Hao Zhu

List of Publications by Year
in descending order

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		81900	102487
64	7,029	39	66
papers	citations	h-index	g-index

72	72	72	12102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Risk of Hepatocellular Carcinoma in Patients With Indeterminate (LI-RADS 3) Liver Observations. Clinical Gastroenterology and Hepatology, 2023, 21, 1091-1093.e3.	4.4	15
2	InÂvivo CRISPR screening identifies BAZ2 chromatin remodelers as druggable regulators of mammalian liver regeneration. Cell Stem Cell, 2022, 29, 372-385.e8.	11.1	18
3	Lenvatinib inhibits the growth of gastric cancer patient-derived xenografts generated from a heterogeneous population. Journal of Translational Medicine, 2022, 20, 116.	4.4	3
4	Enhancing CRISPR/Cas gene editing through modulating cellular mechanical properties for cancer therapy. Nature Nanotechnology, 2022, 17, 777-787.	31.5	80
5	Guanosine triphosphate links MYC-dependent metabolic and ribosome programs in small-cell lung cancer. Journal of Clinical Investigation, 2021, 131, .	8.2	33
6	Overcoming Expressional Drop-outs in Lineage Reconstruction from Single-Cell RNA-Sequencing Data. Cell Reports, 2021, 34, 108589.	6.4	13
7	A Malignant Case of Arrested Development: Cancer Cell Dormancy Mimics Embryonic Diapause. Cancer Cell, 2021, 39, 142-144.	16.8	11
8	Liver homeostasis is maintained by midlobular zone 2 hepatocytes. Science, 2021, 371, .	12.6	154
9	Response to correspondence on â€œReproducibility of CRISPR-Cas9 methods for generation of conditional mouse alleles: a multi-center evaluationâ€. Genome Biology, 2021, 22, 99.	8.8	4
10	High Neutrophilâ€“Lymphocyte Ratio and Delta Neutrophilâ€“Lymphocyte Ratio Are Associated with Increased Mortality in Patients with Hepatocellular Cancer. Digestive Diseases and Sciences, 2021, , 1.	2.3	8
11	Genetic and Cellular Contributions to Liver Regeneration. Cold Spring Harbor Perspectives in Biology, 2021, , a040832.	5.5	5
12	A targetable LIFRâ^'NF-Î¹Bâ^'LCN2 axis controls liver tumorigenesis and vulnerability to ferroptosis. Nature Communications, 2021, 12, 7333.	12.8	117
13	Translational Advances in Cancer Prevention Agent Development (TACPAD) Virtual Workshop on Immunomodulatory Agents: Report. Journal of Cancer Prevention, 2021, 26, 309-317.	2.0	1
14	Uncovering Biological Factors That Regulate Hepatocellular Carcinoma Growth Using Patientâ€Derived Xenograft Assays. Hepatology, 2020, 72, 1085-1101.	7.3	16
15	Immune Checkpoint Inhibition is Safe and Effective for Liver Cancer Prevention in a Mouse Model of Hepatocellular Carcinoma. Cancer Prevention Research, 2020, 13, 911-922.	1.5	20
16	Dual ARID1A/ARID1B loss leads to rapid carcinogenesis and disruptive redistribution of BAF complexes. Nature Cancer, 2020, 1, 909-922.	13.2	24
17	DNA Repair Gene Mutations as Predictors of Immune Checkpoint Inhibitor Response beyond Tumor Mutation Burden. Cell Reports Medicine, 2020, 1, 100034.	6.5	46
18	Hepatocellular Carcinoma Demonstrates Heterogeneous Growth Patterns in a Multicenter Cohort of Patients With Cirrhosis. Hepatology, 2020, 72, 1654-1665.	7.3	93

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19	Mice With Increased Numbers of Polyploid Hepatocytes Maintain Regenerative Capacity But Develop Fewer Hepatocellular Carcinomas Following Chronic Liver Injury. Gastroenterology, 2020, 158, 1698-1712.e14.	1.3	55
20	Hispanic/Latino Patients with Gastric Adenocarcinoma Have Distinct Molecular Profiles Including a High Rate of Germline CDH1 Variants. Cancer Research, 2020, 80, 2114-2124.	0.9	21
21	Efficacy and Safety of Bavituximab in Combination with Sorafenib in Advanced Hepatocellular Carcinoma: A Single-Arm, Open-Label, Phase II Clinical Trial. Targeted Oncology, 2019, 14, 541-550.	3.6	18
22	Reproducibility of CRISPR-Cas9 methods for generation of conditional mouse alleles: a multi-center evaluation. Genome Biology, 2019, 20, 171.	8.8	69
23	The origins and functions of hepatic polyploidy. Cell Cycle, 2019, 18, 1302-1315.	2.6	33
24	Mitotic regulators and the SHP2-MAPK pathway promote IR endocytosis and feedback regulation of insulin signaling. Nature Communications, 2019, 10, 1473.	12.8	71
25	Somatic Mutations Increase Hepatic Clonal Fitness and Regeneration in Chronic Liver Disease. Cell, 2019, 177, 608-621.e12.	28.9	167
26	Arid1a Loss Drives Nonalcoholic Steatohepatitis in Mice Through Epigenetic Dysregulation of Hepatic Lipogenesis and Fatty Acid Oxidation. Hepatology, 2019, 69, 1931-1945.	7.3	19
27	SWI/SNF component ARID1A restrains pancreatic neoplasia formation. Gut, 2019, 68, 1259-1270.	12.1	63
28	NLRP12 suppresses hepatocellular carcinoma via downregulation of cJun N-terminal kinase activation in the hepatocyte. ELife, 2019, 8, .	6.0	29
29	The Polyploid State Plays a Tumor-Suppressive Role in the Liver. Developmental Cell, 2018, 44, 447-459.e5.	7.0	125
30	Knockdown of Anillin Actin Binding Protein Blocks Cytokinesis in Hepatocytes and Reduces Liver Tumor Development in Mice Without Affecting Regeneration. Gastroenterology, 2018, 154, 1421-1434.	1.3	88
31	Dendrimerâ€Based Lipid Nanoparticles Deliver Therapeutic FAH mRNA to Normalize Liver Function and Extend Survival in a Mouse Model of Hepatorenal Tyrosinemia Type I. Advanced Materials, 2018, 30, e1805308.	21.0	136
32	Cytokinesis and the Hippo Pathway: New Molecular Links Between Intimate Partners. Gastroenterology, 2018, 155, 976-978.	1.3	2
33	Nonâ€Viral CRISPR/Cas Gene Editing In Vitro and In Vivo Enabled by Synthetic Nanoparticle Coâ€Delivery of Cas9 mRNA and sgRNA. Angewandte Chemie, 2017, 129, 1079-1083.	2.0	41
34	Nonâ€Viral CRISPR/Cas Gene Editing In Vitro and In Vivo Enabled by Synthetic Nanoparticle Coâ€Delivery of Cas9 mRNA and sgRNA. Angewandte Chemie - International Edition, 2017, 56, 1059-1063.	13.8	411
35	Vascular Invasion and Metastasis is Predictive of Outcome in Barcelona Clinic Liver Cancer Stage C Hepatocellular Carcinoma. Journal of the National Comprehensive Cancer Network: JNCCN, 2017, 15, 197-204.	4.9	31
36	Arid1a Has Context-Dependent Oncogenic and Tumor Suppressor Functions in Liver Cancer. Cancer Cell, 2017, 32, 574-589.e6.	16.8	172

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37	Arid1b haploinsufficient mice reveal neuropsychiatric phenotypes and reversible causes of growth impairment. ELife, 2017, 6, .	6.0	74
38	Sex-specific regulation of weight and puberty by the Lin28/let-7 axis. Journal of Endocrinology, 2016, 228, 179-191.	2.6	52
39	Suppression of the SWI/SNF Component Arid1a Promotes Mammalian Regeneration. Cell Stem Cell, 2016, 18, 456-466.	11.1	112
40	Modular degradable dendrimers enable small RNAs to extend survival in an aggressive liver cancer model. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 520-525.	7.1	125
41	Hepatic Arterial Infusion of Low-Density Lipoprotein Docosahexaenoic Acid Nanoparticles Selectively Disrupts Redox Balance in Hepatoma Cells and Reduces Growth of Orthotopic Liver Tumors in Rats. Gastroenterology, 2016, 150, 488-498.	1.3	51
42	A Variant in PNPLA3 Associated With Fibrosis Progression but not Hepatocellular Carcinoma in Patients With Hepatitis C Virus Infection. Clinical Gastroenterology and Hepatology, 2016, 14, 295-300.	4.4	31
43	Cutting short the path to murine liver cancer models. Hepatology, 2015, 61, 393-395.	7.3	1
44	LIN28 cooperates with WNT signaling to drive invasive intestinal and colorectal adenocarcinoma in mice and humans. Genes and Development, 2015, 29, 1074-1086.	5.9	92
45	Lin28 and let-7 in cell metabolism and cancer. Translational Pediatrics, 2015, 4, 4-11.	1.2	55
46	Precise let-7 expression levels balance organ regeneration against tumor suppression. ELife, 2015, 4, e09431.	6.0	53
47	TALEN-Mediated Somatic Mutagenesis in Murine Models of Cancer. Cancer Research, 2014, 74, 5311-5321.	0.9	26
48	Lin28b Is Sufficient to Drive Liver Cancer and Necessary for Its Maintenance in Murine Models. Cancer Cell, 2014, 26, 248-261.	16.8	176
49	Lin28 sustains early renal progenitors and induces Wilms tumor. Genes and Development, 2014, 28, 971-982.	5.9	149
50	Lin28 Enhances Tissue Repair by Reprogramming Cellular Metabolism. Cell, 2013, 155, 778-792.	28.9	322
51	Fetal Deficiency of Lin28 Programs Life-Long Aberrations in Growth and Glucose Metabolism. Stem Cells, 2013, 31, 1563-1573.	3.2	112
52	Influence of Threonine Metabolism on S -Adenosylmethionine and Histone Methylation. Science, 2013, 339, 222-226.	12.6	555
53	A network of heterochronic genes including Imp1 regulates temporal changes in stem cell properties. ELife, 2013, 2, e00924.	6.0	109
54	The Lin28/let-7 Axis Regulates Glucose Metabolism. Cell, 2011, 147, 81-94.	28.9	812

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55	Investigating monogenic and complex diseases with pluripotent stem cells. Nature Reviews Genetics, 2011, 12, 266-275.	16.3	101
56	Identification of adult nephron progenitors capable of kidney regeneration in zebrafish. Nature, 2011, 470, 95-100.	27.8	258
57	Lin28a transgenic mice manifest size and puberty phenotypes identified in human genetic association studies. Nature Genetics, 2010, 42, 626-630.	21.4	282
58	A role for Lin28 in primordial germ-cell development and germ-cell malignancy. Nature, 2009, 460, 909-913.	27.8	354
59	BMP signaling restricts hemato-vascular development from lateral mesoderm during somitogenesis. Development (Cambridge), 2006, 133, 2177-2187.	2.5	46
60	Analysis of thrombocyte development in CD41-GFP transgenic zebrafish. Blood, 2005, 106, 3803-3810.	1.4	341
61	Mutation in the transcriptional coactivator EYA4 causes dilated cardiomyopathy and sensorineural hearing loss. Nature Genetics, 2005, 37, 418-422.	21.4	197
62	Regulation of the lmo2 promoter during hematopoietic and vascular development in zebrafish. Developmental Biology, 2005, 281, 256-269.	2.0	95
63	Use of the DsRed Fluorescent Reporter in Zebrafish. Methods in Cell Biology, 2004, 76, 3-12.	1.1	10
64	Characterization of embryonic globin genes of the zebrafish. Developmental Biology, 2003, 255, 48-61.	2.0	150