

# Guangxu Jin

## List of Publications by Year in descending order

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43  
papers

2,129  
citations

394421

19  
h-index

330143

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g-index

44  
all docs

44  
docs citations

44  
times ranked

4008  
citing authors

#	ARTICLE	IF	CITATIONS
1	OUP accepted manuscript. Briefings in Bioinformatics, 2022, , .	6.5	0
2	NEDD4 degrades TUSC2 to promote glioblastoma progression. Cancer Letters, 2022, 531, 124-135.	7.2	6
3	Breast cancer extracellular vesicles-derived miR-1290 activates astrocytes in the brain metastatic microenvironment via the FOXA2â†’CNTF axis to promote progression of brain metastases. Cancer Letters, 2022, 540, 215726.	7.2	24
4	VOC-alarm: mutation-based prediction of SARS-CoV-2 variants of concern. Bioinformatics, 2022, 38, 3549-3556.	4.1	4
5	Origin-independent analysis links SARS-CoV-2 local genomes with COVID-19 incidence and mortality. Briefings in Bioinformatics, 2021, 22, 905-913.	6.5	1
6	TrkA Interacts with and Phosphorylates STAT3 to Enhance Gene Transcription and Promote Breast Cancer Stem Cells in Triple-Negative and HER2-Enriched Breast Cancers. Cancers, 2021, 13, 2340.	3.7	5
7	Abstract 1979: JAK2/STAT3 and TrkA pathways are frequently co-activated in triple-negative and HER2-enriched breast cancers and the co-activation correlates with an increased potential of metastasis. , 2021, , .		0
8	Adoptive cell therapy with tumor-specific Th9 cells induces viral mimicry to eliminate antigen-loss-variant tumor cells. Cancer Cell, 2021, 39, 1610-1622.e9.	16.8	25
9	Elimination of acquired resistance to PD-1 blockade via the concurrent depletion of tumour cells and immunosuppressive cells. Nature Biomedical Engineering, 2021, 5, 1306-1319.	22.5	21
10	Bulk and Single-Cell Profiling of Breast Tumors Identifies TREM-1 as a Dominant Immune Suppressive Marker Associated With Poor Outcomes. Frontiers in Oncology, 2021, 11, 734959.	2.8	8
11	Clinical Implications of Genetic Signatures in Appendiceal Cancer Patients with Incomplete Cytoreduction/HIPEC. Annals of Surgical Oncology, 2020, 27, 5016-5023.	1.5	10
12	Transcriptomic Features of T Cell-Barren Tumors Are Conserved Across Diverse Tumor Types. Frontiers in Immunology, 2020, 11, 57.	4.8	8
13	Prognostic Molecular Classification of Appendiceal Mucinous Neoplasms Treated with Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy. Annals of Surgical Oncology, 2020, 27, 1439-1447.	1.5	11
14	Dissecting intratumoral myeloid cell plasticity by single cell RNAâ€seq. Cancer Medicine, 2019, 8, 3072-3085.	2.8	103
15	IL-4 together with IL-1Î² induces antitumor Th9 cell differentiation in the absence of TGF-Î² signaling. Nature Communications, 2019, 10, 1376.	12.8	74
16	PRESM: personalized reference editor for somatic mutation discovery in cancer genomics. Bioinformatics, 2019, 35, 1445-1452.	4.1	6
17	Interaction between STAT3 and GLI1/tGLI1 oncogenic transcription factors promotes the aggressiveness of triple-negative breast cancers and HER2-enriched breast cancer. Oncogene, 2018, 37, 2502-2514.	5.9	69
18	SPARC Inhibits Metabolic Plasticity in Ovarian Cancer. Cancers, 2018, 10, 385.	3.7	20

#	ARTICLE	IF	CITATIONS
19	Loss of XIST in Breast Cancer Activates MSN-c-Met and Reprograms Microglia via Exosomal miRNA to Promote Brain Metastasis. <i>Cancer Research</i> , 2018, 78, 4316-4330.	0.9	233
20	Tumor mutational burden is a determinant of immune-mediated survival in breast cancer. <i>Oncolmmunology</i> , 2018, 7, e1490854.	4.6	200
21	Safety and tolerability of the first-in-class agent CPI-613 in combination with modified FOLFIRINOX in patients with metastatic pancreatic cancer: a single-centre, open-label, dose-escalation, phase 1 trial. <i>Lancet Oncology</i> , The, 2017, 18, 770-778.	10.7	167
22	Bayesian network model for identification of pathways by integrating protein interaction with genetic interaction data. <i>BMC Systems Biology</i> , 2017, 11, 81.	3.0	13
23	Computational systems biology in cancer brain metastasis. <i>Frontiers in Bioscience - Scholar</i> , 2016, 8, 169-186.	2.1	6
24	Modeling the relationship of epigenetic modifications to transcription factor binding. <i>Nucleic Acids Research</i> , 2015, 43, 3873-3885.	14.5	86
25	Enhanced Petri Net: elucidating the pathway-level mechanism of targeted-therapy drugs. <i>IT - Information Technology</i> , 2014, 56, 67-75.	0.9	0
26	Proteomics-Based Theranostics. , 2014, , 21-42.		0
27	Chloroquine Eliminates Cancer Stem Cells Through Deregulation of Jak2 and DNMT1. <i>Stem Cells</i> , 2014, 32, 2309-2323.	3.2	95
28	Toward better drug repositioning: prioritizing and integrating existing methods into efficient pipelines. <i>Drug Discovery Today</i> , 2014, 19, 637-644.	6.4	333
29	Differential effects of low and high dose GW2974, a dual epidermal growth factor receptor and HER2 kinase inhibitor, on glioblastoma multiforme invasion. <i>Journal of Neuroscience Research</i> , 2013, 91, 128-137.	2.9	9
30	DrugMap Central: an on-line query and visualization tool to facilitate drug repositioning studies. <i>Bioinformatics</i> , 2013, 29, 1834-1836.	4.1	38
31	Transcriptional signaling pathways inversely regulated in Alzheimer's disease and glioblastoma multiform. <i>Scientific Reports</i> , 2013, 3, 3467.	3.3	50
32	Novel Modeling of Cancer Cell Signaling Pathways Enables Systematic Drug Repositioning for Distinct Breast Cancer Metastases. <i>Cancer Research</i> , 2013, 73, 6149-6163.	0.9	44
33	Chapter 17: Bioimage Informatics for Systems Pharmacology. <i>PLoS Computational Biology</i> , 2013, 9, e1003043.	3.2	26
34	A Novel Method of Transcriptional Response Analysis to Facilitate Drug Repositioning for Cancer Therapy. <i>Cancer Research</i> , 2012, 72, 33-44.	0.9	85
35	Identification of oncogenic genes for colon adenocarcinoma from genomics data. , 2012, , .		1
36	The effect of mTOR inhibition alone or combined with MEK inhibitors on brain metastasis: an in vivo analysis in triple-negative breast cancer models. <i>Breast Cancer Research and Treatment</i> , 2012, 131, 425-436.	2.5	38

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37	Identification of novel small-molecule inhibitors of glioblastoma cell growth and invasion by high-throughput screening. <i>BioScience Trends</i> , 2012, 6, 192-200.	3.4	10
38	An enhanced Petri-net model to predict synergistic effects of pairwise drug combinations from gene microarray data. <i>Bioinformatics</i> , 2011, 27, i310-i316.	4.1	50
39	Modeling post-transcriptional regulation activity of small non-coding RNAs in <i>Escherichia coli</i> . <i>BMC Bioinformatics</i> , 2009, 10, S6.	2.6	11
40	Unraveling the signal-transduction networks in cancer metastasis [Life Sciences]. <i>IEEE Signal Processing Magazine</i> , 2009, 26, 129-132.	5.6	2
41	The Knowledge-Integrated Network Biomarkers Discovery for Major Adverse Cardiac Events. <i>Journal of Proteome Research</i> , 2008, 7, 4013-4021.	3.7	67
42	Discovering functions and revealing mechanisms at molecular level from biological networks. <i>Proteomics</i> , 2007, 7, 2856-2869.	2.2	110
43	Hubs with Network Motifs Organize Modularity Dynamically in the Protein-Protein Interaction Network of Yeast. <i>PLoS ONE</i> , 2007, 2, e1207.	2.5	60