

# Zan Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/298330/publications.pdf>

Version: 2024-02-01

80  
papers

3,215  
citations

136950

32  
h-index

168389

53  
g-index

84  
all docs

84  
docs citations

84  
times ranked

4834  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting CASP8 and FADD-like apoptosis regulator ameliorates nonalcoholic steatohepatitis in mice and nonhuman primates. <i>Nature Medicine</i> , 2017, 23, 439-449.	30.7	183
2	An ALOX12-12-HETE-GPR31 signaling axis is a key mediator of hepatic ischemia-reperfusion injury. <i>Nature Medicine</i> , 2018, 24, 73-83.	30.7	155
3	The deubiquitinating enzyme TNFAIP3 mediates inactivation of hepatic ASK1 and ameliorates nonalcoholic steatohepatitis. <i>Nature Medicine</i> , 2018, 24, 84-94.	30.7	145
4	The ubiquitin E3 ligase TRAF6 exacerbates pathological cardiac hypertrophy via TAK1-dependent signalling. <i>Nature Communications</i> , 2016, 7, 11267.	12.8	143
5	Identification of Regulators of Polyploidization Presents Therapeutic Targets for Treatment of AMKL. <i>Cell</i> , 2012, 150, 575-589.	28.9	136
6	Tmbim1 is a multivesicular body regulator that protects against non-alcoholic fatty liver disease in mice and monkeys by targeting the lysosomal degradation of Tlr4. <i>Nature Medicine</i> , 2017, 23, 742-752.	30.7	113
7	Intracellular Tat of Human Immunodeficiency Virus Type 1 Activates Lytic Cycle Replication of Kaposi's Sarcoma-Associated Herpesvirus: Role of JAK/STAT Signaling. <i>Journal of Virology</i> , 2007, 81, 2401-2417.	3.4	110
8	The deubiquitinating enzyme cylindromatosis mitigates nonalcoholic steatohepatitis. <i>Nature Medicine</i> , 2018, 24, 213-223.	30.7	104
9	IL-4 Induces Differentiation and Expansion of Th2 Cytokine-Producing Eosinophils. <i>Journal of Immunology</i> , 2004, 172, 2059-2066.	0.8	97
10	Low-Dose Sorafenib Acts as a Mitochondrial Uncoupler and Ameliorates Nonalcoholic Steatohepatitis. <i>Cell Metabolism</i> , 2020, 31, 892-908.e11.	16.2	92
11	Graded repression of PU.1/Sfp1 gene transcription by GATA factors regulates hematopoietic cell fate. <i>Blood</i> , 2009, 114, 983-994.	1.4	89
12	GATA-2 Reinforces Megakaryocyte Development in the Absence of GATA-1. <i>Molecular and Cellular Biology</i> , 2009, 29, 5168-5180.	2.3	86
13	STAT1 promotes megakaryopoiesis downstream of GATA-1 in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3890-3899.	8.2	85
14	The E3 ligase tripartite motif 8 targets TAK1 to promote insulin resistance and steatohepatitis. <i>Hepatology</i> , 2017, 65, 1492-1511.	7.3	70
15	Virus-induced p38 MAPK activation facilitates viral infection. <i>Theranostics</i> , 2020, 10, 12223-12240.	10.0	65
16	TNFAIP3 Interacting Protein 3 Overexpression Suppresses Nonalcoholic Steatohepatitis by Blocking TAK1 Activation. <i>Cell Metabolism</i> , 2020, 31, 726-740.e8.	16.2	60
17	The Ubiquitin E3 Ligase TRAF6 Exacerbates Ischemic Stroke by Ubiquitinating and Activating Rac1. <i>Journal of Neuroscience</i> , 2017, 37, 12123-12140.	3.6	55
18	Hepatocyte TNF Receptor-Associated Factor 6 Aggravates Hepatic Inflammation and Fibrosis by Promoting Lysine-Linked Polyubiquitination of Apoptosis Signal-Regulating Kinase 1. <i>Hepatology</i> , 2020, 71, 93-111.	7.3	55

#	ARTICLE	IF	CITATIONS
19	FOG-1-mediated recruitment of NuRD is required for cell lineage re-enforcement during haematopoiesis. <i>EMBO Journal</i> , 2010, 29, 457-468.	7.8	54
20	Oncostatin M receptor $\hat{2}$ deficiency attenuates atherogenesis by inhibiting JAK2/STAT3 signaling in macrophages. <i>Journal of Lipid Research</i> , 2017, 58, 895-906.	4.2	53
21	Human Herpesvirus 6 Activates Lytic Cycle Replication of Kaposi's Sarcoma-Associated Herpesvirus. <i>American Journal of Pathology</i> , 2005, 166, 173-183.	3.8	50
22	miR-638 Regulates Differentiation and Proliferation in Leukemic Cells by Targeting Cyclin-dependent Kinase 2. <i>Journal of Biological Chemistry</i> , 2015, 290, 1818-1828.	3.4	50
23	Dusp14 protects against hepatic ischaemiaâ€“reperfusion injury via Tak1 suppression. <i>Journal of Hepatology</i> , 2018, 68, 118-129.	3.7	50
24	Global expression profiling reveals genetic programs underlying the developmental divergence between mouse and human embryogenesis. <i>BMC Genomics</i> , 2013, 14, 568.	2.8	47
25	Insights into innate immune signalling in controlling cardiac remodelling. <i>Cardiovascular Research</i> , 2017, 113, 1538-1550.	3.8	46
26	Caspase recruitment domain 6 protects against hepatic ischemia/reperfusion injury by suppressing ASK1. <i>Journal of Hepatology</i> , 2018, 69, 1110-1122.	3.7	46
27	Tetrandrine induces autophagy and differentiation by activating ROS and Notch1 signaling in leukemia cells. <i>Oncotarget</i> , 2015, 6, 7992-8006.	1.8	45
28	Integrated Omics Reveals Tollip as an Regulator and Therapeutic Target for Hepatic Ischemiaâ€“Reperfusion Injury in Mice. <i>Hepatology</i> , 2019, 70, 1750-1769.	7.3	44
29	Fatty Acid Synthaseâ€“Suppressor Screening Identifies Sorting Nexin 8 as a Therapeutic Target for NAFLD. <i>Hepatology</i> , 2021, 74, 2508-2525.	7.3	44
30	Tumor necrosis factor receptor-associated factor 5 (Traf5) acts as an essential negative regulator of hepatic steatosis. <i>Journal of Hepatology</i> , 2016, 65, 125-136.	3.7	41
31	Hepatic Interferon Regulatory Factor 6 Alleviates Liver Steatosis and Metabolic Disorder by Transcriptionally Suppressing Peroxisome Proliferatorâ€“Activated Receptor $\hat{3}$ in Mice. <i>Hepatology</i> , 2019, 69, 2471-2488.	7.3	37
32	Cutting Edge: IL-5 Primes Th2 Cytokine-Producing Capacity in Eosinophils through a STAT5-Dependent Mechanism. <i>Journal of Immunology</i> , 2004, 173, 2918-2922.	0.8	36
33	Pharmacological inhibition of arachidonate 12-lipoxygenase ameliorates myocardial ischemia-reperfusion injury in multiple species. <i>Cell Metabolism</i> , 2021, 33, 2059-2075.e10.	16.2	35
34	Induction of lytic cycle replication of Kaposi's sarcoma-associated herpesvirus by herpes simplex virus type 1: involvement of IL-10 and IL-4. <i>Cellular Microbiology</i> , 2008, 10, 713-728.	2.1	33
35	Interferon Regulatory Factor 4 Inhibits Neointima Formation by Engaging Kr $\hat{1}$ / $\hat{4}$ ppel-Like Factor 4 Signaling. <i>Circulation</i> , 2017, 136, 1412-1433.	1.6	33
36	Characterization of MicroRNA Expression Profiles and the Discovery of Novel MicroRNAs Involved in Cancer during Human Embryonic Development. <i>PLoS ONE</i> , 2013, 8, e69230.	2.5	33

#	ARTICLE	IF	CITATIONS
37	Tetrandrine antagonizes acute megakaryoblastic leukaemia growth by forcing autophagy-mediated differentiation. <i>British Journal of Pharmacology</i> , 2017, 174, 4308-4328.	5.4	31
38	Induction of INK1 by Viral Infection Negatively Regulates Antiviral Responses through Inhibiting Phosphorylation of p65 and IRF3. <i>Cell Host and Microbe</i> , 2017, 22, 86-98.e4.	11.0	30
39	IFN- $\gamma$ Suppresses STAT6 Phosphorylation by Inhibiting Its Recruitment to the IL-4 Receptor. <i>Journal of Immunology</i> , 2005, 174, 1332-1337.	0.8	29
40	Negative pressure wound therapy improves bone regeneration by promoting osteogenic differentiation via the AMPK-ULK1-autophagy axis. <i>Autophagy</i> , 2022, 18, 2229-2245.	9.1	29
41	The Zinc Finger Protein ZNF268 Is Overexpressed in Human Cervical Cancer and Contributes to Tumorigenesis via Enhancing NF- $\kappa$ B Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 42856-42866.	3.4	28
42	Dickkopf-3 Ablation Attenuates the Development of Atherosclerosis in ApoE-Deficient Mice. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	28
43	FLIP: a novel regulator of macrophage differentiation and granulocyte homeostasis. <i>Blood</i> , 2010, 116, 4968-4977.	1.4	27
44	ANP32A regulates histone H3 acetylation and promotes leukemogenesis. <i>Leukemia</i> , 2018, 32, 1587-1597.	7.2	25
45	Ablation of Interferon Regulatory Factor 3 Protects Against Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Hypertension</i> , 2017, 69, 510-520.	2.7	24
46	LILRB4 deficiency aggravates the development of atherosclerosis and plaque instability by increasing the macrophage inflammatory response via NF- $\kappa$ B signaling. <i>Clinical Science</i> , 2017, 131, 2275-2288.	4.3	24
47	STEAP3 (Six-Transmembrane Epithelial Antigen of Prostate 3) Inhibits Pathological Cardiac Hypertrophy. <i>Hypertension</i> , 2020, 76, 1219-1230.	2.7	23
48	SHP-1 regulates STAT6 phosphorylation and IL-4-mediated function in a cell type-specific manner. <i>Cytokine</i> , 2005, 29, 118-124.	3.2	22
49	Global Gene Expression during the Human Organogenesis: From Transcription Profiles to Function Predictions. <i>International Journal of Biological Sciences</i> , 2011, 7, 1068-1076.	6.4	22
50	Survivin is not required for the endomitotic cell cycle of megakaryocytes. <i>Blood</i> , 2009, 114, 153-156.	1.4	20
51	CD11c-mediated deletion of Flip promotes autoreactivity and inflammatory arthritis. <i>Nature Communications</i> , 2015, 6, 7086.	12.8	20
52	Novel activity of KRAB domain that functions to reinforce nuclear localization of KRAB-containing zinc finger proteins by interacting with KAP1. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3947-3958.	5.4	16
53	C1orf61 acts as a tumor activator in human hepatocellular carcinoma and is associated with tumorigenesis and metastasis. <i>FASEB Journal</i> , 2013, 27, 163-173.	0.5	16
54	Tumor Progression Locus 2 in Hepatocytes Potentiates Both Liver and Systemic Metabolic Disorders in Mice. <i>Hepatology</i> , 2019, 69, 524-544.	7.3	14

#	ARTICLE	IF	CITATIONS
55	hERG Potassium Channel Blockage by Scorpion Toxin BmKKx2 Enhances Erythroid Differentiation of Human Leukemia Cells K562. PLoS ONE, 2013, 8, e84903.	2.5	13
56	Novel function of PITH domain-containing 1 as an activator of internal ribosomal entry site to enhance RUNX1 expression and promote megakaryocyte differentiation. Cellular and Molecular Life Sciences, 2015, 72, 821-832.	5.4	13
57	Vinexin $\beta$ Ablation Inhibits Atherosclerosis in Apolipoprotein E-deficient Mice by Inactivating the Akt-Nuclear Factor $\kappa$ B Inflammatory Axis. Journal of the American Heart Association, 2017, 6, .	3.7	13
58	ZNF300 Knockdown Inhibits Forced Megakaryocytic Differentiation by Phorbol and Erythrocytic Differentiation by Arabinofuranosyl Cytidine in K562 Cells. PLoS ONE, 2014, 9, e114768.	2.5	12
59	A continuous $\beta$ expression is required to silence the interleukin-4-producing potential in T helper type 1 cells. Immunology, 2009, 128, 34-42.	4.4	11
60	STAT1 signaling is required for optimal Th1 cell differentiation in mice. Science Bulletin, 2010, 55, 1032-1040.	1.7	11
61	Baicalein antagonizes acute megakaryoblastic leukemia in vitro and in vivo by inducing cell cycle arrest. Cell and Bioscience, 2016, 6, 20.	4.8	11
62	Zinc Fingers Function Cooperatively with KRAB Domain for Nuclear Localization of KRAB-Containing Zinc Finger Proteins. PLoS ONE, 2014, 9, e92155.	2.5	9
63	ZNF300 tight self-regulation and functioning through DNA methylation and histone acetylation. Cell and Bioscience, 2017, 7, 33.	4.8	8
64	ANP32A dysregulation contributes to abnormal megakaryopoiesis in acute megakaryoblastic leukemia. Blood Cancer Journal, 2017, 7, 661.	6.2	8
65	KRAB-Zinc Finger Protein ZNF268a Deficiency Attenuates the Virus-Induced Pro-Inflammatory Response by Preventing IKK Complex Assembly. Cells, 2019, 8, 1604.	4.1	8
66	Signaling Pathways That Lead to the Silencing of the Interleukin-4-Producing Potential in Th1 Cells. Journal of Interferon and Cytokine Research, 2009, 29, 399-406.	1.2	7
67	Loss of Caspase-Activated DNase Protects Against Atherosclerosis in Apolipoprotein E-deficient Mice. Journal of the American Heart Association, 2016, 5, .	3.7	7
68	ULK1 Suppresses Osteoclast Differentiation and Bone Resorption via Inhibiting Syk-JNK through DOK3. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	7
69	BMP2K dysregulation promotes abnormal megakaryopoiesis in acute megakaryoblastic leukemia. Cell and Bioscience, 2020, 10, 57.	4.8	6
70	IFN- $\beta$ suppresses permissive chromatin remodeling in the regulatory region of the Il4 gene. Cytokine, 2013, 62, 91-95.	3.2	4
71	C1orf61 promotes hepatocellular carcinoma metastasis and increases the therapeutic response to sorafenib. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119048.	4.1	4
72	Wang et al. reply. Nature Medicine, 2018, 24, 700-701.	30.7	3

#	ARTICLE	IF	CITATIONS
73	Small peptide targeting ANP32A as a novel strategy for acute myeloid leukemia therapy. Translational Oncology, 2022, 15, 101245.	3.7	3
74	Tyrosine 625 plays a key role and cooperates with tyrosine 630 in MPL W515L-induced signaling and myeloproliferative neoplasms. Cell and Bioscience, 2016, 6, 34.	4.8	1
75	Identification of a GATA Switch In Megakaryocytic Development.. Blood, 2010, 116, 2605-2605.	1.4	1
76	Novel Function Of Chromosome 7 Open Reading Frame 41 Gene To Promote Leukemic Megakaryocyte Differentiation By Modulating TPA-Induced MAPK/ERK, SAPK/JNK, and NF- $\kappa$ B Signaling. Blood, 2013, 122, 1209-1209.	1.4	1
77	ANP32A Regulates Histone 3 Acetylation and Promotes Leukemogenesis in AML. Blood, 2016, 128, 3917-3917.	1.4	1
78	Dysregulation of PSTPIP2 Due to Loss of GATA-1 Contributes to Aberrant Megakaryopoiesis. Blood, 2012, 120, 854-854.	1.4	0
79	ANP32A Dysregulation Contributes to Abnormal Megakaryopoiesis in Acute Megakaryoblastic Leukemia. Blood, 2015, 126, 1231-1231.	1.4	0
80	ANP32A Dysregulation Involves Histone Modifications and Contributes to Myeloid Leukemia. Blood, 2015, 126, 2456-2456.	1.4	0