

# Jin-San Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

4,102  
citations

109321

35  
h-index

128289

60  
g-index

82  
all docs

82  
docs citations

82  
times ranked

7238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sin3: Master scaffold and transcriptional corepressor. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009, 1789, 443-450.	1.9	205
2	COMMD1 is linked to the WASH complex and regulates endosomal trafficking of the copper transporter ATP7A. <i>Molecular Biology of the Cell</i> , 2015, 26, 91-103.	2.1	200
3	Regulation of the Hippo-YAP Pathway by Glucose Sensor O-GlcNAcylation. <i>Molecular Cell</i> , 2017, 68, 591-604.e5.	9.7	197
4	Metformin induces lipogenic differentiation in myofibroblasts to reverse lung fibrosis. <i>Nature Communications</i> , 2019, 10, 2987.	12.8	181
5	Epigenetic Regulation of Autophagy by the Methyltransferase G9a. <i>Molecular and Cellular Biology</i> , 2013, 33, 3983-3993.	2.3	177
6	A Conserved $\alpha$ -Helical Motif Mediates the Interaction of Sp1-Like Transcriptional Repressors with the Corepressor mSin3A. <i>Molecular and Cellular Biology</i> , 2001, 21, 5041-5049.	2.3	173
7	FGF Signaling Pathway: A Key Regulator of Stem Cell Pluripotency. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 79.	3.7	160
8	AGR2, an androgen-inducible secretory protein overexpressed in prostate cancer. <i>Genes Chromosomes and Cancer</i> , 2005, 43, 249-259.	2.8	129
9	Predictors of Health-Related Quality of Life and Influencing Factors for COVID-19 Patients, a Follow-Up at One Month. <i>Frontiers in Psychiatry</i> , 2020, 11, 668.	2.6	124
10	Inflammation-Induced NFATc1-STAT3 Transcription Complex Promotes Pancreatic Cancer Initiation by <i>Kras</i> G12D. <i>Cancer Discovery</i> , 2014, 4, 688-701.	9.4	108
11	Silymarin inhibits function of the androgen receptor by reducing nuclear localization of the receptor in the human prostate cancer cell line LNCaP. <i>Carcinogenesis</i> , 2001, 22, 1399-1403.	2.8	103
12	The AMPK-Parkin axis negatively regulates necroptosis and tumorigenesis by inhibiting the necrosome. <i>Nature Cell Biology</i> , 2019, 21, 940-951.	10.3	102
13	FGF10-FGFR2B Signaling Generates Basal Cells and Drives Alveolar Epithelial Regeneration by Bronchial Epithelial Stem Cells after Lung Injury. <i>Stem Cell Reports</i> , 2019, 12, 1041-1055.	4.8	94
14	Blockage of SLC31A-dependent copper absorption increases pancreatic cancer cell autophagy to resist cell death. <i>Cell Proliferation</i> , 2019, 52, e12568.	5.3	90
15	Structural and mechanistic insights into regulation of the retromer coat by TBC1d5. <i>Nature Communications</i> , 2016, 7, 13305.	12.8	88
16	Antithetical NFAT-Sox2 and p53-miR200 signaling networks govern pancreatic cancer cell plasticity. <i>EMBO Journal</i> , 2015, 34, 517-530.	7.8	87
17	Allele-specific late replication and fragility of the most active common fragile site, FRA3B. <i>Human Molecular Genetics</i> , 1999, 8, 431-437.	2.9	76
18	The Sp1-like Protein BTEB3 Inhibits Transcription via the Basic Transcription Element Box by Interacting with mSin3A and HDAC-1 Co-repressors and Competing with Sp1. <i>Journal of Biological Chemistry</i> , 2001, 276, 36749-36756.	3.4	74

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19	NFATc1 Links EGFR Signaling to Induction of Sox9 Transcription and Acinar→Ductal Transdifferentiation in the Pancreas. <i>Gastroenterology</i> , 2015, 148, 1024-1034.e9.	1.3	73
20	Embryonic stem cell factors and pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2014, 20, 2247.	3.3	71
21	Synthesis and Biological Evaluation of Triazol-4-ylphenyl-Bearing Histone Deacetylase Inhibitors as Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 1347-1356.	6.4	66
22	Loss of expression of the DRR 1 gene at chromosomal segment 3p21.1 in renal cell carcinoma. , 2000, 27, 1-10.		60
23	FGF10 Protects Against Renal Ischemia/Reperfusion Injury by Regulating Autophagy and Inflammatory Signaling. <i>Frontiers in Genetics</i> , 2018, 9, 556.	2.3	57
24	EZH2 Regulates Pancreatic Cancer Subtype Identity and Tumor Progression via Transcriptional Repression of <i>GATA6</i> . <i>Cancer Research</i> , 2020, 80, 4620-4632.	0.9	56
25	NFATc4 Regulates <i>Sox9</i> Gene Expression in Acinar Cell Plasticity and Pancreatic Cancer Initiation. <i>Stem Cells International</i> , 2016, 2016, 1-11.	2.5	55
26	GSK-3 inhibition overcomes chemoresistance in human breast cancer. <i>Cancer Letters</i> , 2016, 380, 384-392.	7.2	55
27	Keratin 23 (K23), a novel acidic keratin, is highly induced by histone deacetylase inhibitors during differentiation of pancreatic cancer cells. <i>Genes Chromosomes and Cancer</i> , 2001, 30, 123-135.	2.8	54
28	<i>Fgf10</i> deficiency is causative for lethality in a mouse model of bronchopulmonary dysplasia. <i>Journal of Pathology</i> , 2017, 241, 91-103.	4.5	54
29	Functional analysis of basic transcription element (BTE)-binding protein (BTEB) 3 and BTEB4, a novel Sp1-like protein, reveals a subfamily of transcriptional repressors for the BTE site of the cytochrome P4501A1 gene promoter. <i>Biochemical Journal</i> , 2002, 366, 873-882.	3.7	50
30	Signaling disrupts mSin3A binding to the Mad1-like Sin3-interacting domain of TIEG2, an Sp1-like repressor. <i>EMBO Journal</i> , 2002, 21, 2451-2460.	7.8	49
31	Polygenic Risk Scores have high diagnostic capacity in ankylosing spondylitis. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1168-1174.	0.9	49
32	Poly(ADP-ribose) Polymerase Inhibitors Sensitize Cancer Cells to Death Receptor-mediated Apoptosis by Enhancing Death Receptor Expression. <i>Journal of Biological Chemistry</i> , 2014, 289, 20543-20558.	3.4	47
33	GSK-3 $\beta$ Governs Inflammation-Induced NFATc2 Signaling Hubs to Promote Pancreatic Cancer Progression. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 491-502.	4.1	44
34	Glycogen Synthase Kinase-3 Inhibition Sensitizes Pancreatic Cancer Cells to Chemotherapy by Abrogating the TopBP1/ATR-Mediated DNA Damage Response. <i>Clinical Cancer Research</i> , 2019, 25, 6452-6462.	7.0	43
35	Hippo signaling promotes lung epithelial lineage commitment by curbing Fgf10 and $\beta$ -catenin signaling. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	40
36	Fibroblast growth factor 2 protects against renal ischaemia/reperfusion injury by attenuating mitochondrial damage and proinflammatory signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2909-2925.	3.6	39

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37	Context-Dependent Epigenetic Regulation of Nuclear Factor of Activated T Cells 1 in Pancreatic Plasticity. <i>Gastroenterology</i> , 2017, 152, 1507-1520.e15.	1.3	36
38	SNX17 Affects T Cell Activation by Regulating TCR and Integrin Recycling. <i>Journal of Immunology</i> , 2015, 194, 4555-4566.	0.8	35
39	SIRT1-Activating Compounds (STAC) Negatively Regulate Pancreatic Cancer Cell Growth and Viability Through a SIRT1 Lysosomal-Dependent Pathway. <i>Clinical Cancer Research</i> , 2016, 22, 2496-2507.	7.0	32
40	An FGFR/AKT/SOX2 Signaling Axis Controls Pancreatic Cancer Stemness. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 287.	3.7	32
41	Identification and Chromosomal Localization of CTNNAL1, a Novel Protein Homologous to $\beta$ -Catenin. <i>Genomics</i> , 1998, 54, 149-154.	2.9	31
42	Krüppel-like Factor 11 Regulates the Expression of Metabolic Genes via an Evolutionarily Conserved Protein Interaction Domain Functionally Disrupted in Maturity Onset Diabetes of the Young. <i>Journal of Biological Chemistry</i> , 2013, 288, 17745-17758.	3.4	31
43	Identification of a novel subset of alveolar type 2 cells enriched in PD-L1 and expanded following pneumonectomy. <i>European Respiratory Journal</i> , 2021, 58, 2004168.	6.7	31
44	GRB2 couples RhoU to epidermal growth factor receptor signaling and cell migration. <i>Molecular Biology of the Cell</i> , 2011, 22, 2119-2130.	2.1	30
45	Fibroblast Growth Factor 10 and Vertebrate Limb Development. <i>Frontiers in Genetics</i> , 2018, 9, 705.	2.3	30
46	Glycogen synthase kinase-3 $\beta$ ablation limits pancreatitis-induced acinar ductal metaplasia. <i>Journal of Pathology</i> , 2017, 243, 65-77.	4.5	29
47	Frequent homozygous deletions in the FRA3B region in tumor cell lines still leave the FHIT exons intact. <i>Oncogene</i> , 1998, 16, 635-642.	5.9	28
48	Impact of Fgf10 deficiency on pulmonary vasculature formation in a mouse model of bronchopulmonary dysplasia. <i>Human Molecular Genetics</i> , 2019, 28, 1429-1444.	2.9	28
49	Identification of a Repair-Supportive Mesenchymal Cell Population during Airway Epithelial Regeneration. <i>Cell Reports</i> , 2020, 33, 108549.	6.4	28
50	Differential loss of heterozygosity at 7q31.2 in follicular and papillary thyroid tumors. <i>Oncogene</i> , 1998, 17, 789-793.	5.9	27
51	High Cell Surface Death Receptor Expression Determines Type I Versus Type II Signaling*. <i>Journal of Biological Chemistry</i> , 2011, 286, 35823-35833.	3.4	27
52	Fibroblast Growth Factor 10 in Pancreas Development and Pancreatic Cancer. <i>Frontiers in Genetics</i> , 2018, 9, 482.	2.3	27
53	FGF1 alleviates LPS-induced acute lung injury via suppression of inflammation and oxidative stress. <i>Molecular Medicine</i> , 2022, 28, .	4.4	26
54	Nuclear localized FAM21 participates in NF- $\kappa$ B-dependent gene regulation in pancreatic cancer cells. <i>Journal of Cell Science</i> , 2015, 128, 373-84.	2.0	24

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55	Fibroblast growth factor 10 alleviates particulate matter-induced lung injury by inhibiting the HMGB1-TLR4 pathway. <i>Aging</i> , 2020, 12, 1186-1200.	3.1	20
56	Differential binding of Sin3 interacting repressor domains to the PAH2 domain of Sin3A. <i>FEBS Letters</i> , 2003, 548, 108-112.	2.8	19
57	Evidence for Overlapping and Distinct Biological Activities and Transcriptional Targets Triggered by Fibroblast Growth Factor Receptor 2b Signaling between Mid- and Early Pseudoglandular Stages of Mouse Lung Development. <i>Cells</i> , 2020, 9, 1274.	4.1	19
58	A Possible Neurodegeneration Mechanism Triggered by Diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 692-700.	7.1	18
59	Fibroblast Growth Factor 10 Attenuates Renal Damage by Regulating Endoplasmic Reticulum Stress After Ischemia-â€œReperfusion Injury. <i>Frontiers in Pharmacology</i> , 2020, 11, 39.	3.5	18
60	FGF10 and Lipofibroblasts in Lung Homeostasis and Disease: Insights Gained From the Adipocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 645400.	3.7	17
61	Fibroblast Growth Factors in the Management of Acute Kidney Injury Following Ischemia-Reperfusion. <i>Frontiers in Pharmacology</i> , 2020, 11, 426.	3.5	16
62	Role of FGF10/FGFR2b Signaling in Mouse Digestive Tract Development, Repair and Regeneration Following Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 326.	3.7	13
63	Temporospatial Expression of Fgfr1 and 2 During Lung Development, Homeostasis, and Regeneration. <i>Frontiers in Pharmacology</i> , 2020, 11, 120.	3.5	13
64	Growth inhibitory signalling by TGFÎ² is blocked in Ras-transformed intestinal epithelial cells at a post-receptor locus. <i>Cellular Signalling</i> , 2003, 15, 699-708.	3.6	11
65	The WW domains dictate isoform-specific regulation of YAP1 stability and pancreatic cancer cell malignancy. <i>Theranostics</i> , 2020, 10, 4422-4436.	10.0	11
66	Cell-Surface Programmed Death Ligand-1 Expression Identifies a Sub-Population of Distal Epithelial Cells Enriched in Idiopathic Pulmonary Fibrosis. <i>Cells</i> , 2022, 11, 1593.	4.1	11
67	Evidence for lung repair and regeneration in humans: key stem cells and therapeutic functions of fibroblast growth factors. <i>Frontiers of Medicine</i> , 2020, 14, 262-272.	3.4	10
68	Potential Impact of Diabetes and Obesity on Alveolar Type 2 (AT2)-Lipofibroblast (LIF) Interactions After COVID-19 Infection. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 676150.	3.7	9
69	Yap1-2 Isoform Is the Primary Mediator in TGF-Î² <sup>21</sup> Induced EMT in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 649290.	2.8	7
70	Sphingosine 1-phosphate receptor 1 governs endothelial barrier function and angiogenesis by upregulating endoglin signaling. <i>Annals of Translational Medicine</i> , 2022, 10, 136-136.	1.7	7
71	A critical role for miR-142 in alveolar epithelial lineage formation in mouse lung development. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2817-2832.	5.4	6
72	Validation of a Novel Fgf10Cre-â€œERT2 Knock-in Mouse Line Targeting FGF10Pos Cells Postnatally. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 671841.	3.7	5

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73	Enhanced nuclear localization of YAP1 contributes to EGF-induced EMT in NSCLC. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1013-1023.	3.6	4
74	Molecular cloning and characterization of a novel mouse actin-binding protein Zfp185. <i>Journal of Molecular Histology</i> , 2008, 39, 295-302.	2.2	2
75	P38 initiates degeneration of midbrain GABAergic and glutamatergic neurons in diabetes models. <i>European Journal of Neuroscience</i> , 2022, 56, 3755-3778.	2.6	1
76	Editorial: The Fibroblast Growth Factor Signaling Pathway in Metabolic Regulation, Development, Disease, and Repair After Injury. <i>Frontiers in Pharmacology</i> , 2020, 11, 586654.	3.5	0
77	Evidence for Multiple Origins of De Novo Formed Vascular Smooth Muscle Cells in Pulmonary Hypertension: Challenging the Dominant Model of Pre-Existing Smooth Muscle Expansion. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8584.	2.6	0