## Jin Zhang

## List of Publications by Year in descending order

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115	2,524	25	42
papers	citations	h-index	g-index
124	124	124	4311 citing authors
all docs	docs citations	times ranked	

#	Article	IF	CITATIONS
1	Tmem100 Is a Regulator of TRPA1-TRPV1 Complex and Contributes to Persistent Pain. Neuron, 2015, 85, 833-846.	3.8	143
2	Metabolism in Pluripotent Stem Cells and Early Mammalian Development. Cell Metabolism, 2018, 27, 332-338.	7.2	122
3	Compartmentalized AMPK Signaling Illuminated by Genetically Encoded Molecular Sensors and Actuators. Cell Reports, 2015, 11, 657-670.	2.9	83
4	The m6A-suppressed P2RX6 activation promotes renal cancer cells migration and invasion through ATP-induced Ca2+ influx modulating ERK1/2 phosphorylation and MMP9 signaling pathway. Journal of Experimental and Clinical Cancer Research, 2019, 38, 233.	3 <b>.</b> 5	82
5	Predictive value of single-nucleotide polymorphism signature for recurrence in localised renal cell carcinoma: a retrospective analysis and multicentre validation study. Lancet Oncology, The, 2019, 20, 591-600.	5.1	78
6	A positive feed-forward loop between LncRNA-URRCC and EGFL7/P-AKT/FOXO3 signaling promotes proliferation and metastasis of clear cell renal cell carcinoma. Molecular Cancer, 2019, 18, 81.	7.9	71
7	Immune imbalance is associated with the development of preeclampsia. Medicine (United States), 2019, 98, e15080.	0.4	70
8	AHNAK2 is a Novel Prognostic Marker and Oncogenic Protein for Clear Cell Renal Cell Carcinoma. Theranostics, 2017, 7, 1100-1113.	4.6	66
9	CXCL1-LCN2 paracrine axis promotes progression of prostate cancer via the Src activation and epithelial-mesenchymal transition. Cell Communication and Signaling, 2019, 17, 118.	2.7	64
10	MiR-532-5p suppresses renal cancer cell proliferation by disrupting the ETS1-mediated positive feedback loop with the KRAS-NAP1L1/P-ERK axis. British Journal of Cancer, 2018, 119, 591-604.	2.9	63
11	Sunitinib-suppressed miR-452-5p facilitates renal cancer cell invasion and metastasis through modulating SMAD4/SMAD7 signals. Molecular Cancer, 2018, 17, 157.	7.9	58
12	Single-cell dynamics and variability of MAPK activity in a yeast differentiation pathway. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5896-E5905.	3.3	56
13	SUV39H1 deficiency suppresses clear cell renal cell carcinoma growth by inducing ferroptosis. Acta Pharmaceutica Sinica B, 2021, 11, 406-419.	5.7	56
14	circPTCH1 promotes invasion and metastasis in renal cell carcinoma via regulating miR-485-5p/MMP14 axis. Theranostics, 2020, 10, 10791-10807.	4.6	55
15	DNAâ€methylationâ€mediated repression of miRâ€766â€3p promotes cell proliferation via targeting SF2 expression in renal cell carcinoma. International Journal of Cancer, 2017, 141, 1867-1878.	2.3	49
16	Long-term follow-up of bilateral subthalamic deep brain stimulation for refractory tardive dystonia. Parkinsonism and Related Disorders, 2017, 41, 58-65.	1.1	48
17	Hypoxia-induced IncHILAR promotes renal cancer metastasis via ceRNA for the miR-613/206/ 1-1-3p/Jagged-1/Notch/CXCR4 signaling pathway. Molecular Therapy, 2021, 29, 2979-2994.	3.7	48
18	LSD1 inhibition suppresses the growth of clear cell renal cell carcinoma via upregulating P21 signaling. Acta Pharmaceutica Sinica B, 2019, 9, 324-334.	5.7	44

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19	Glycogen Synthase Kinase-3 Regulates Production of Amyloid- $\langle i \rangle \hat{l}^2 \langle  i \rangle$ Peptides and Tau Phosphorylation in Diabetic Rat Brain. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	36
20	A Tyrosine Switch on NEDD4-2 E3 Ligase Transmits GPCR Inflammatory Signaling. Cell Reports, 2018, 24, 3312-3323.e5.	2.9	36
21	PRMT1 is a novel molecular therapeutic target for clear cell renal cell carcinoma. Theranostics, 2021, 11, 5387-5403.	4.6	36
22	Novel Mechanistic Insights and Potential Therapeutic Impact of TRPC6 in Neurovascular Coupling and Ischemic Stroke. International Journal of Molecular Sciences, 2021, 22, 2074.	1.8	32
23	High Expression of Stearoyl-CoA Desaturase 1 Predicts Poor Prognosis in Patients with Clear-Cell Renal Cell Carcinoma. PLoS ONE, 2016, 11, e0166231.	1.1	31
24	Preoperative serum pre-albumin as an independent prognostic indicator in patients with localized upper tract urothelial carcinoma after radical nephroureterectomy. Oncotarget, 2017, 8, 36772-36779.	0.8	31
25	Molecular Mechanism underlying PRMT1 Dimerization for SAM Binding and Methylase Activity. Journal of Chemical Information and Modeling, 2015, 55, 2623-2632.	2.5	30
26	Comparing Zero Ischemia Laparoscopic Radio Frequency Ablation Assisted Tumor Enucleation and Laparoscopic Partial Nephrectomy for Clinical T1a Renal Tumor: A Randomized Clinical Trial. Journal of Urology, 2016, 195, 1677-1683.	0.2	30
27	MicroRNA-7/Shank3 axis involved in schizophrenia pathogenesis. Journal of Clinical Neuroscience, 2015, 22, 1254-1257.	0.8	28
28	Strategies for Genetically Engineering Hypoimmunogenic Universal Pluripotent Stem Cells. IScience, 2020, 23, 101162.	1.9	28
29	Intracranial Atherosclerotic Plaque Characteristics and Burden Associated With Recurrent Acute Stroke: A 3D Quantitative Vessel Wall MRI Study. Frontiers in Aging Neuroscience, 2021, 13, 706544.	1.7	28
30	Identification of Novel Disruptor of Telomeric Silencing 1-like (DOT1L) Inhibitors through Structure-Based Virtual Screening and Biological Assays. Journal of Chemical Information and Modeling, 2016, 56, 527-534.	2.5	27
31	Pretreatment Serum Prealbumin as an Independent Prognostic Indicator in Patients With Metastatic Renal Cell Carcinoma Using Tyrosine Kinase Inhibitors as First-Line Target Therapy. Clinical Genitourinary Cancer, 2017, 15, e437-e446.	0.9	27
32	Preoperative prognostic nutritional index is a significant predictor of survival in patients with localized upper tract urothelial carcinoma after radical nephroureterectomy. Urologic Oncology: Seminars and Original Investigations, 2017, 35, 671.e1-671.e9.	0.8	26
33	Prognostic value of preoperative plasma fibrinogen level and platelet-to-lymphocyte ratio (F-PLR) in patients with localized upper tract urothelial carcinoma. Oncotarget, 2017, 8, 36761-36771.	0.8	26
34	Development of a novel gene signature to predict prognosis and response to PD-1 blockade in clear cell renal cell carcinoma. Oncolmmunology, 2021, 10, 1933332.	2.1	26
35	Activation and blockade of serotonin6 receptors in the dorsal hippocampus enhance T maze and hole-board performance in a unilateral 6-hydroxydopamine rat model of Parkinson's disease. Brain Research, 2016, 1650, 184-195.	1.1	25
36	CD33 <sup>+</sup> CD14 <sup>+</sup> CD11b <sup>+</sup> HLAâ€DR <sup>â°'</sup> monocytic myeloidâ€deri suppressor cells recruited and activated by CCR9/CCL25 are crucial for the pathogenic progression of endometriosis. American Journal of Reproductive Immunology, 2019, 81, e13067.	ved 1.2	25

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37	Interleukin 10-expressing B cells inhibit tumor-infiltrating T cell function and correlate with T cell Tim-3 expression in renal cell carcinoma. Tumor Biology, 2016, 37, 8209-8218.	0.8	24
38	SENP1 promotes proliferation of clear cell renal cell carcinoma through activation of glycolysis. Oncotarget, 2016, 7, 80435-80449.	0.8	24
39	Cannabinoid receptor 2 as a novel target for promotion of renal cell carcinoma prognosis and progression. Journal of Cancer Research and Clinical Oncology, 2018, 144, 39-52.	1.2	22
40	Identification of biomarkers of chromophobe renal cell carcinoma by weighted gene co-expression network analysis. Cancer Cell International, 2018, 18, 206.	1.8	22
41	ZHX2 drives cell growth and migration via activating MEK/ERK signal and induces Sunitinib resistance by regulating the autophagy in clear cell Renal Cell Carcinoma. Cell Death and Disease, 2020, 11, 337.	2.7	21
42	Significance of preoperative prognostic nutrition index as prognostic predictors in patients with metastatic renal cell carcinoma with tyrosine kinase inhibitors as first-line target therapy. International Urology and Nephrology, 2017, 49, 1955-1963.	0.6	20
43	Tumor-educated B cells promote renal cancer metastasis via inducing the IL- $1\hat{i}^2$ /HIF- $2\hat{i}$ ±/Notch1 signals. Cell Death and Disease, 2020, 11, 163.	2.7	20
44	c-Myc modulates glucose metabolism via regulation of miR-184/PKM2 pathway in clear-cell renal cell carcinoma. International Journal of Oncology, 2016, 49, 1569-1575.	1.4	18
45	Identification of novel EZH2 inhibitors through pharmacophore-based virtual screening and biological assays. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3813-3817.	1.0	18
46	Comparison of efficacy, safety, and quality of life between sorafenib and sunitinib as first-line therapy for Chinese patients with metastatic renal cell carcinoma. Chinese Journal of Cancer, 2017, 36, 64.	4.9	18
47	Sphingosine kinase 1 overexpression contributes to sunitinib resistance in clear cell renal cell carcinoma. Oncolmmunology, 2018, 7, e1502130.	2.1	18
48	Evaluation of chronic carotid artery occlusion by non-contrast 3D-MERGE MR vessel wall imaging: comparison with 3D-TOF-MRA, contrast-enhanced MRA, and DSA. European Radiology, 2020, 30, 5805-5814.	2.3	17
49	Sphingosine kinase 1 is overexpressed and promotes adrenocortical carcinoma progression. Oncotarget, 2016, 7, 3233-3244.	0.8	17
50	Blocking macrophage migration inhibitory factor activity alleviates mouse acute otitis media in vivo. Immunology Letters, 2014, 162, 101-108.	1.1	16
51	The Study of Clear Cell Renal Cell Carcinoma with MR Diffusion Kurtosis Tensor Imaging and Its Histopathologic Correlation. Academic Radiology, 2018, 25, 430-438.	1.3	16
52	Active surveillance of renal masses in von Hippel-Lindau disease: growth rates and clinical outcome over a median follow-up period of 56Âmonths. Familial Cancer, 2012, 11, 209-214.	0.9	15
53	The selective MEK1 inhibitor Selumetinib enhances the antitumor activity of everolimus against renal cell carcinoma <i>in vitro</i> and <i>in vivo</i> Oncotarget, 2017, 8, 20825-20833.	0.8	15
54	B Lymphocytes Are Predictors of Insulin Resistance in Women with Gestational Diabetes Mellitus. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 358-366.	0.6	15

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55	Germline mutations in the von Hippel–Lindau disease (VHL) gene in mainland Chinese families. Journal of Cancer Research and Clinical Oncology, 2008, 134, 1211-1218.	1.2	14
56	Mice deficient in poly(C)-binding protein 4 are susceptible to spontaneous tumors through increased expression of ZFP871 that targets p53 for degradation. Genes and Development, 2016, 30, 522-534.	2.7	14
57	Comparison of efficacy and safety among axitinib, sunitinib, and sorafenib as neoadjuvant therapy for renal cell carcinoma: a retrospective study. Cancer Communications, 2019, 39, 1-4.	3.7	14
58	miR-30a-3p inhibits renal cancer cell invasion and metastasis through targeting ATG12. Translational Andrology and Urology, 2020, 9, 646-653.	0.6	14
59	Renal mass biopsy using Raman spectroscopy identifies malignant and benign renal tumors: potential for pre-operative diagnosis. Oncotarget, 2017, 8, 36012-36019.	0.8	14
60	Uncertainty in MR tracer kinetic parameters and water exchange rates estimated from <i>T</i> <sub>1</sub> â€weighted dynamic contrast enhanced MRI. Magnetic Resonance in Medicine, 2014, 72, 534-545.	1.9	13
61	Association of Type 2 Diabetes Mellitus and Glycemic Control With Intracranial Plaque Characteristics in Patients With Acute Ischemic Stroke. Journal of Magnetic Resonance Imaging, 2021, 54, 655-666.	1.9	13
62	Mitochondrial Genotype Frequent in Centenarians Predisposes Resistance to Adult-Onset Diseases Journal of Clinical Biochemistry and Nutrition, 1998, 24, 105-111.	0.6	13
63	Modulation of the p53 family network by RNA-binding proteins. Translational Cancer Research, 2016, 5, 676-684.	0.4	12
64	The role of stearoyl-coenzyme A desaturase 1 in clear cell renal cell carcinoma. Tumor Biology, 2016, 37, 479-489.	0.8	12
65	ERK Inhibitor Enhances Everolimus Efficacy through the Attenuation of dNTP Pools in Renal Cell Carcinoma. Molecular Therapy - Nucleic Acids, 2019, 14, 550-561.	2.3	12
66	Nuclear Magnetic Resonance-Based Metabolomic Analysis of the Anticancer Effect of Metformin Treatment on Cholangiocarcinoma Cells. Frontiers in Oncology, 2020, 10, 570516.	1.3	12
67	Irregular pulsation of intracranial unruptured aneurysm detected by four-dimensional CT angiography is associated with increased estimated rupture risk and conventional risk factors.  Journal of NeuroInterventional Surgery, 2021, 13, 854-859.	2.0	12
68	Comparison of computed tomographic urography, magnetic resonance urography and the combination of diffusion weighted imaging in diagnosis of upper urinary tract cancer. European Journal of Radiology, 2014, 83, 893-899.	1.2	11
69	Serotonin1A receptors in the dorsal hippocampus regulate working memory and long-term habituation in the hemiparkinsonian rats. Behavioural Brain Research, 2019, 376, 112207.	1.2	11
70	The upâ€regulation of NDRG1 by HIF counteracts the cancerâ€promoting effect of HIF in VHLâ€deficient clear cell renal cell carcinoma. Cell Proliferation, 2020, 53, e12853.	2.4	11
71	Involvement of the Dorsal Hippocampus 5-HT <sub>1A</sub> Receptors in the Regulation of Depressive-Like Behaviors in Hemiparkinsonian Rats. Neuropsychobiology, 2020, 79, 198-207.	0.9	11
72	Peroxide production and apoptosis in cultured cells carrying mtDNA mutation causing encephalomyopathy. IUBMB Life, 1998, 46, 71-79.	1.5	10

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73	Sunitinib or Sorafenib as Neoadjuvant Therapy May not Improve the Survival Outcomes of Renal Cell Carcinoma with Tumor Thrombus. Urologia Internationalis, 2018, 101, 391-399.	0.6	10
74	Cyclin-dependent kinase 5 acts as a promising biomarker in clear cell Renal Cell Carcinoma. BMC Cancer, 2019, 19, 698.	1.1	10
75	The Value of Blood Oxygenation Level-Dependent (BOLD) MR Imaging in Differentiation of Renal Solid Mass and Grading of Renal Cell Carcinoma (RCC): Analysis Based on the Largest Cross-Sectional Area versus the Entire Whole Tumour. PLoS ONE, 2015, 10, e0123431.	1.1	9
76	Transitional cell carcinoma with extension of the renal vein and IVC tumor thrombus: report of three cases and literature review. World Journal of Surgical Oncology, 2016, 14, 309.	0.8	9
77	Overexpression of cannabinoid receptor 1 promotes renal cell carcinoma progression. Tumor Biology, 2016, 37, 16237-16247.	0.8	9
78	Bilateral Posterior Uveitis and Retinal Detachment During Immunotherapy: A Case Report and Literature Review. Frontiers in Oncology, 2020, 10, 549168.	1.3	9
79	Association of post-treatment hypoalbuminemia and survival in Chinese patients with metastatic renal cell carcinoma. Chinese Journal of Cancer, 2017, 36, 47.	4.9	8
80	Germline Mutation Landscape and Associated Clinical Characteristics in Chinese Patients With Renal Cell Carcinoma. Frontiers in Oncology, 2021, 11, 737547.	1.3	8
81	Comparing renal function preservation after laparoscopic radio frequency ablation assisted tumor enucleation and laparoscopic partial nephrectomy for clinical T1a renal tumor: using a 3D parenchyma measurement system. Journal of Cancer Research and Clinical Oncology, 2017, 143, 905-912.	1.2	7
82	Assessment of hypercoagulability using thromboelastography predicts advanced status in renal cell carcinoma. Journal of Clinical Laboratory Analysis, 2020, 34, e23017.	0.9	7
83	Identification of genes that correlate clear cell renal cell carcinoma and obesity and exhibit potential prognostic value. Translational Andrology and Urology, 2021, 10, 680-691.	0.6	7
84	Zero ischemia laparoscopic microwave ablation assisted enucleation vs. laparoscopic partial nephrectomy in clinical T1a renal tumor: a randomized clinical trial. Translational Cancer Research, 2020, 9, 194-202.	0.4	6
85	Fine-tuning p53 activity by modulating the interaction between eukaryotic translation initiation factor eIF4E and RNA-binding protein RBM38. Genes and Development, 2021, 35, 542-555.	2.7	6
86	Histone demethylase KDM4D inhibition suppresses renal cancer progression and angiogenesis through JAG1 signaling. Cell Death Discovery, 2021, 7, 284.	2.0	6
87	Assessment of response to anti-angiogenic targeted therapy in pulmonary metastatic renal cell carcinoma: R2* value as a predictive biomarker. European Radiology, 2017, 27, 3574-3582.	2.3	5
88	High Mobility Group Box 1 Ameliorates Cognitive Impairment in the 3×Tg-AD Mouse Model. Journal of Alzheimer's Disease, 2020, 74, 851-864.	1.2	5
89	Comprehensive Genomic Landscape in Chinese Clear Cell Renal Cell Carcinoma Patients. Frontiers in Oncology, 2021, 11, 697219.	1.3	5
90	Spherical cap surface model: A novel method for predicting renal function after partial nephrectomy. International Journal of Urology, 2016, 23, 667-672.	0.5	4

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91	Metabolomics in Stem Cell Biology Research. Methods in Molecular Biology, 2019, 1975, 321-330.	0.4	4
92	Clinical outcomes of secondâ€line treatment following firstâ€line VEGFRâ€TKI failure in patients with metastatic renal cell carcinoma: a comparison of axitinib alone and axitinib plus antiâ€PDâ€1 antibody. Cancer Communications, 2021, 41, 1071-1074.	3.7	4
93	Renal Tissue Thawed for 30 Minutes Is Still Suitable for Gene Expression Analysis. PLoS ONE, 2014, 9, e93175.	1.1	4
94	Irregular pulsation of aneurysmal wall is associated with symptomatic and ruptured intracranial aneurysms. Journal of NeuroInterventional Surgery, 2023, 15, 91-96.	2.0	4
95	Association of <i>ATP2B1 </i>  i>common variants with asymptomatic intracranial and extracranial large artery stenosis in hypertension patients. Clinical and Experimental Hypertension, 2019, 41, 323-329.	0.5	3
96	Expression of PBRM1 as a prognostic predictor in metastatic renal cell carcinoma patients treated with tyrosine kinase inhibitor. International Journal of Clinical Oncology, 2020, 25, 338-346.	1.0	3
97	Epigenetic priming with decitabine followed by low dose idarubicin and cytarabine in acute myeloid leukemia evolving from myelodysplastic syndromes and higherâ€risk myelodysplastic syndromes: a prospective multicenter singleâ€arm trial. Hematological Oncology, 2020, 38, 531-540.	0.8	3
98	Natural history and growth kinetics of clear cell renal cell carcinoma in sporadic and von Hippel-Lindau disease. Translational Andrology and Urology, 2021, 10, 1064-1070.	0.6	3
99	Mid-to-long term oncologic and functional outcomes of zero ischemia laparoscopic microwave ablation-assisted tumor enucleation for renal cell carcinoma: a single-center experience. Translational Cancer Research, 2021, 10, 2328-2336.	0.4	3
100	GFOD1 and peejar are promising markers for clear-cell renal cell carcinoma disease progression. Oncotarget, 2016, 7, 38004-38009.	0.8	3
101	Re: Characterization of Clinical Cases of Advanced Papillary Renal Cell Carcinoma via Comprehensive Genomic Profiling. European Urology, 2018, 74, 398-399.	0.9	2
102	Associations between various attended automated office blood pressure estimations and all-cause and cardiovascular mortality: Minhang study. Journal of Hypertension, 2020, 38, 1072-1079.	0.3	2
103	Second-line treatment with axitinib plus toripalimab in metastatic renal cell carcinoma: a retrospective multicenter study. Future Oncology, 2022, 18, 1461-1471.	1.1	2
104	Efficacy of Transcranial Direct Current Stimulation Over Dorsolateral Prefrontal Cortex in Patients With Minimally Conscious State. Frontiers in Neurology, 2022, 13, 821286.	1.1	2
105	Prospective Clinical Trial of the Oncologic Outcomes and Safety of Extraperitoneal Laparoscopic Extended Retroperitoneal Lymph Node Dissection at Time of Nephroureterectomy for Upper Tract Urothelial Carcinoma. Frontiers in Oncology, 2022, 12, 791140.	1.3	2
106	TIKI2 is upregulated and plays an oncogenic role in renal cell carcinoma. Oncotarget, 2016, 7, 17212-17219.	0.8	1
107	Management of solid renal tumour associated with von Hippel-Lindau disease. Chinese Medical Journal, 2007, 120, 2049-52.	0.9	1
108	Evaluation of Clinical Outcomes of Antiangiogenic-Targeted Therapy in Patients with Pulmonary Metastatic Renal Cell Carcinoma Using Non–Contrast-Enhanced Computed Tomography. Academic Radiology, 2014, 21, 1434-1440.	1.3	O

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109	The value of blood oxygen level dependent (BOLD) imaging in evaluating post-operative renal function outcomes after laparoscopic partial nephrectomy. European Radiology, 2018, 28, 5035-5043.	2.3	0
110	DNA damage repair (DDR) pathway alteration in advanced renal cell carcinoma (RCC) is association with good progression-free survival with tyrosine kinase inhibitor (TKI) therapy Journal of Clinical Oncology, 2021, 39, 346-346.	0.8	0
111	Calcium signaling in mouse mesenteric small arteries: myogenic tone and adrenergic vasoconstriction. FASEB Journal, 2006, 20, A1174.	0.2	0
112	The synergistic effect of glucocorticoid on the mesenteric microcirculation in hemorrhagic shock rat. , $2014$ , , .		0
113	Epigenetic Priming with Decitabine Followed By Low-Dose Idarubicin Plus Cytarabine in AML Evolving from MDS or Higher Risk MDS: A Multicentre Phase 2 Single-Arm Trial. Blood, 2019, 134, 2594-2594.	0.6	0
114	Establishment of cell free conversion system with biotin-labelled recombinant PrPsen expressed in E. coli. Biomedical and Environmental Sciences, 2006, 19, 214-8.	0.2	0
115	Cognitive Function after Cardiopulmonary Bypass and Deep Hypothermic Circulatory Arrest in Management of Renal Cell Carcinoma with Vena Caval Thrombus. Urology, 2022, , .	0.5	O