Qingfeng Chen

List of Publications by Year
in descending order

67 papers	3,988 citations	136950 32 h-index	128289 60 g-index
70 all docs	70 docs citations	70 times ranked	7940 citing authors

#	Article	IF	Citations
1	Mapping the human DC lineage through the integration of high-dimensional techniques. Science, 2017, 356, .	12.6	429
2	Interaction between tumour-infiltrating B cells and T cells controls the progression of hepatocellular carcinoma. Gut, 2017, 66, 342-351.	12.1	359
3	Efficient Endoderm Induction from Human Pluripotent Stem Cells by Logically Directing Signals Controlling Lineage Bifurcations. Cell Stem Cell, 2014, 14, 237-252.	11.1	325
4	Expression of human cytokines dramatically improves reconstitution of specific human-blood lineage cells in humanized mice. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21783-21788.	7.1	251
5	Generation of Human PSC-Derived Kidney Organoids with Patterned Nephron Segments and a De Novo Vascular Network. Cell Stem Cell, 2019, 25, 373-387.e9.	11.1	219
6	A Roadmap for Human Liver Differentiation from Pluripotent Stem Cells. Cell Reports, 2018, 22, 2190-2205.	6.4	145
7	Development of a new patient-derived xenograft humanised mouse model to study human-specific tumour microenvironment and immunotherapy. Gut, 2018, 67, 1845-1854.	12.1	134
8	CXCR4 identifies transitional bone marrow premonocytes that replenish the mature monocyte pool for peripheral responses. Journal of Experimental Medicine, 2016, 213, 2293-2314.	8.5	108
9	Opposing activities of the <scp>R</scp> as and <scp>H</scp> ippo pathways converge on regulation of <scp>YAP</scp> protein turnover. EMBO Journal, 2014, 33, 2447-2457.	7.8	102
10	Addressing Drug Resistance in Cancer with Macromolecular Chemotherapeutic Agents. Journal of the American Chemical Society, 2018, 140, 4244-4252.	13.7	100
11	GM-CSF and IL-4 Stimulate Antibody Responses in Humanized Mice by Promoting T, B, and Dendritic Cell Maturation. Journal of Immunology, 2012, 189, 5223-5229.	0.8	96
12	Targeted elimination of mutant mitochondrial DNA in MELAS-iPSCs by mitoTALENs. Protein and Cell, 2018, 9, 283-297.	11.0	96
13	Humanized Mice as Unique Tools for Human-Specific Studies. Archivum Immunologiae Et Therapiae Experimentalis, 2018, 66, 245-266.	2.3	84
14	Engineering humanized mice for improved hematopoietic reconstitution. Cellular and Molecular Immunology, 2012, 9, 215-224.	10.5	79
15	Inhibition of Megakaryocyte Development in the Bone Marrow Underlies Dengue Virus-Induced Thrombocytopenia in Humanized Mice. Journal of Virology, 2013, 87, 11648-11658.	3.4	78
16	De novo reconstruction of human adipose transcriptome reveals conserved lncRNAs as regulators of brown adipogenesis. Nature Communications, 2018, 9, 1329.	12.8	69
17	Human natural killer cells control <i>Plasmodium falciparum</i> infection by eliminating infected red blood cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1479-1484.	7.1	67
18	Mesenchymal Stem Cells Secreting Angiopoietin-Like-5 Support Efficient Expansion of Human Hematopoietic Stem Cells Without Compromising Their Repopulating Potential. Stem Cells and Development, 2011, 20, 1371-1381.	2.1	61

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19	Uncovering the mystery of opposite circadian rhythms between mouse and human leukocytes in humanized mice. Blood, 2017, 130, 1995-2005.	1.4	59
20	CD4+ T Cells Mediate the Development of Liver Fibrosis in High Fat Diet-Induced NAFLD in Humanized Mice. Frontiers in Immunology, 2020, 11, 580968.	4.8	57
21	Intrahepatic CD206+ macrophages contribute to inflammation in advanced viral-related liver disease. Journal of Hepatology, 2017, 67, 490-500.	3.7	55
22	Microvesicles from malaria-infected red blood cells activate natural killer cells via MDA5 pathway. PLoS Pathogens, 2018, 14, e1007298.	4.7	54
23	Microstructured dextran hydrogels for burst-free sustained release of PEGylated protein drugs. Biomaterials, 2015, 63, 146-157.	11.4	52
24	Functional Comparison of Interferonâ€Î± Subtypes Reveals Potent Hepatitis B Virus Suppression by a Concerted Action of Interferonâ€Î± and Interferonâ€Î³ Signaling. Hepatology, 2021, 73, 486-502.	7.3	51
25	Dengue Virus-Infected Dendritic Cells, but Not Monocytes, Activate Natural Killer Cells through a Contact-Dependent Mechanism Involving Adhesion Molecules. MBio, 2017, 8, .	4.1	50
26	Hypoxia induces HIF1Î±-dependent epigenetic vulnerability in triple negative breast cancer to confer immune effector dysfunction and resistance to anti-PD-1 immunotherapy. Nature Communications, 2022, 13, .	12.8	48
27	Human Fetal Hepatic Progenitor Cells Are Distinct from, but Closely Related to, Hematopoietic Stem/Progenitor Cells. Stem Cells, 2013, 31, 1160-1169.	3.2	47
28	Differentiation of Club Cells to Alveolar Epithelial Cells In Vitro. Scientific Reports, 2017, 7, 41661.	3.3	44
29	Induction of Functional Human Macrophages from Bone Marrow Promonocytes by M-CSF in Humanized Mice. Journal of Immunology, 2013, 191, 3192-3199.	0.8	42
30	Liver fibrosis and CD206+ macrophage accumulation are suppressed by anti-GM-CSF therapy. JHEP Reports, 2020, 2, 100062.	4.9	42
31	Viral Small T Oncoproteins Transform Cells by Alleviating Hippo-Pathway-Mediated Inhibition of the YAP Proto-oncogene. Cell Reports, 2014, 8, 707-713.	6.4	36
32	Characterisation of liver pathogenesis, human immune responses and drug testing in a humanised mouse model of HCV infection. Gut, 2016, 65, 1744-1753.	12.1	34
33	A Novel Human Systemic Lupus Erythematosus Model in Humanised Mice. Scientific Reports, 2017, 7, 16642.	3.3	33
34	Cancer Immunotherapies and Humanized Mouse Drug Testing Platforms. Translational Oncology, 2019, 12, 987-995.	3.7	32
35	Establishment and Characterization of Humanized Mouse NPC-PDX Model for Testing Immunotherapy. Cancers, 2020, 12, 1025.	3.7	30
36	A humanized mouse model to study mast cells mediated cutaneous adverse drug reactions. Journal of Leukocyte Biology, 2020, 107, 797-807.	3.3	29

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37	De Novo Generated Human Red Blood Cells in Humanized Mice Support Plasmodium falciparum Infection. PLoS ONE, 2015, 10, e0129825.	2.5	27
38	Human CD34loCD133lo fetal liver cells support the expansion of human CD34hiCD133hi hematopoietic stem cells. Cellular and Molecular Immunology, 2016, 13, 605-614.	10.5	25
39	Serum Metabolomics Investigation of Humanized Mouse Model of Dengue Virus Infection. Journal of Virology, 2017, 91, .	3.4	25
40	Analysis and Validation of Human Targets and Treatments Using a Hepatocellular Carcinomaâ€"Immune Humanized Mouse Model. Hepatology, 2021, 74, 1395-1410.	7.3	25
41	Delineation of Natural Killer Cell Differentiation from Myeloid Progenitors in Human. Scientific Reports, 2015, 5, 15118.	3.3	24
42	Epigenetic promoter alterations in GI tumour immune-editing and resistance to immune checkpoint inhibition. Gut, 2022, 71, 1277-1288.	12.1	23
43	Therapeutic RNA silencing of Cys-X3-Cys chemokine ligand 1 gene prevents mice from adenovirus vector-induced acute liver injury. Hepatology, 2007, 47, 648-658.	7.3	22
44	Modeling Human Leukemia Immunotherapy in Humanized Mice. EBioMedicine, 2016, 10, 101-108.	6.1	19
45	Humanized Mouse Models for the Study of Infection and Pathogenesis of Human Viruses. Viruses, 2018, 10, 643.	3.3	19
46	Potential Applications and Perspectives of Humanized Mouse Models. Annual Review of Animal Biosciences, 2022, 10, 395-417.	7.4	18
47	An improved pre-clinical patient-derived liquid xenograft mouse model for acute myeloid leukemia. Journal of Hematology and Oncology, 2017, 10, 162.	17.0	17
48	Down-regulation of surface fractalkine by RNA interference in B16 melanoma reduced tumor growth in mice. Biochemical and Biophysical Research Communications, 2007, 364, 978-984.	2.1	16
49	Hepatitis C virus mediated chronic inflammation and tumorigenesis in the humanised immune system and liver mouse model. PLoS ONE, 2017, 12, e0184127.	2.5	16
50	Exometabolomic Analysis of Decidualizing Human Endometrial Stromal and Perivascular Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 626619.	3.7	14
51	Humanized Mouse Models for the Study of Hepatitis C and Host Interactions. Cells, 2019, 8, 604.	4.1	12
52	Preclinical Activity of Embryonic Annexin A2-Specific Chimeric Antigen Receptor T Cells Against Ovarian Cancer. International Journal of Molecular Sciences, 2020, 21, 381.	4.1	12
53	The hollow fiber bioreactor as a stromaâ€supported, serumâ€free ex vivo expansion platform for human umbilical cord blood cells. Biotechnology Journal, 2014, 9, 980-989.	3.5	11
54	Bat-mouse bone marrow chimera: a novel animal model for dissecting the uniqueness of the bat immune system. Scientific Reports, 2018, 8, 4726.	3.3	11

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55	Establishment of Humanized Mice for the Study of HBV. Frontiers in Immunology, 2021, 12, 638447.	4.8	10
56	Enterovirus A71 Infection Activates Human Immune Responses and Induces Pathological Changes in Humanized Mice. Journal of Virology, 2019, 93, .	3.4	9
57	Induction and Therapeutic Targeting of Human NPM1c+ Myeloid Leukemia in the Presence of Autologous Immune System in Mice. Journal of Immunology, 2019, 202, 1885-1894.	0.8	7
58	The niche for hematopoietic stem cell expansion: a collaboration network. Cellular and Molecular Immunology, 2017, 14, 865-867.	10.5	5
59	Selective expression of variant surface antigens enables Plasmodium falciparum to evade immune clearance in vivo. Nature Communications, 2022, 13, .	12.8	5
60	Development of A Sensitive and Specific Epitope-Blocking ELISA for Universal Detection of Antibodies to Human Enterovirus 71 Strains. PLoS ONE, 2013, 8, e55517.	2.5	4
61	Serial Transfer of Human Hematopoietic and Hepatic Stem/progenitor Cells. Bio-protocol, 2013, 3, .	0.4	4
62	Humanized Mouse as a Tool to Predict Immunotoxicity of Human Biologics. Frontiers in Immunology, 2020, 11, 553362.	4.8	3
63	Splice-Switching Antisense Oligonucleotides as a Targeted Intrinsic Engineering Tool for Generating Armored Redirected T Cells. Nucleic Acid Therapeutics, 2021, 31, 145-154.	3.6	3
64	Activation of human natural killer cells by recombinant membrane-expressed fractalkine on the surface of tumor cells. Oncology Reports, 2007, 17, 1371.	2.6	2
65	Isolation of CD34+ Cells from Human Fetal Liver and Cord Blood. Bio-protocol, 2013, 3, .	0.4	2
66	Novel Inhibitors of the Calcium-Activated K+ Channel KCa3.1 to Treat Non-Alcoholic Fatty Liver Disease and Liver Fibrosis. Biophysical Journal, 2019, 116, 249a.	0.5	0
67	Abstract 5060: Establishment and characterization of humanized mouse NPC-PDX model for testing immunotherapy. , 2020, , .		0