2017 , 7, 203-217	4.4	4
19	Ubiquitin Ligases RGLG1 and RGLG5 Regulate Abscisic Acid Signaling by Controlling the Turnover of Phosphatase PP2CA. <i>Plant Cell</i> , 2016 , 28, 2178-2196	11.6	69
18	Chimeric Antigen Receptor T Cells Guided by the Single-Chain Fv of a Broadly Neutralizing Antibody Specifically and Effectively Eradicate Virus Reactivated from Latency in CD4+ T Lymphocytes Isolated from HIV-1-Infected Individuals Receiving Suppressive Combined Antiretroviral Therapy. <i>Journal of Virology</i> , 2016 , 90, 9712-9724	6.6	56
17	IL-4 Inhibits the Biogenesis of an Epigenetically Suppressive PIWI-Interacting RNA To Upregulate CD1a Molecules on Monocytes/Dendritic Cells. <i>Journal of Immunology</i> , 2016 , 196, 1591-603	5.3	52
16	The Histone Chaperone FACT Contributes to DNA Replication-Coupled Nucleosome Assembly. <i>Cell Reports</i> , 2016 , 14, 1128-1141	10.6	56
15	Pluripotent stem cells induced from mouse neural stem cells and small intestinal epithelial cells by small molecule compounds. <i>Cell Research</i> , 2016 , 26, 34-45	24.7	45
14	Finasteride Enhances the Generation of Human Myeloid-Derived Suppressor Cells by Up-Regulating the COX2/PGE2 Pathway. <i>PLoS ONE</i> , 2016 , 11, e0156549	3.7	8
13	Anti-cancer drug 3,3'-diindolylmethane activates Wnt4 signaling to enhance gastric cancer cell stemness and tumorigenesis. <i>Oncotarget</i> , 2016 , 7, 16311-24	3.3	17
12	Characteristic amino acid changes of influenza A(H1N1)pdm09 virus PA protein enhance A(H7N9) viral polymerase activity. <i>Virus Genes</i> , 2016 , 52, 346-53	2.3	4
11	Interleukin 7 up-regulates CD95 protein on CD4+ T cells by affecting mRNA alternative splicing: priming for a synergistic effect on HIV-1 reservoir maintenance. <i>Journal of Biological Chemistry</i> , 2015 , 290, 35-45	5.4	17
10	Hijacking of the jasmonate pathway by the mycotoxin fumonisin B1 (FB1) to initiate programmed cell death in Arabidopsis is modulated by RGLG3 and RGLG4. <i>Journal of Experimental Botany</i> , 2015 , 66, 2709-21	7	20
9	Prognostic significance of the pN classification supplemented by body mass index for esophageal squamous cell carcinoma. <i>Thoracic Cancer</i> , 2015 , 6, 765-71	3.2	8
8	Complementary Roles of Squamous Cell Carcinoma Antigen and (18)F-FDG PET/CT in Suspected Recurrence of Cervical Squamous Cell Cancer. <i>Journal of Cancer</i> , 2015 , 6, 287-91	4.5	11

7	Effect of ceritinib (LDK378) on enhancement of chemotherapeutic agents in ABCB1 and ABCG2 overexpressing cells in vitro and in vivo. <i>Oncotarget</i> , 2015 , 6, 44643-59	3.3	26
6	A XEN-like State Bridges Somatic Cells to Pluripotency during Chemical Reprogramming. <i>Cell</i> , 2015 , 163, 1678-91	56.2	144
5	Effect of HM910, a novel camptothecin derivative, on the inhibition of multiple myeloma cell growth in vitro and in vivo. <i>American Journal of Cancer Research</i> , 2015 , 5, 1000-16	4.4	5
4	Pluripotent stem cells induced from mouse somatic cells by small-molecule compounds. <i>Science</i> , 2013 , 341, 651-4	33.3	967
3	Two novel RING-type ubiquitin ligases, RGLG3 and RGLG4, are essential for jasmonate-mediated responses in Arabidopsis. <i>Plant Physiology</i> , 2012 , 160, 808-22	6.6	27
2	RGLG3 and RGLG4, novel ubiquitin ligases modulating jasmonate signaling. <i>Plant Signaling and Behavior</i> , 2012 , 7, 1709-11	2.5	2
1	Generation of iPSCs from mouse fibroblasts with a single gene, Oct4, and small molecules. <i>Cell Research</i> , 2011 , 21, 196-204	24.7	247