

Guangxu Jin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2132038/publications.pdf>

Version: 2024-02-01

43
papers

2,129
citations

394421

19
h-index

330143

37
g-index

44
all docs

44
docs citations

44
times ranked

4008
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward better drug repositioning: prioritizing and integrating existing methods into efficient pipelines. <i>Drug Discovery Today</i> , 2014, 19, 637-644.	6.4	333
2	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
3	Tumor mutational burden is a determinant of immune-mediated survival in breast cancer. <i>OncoImmunology</i> , 2018, 7, e1490854.	4.6	200
4	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
5	Discovering functions and revealing mechanisms at molecular level from biological networks. <i>Proteomics</i> , 2007, 7, 2856-2869.	2.2	110
6	Dissecting intratumoral myeloid cell plasticity by single cell RNA-seq. <i>Cancer Medicine</i> , 2019, 8, 3072-3085.	2.8	103
7	Chloroquine Eliminates Cancer Stem Cells Through Deregulation of Jak2 and DNMT1. <i>Stem Cells</i> , 2014, 32, 2309-2323.	3.2	95
8	Modeling the relationship of epigenetic modifications to transcription factor binding. <i>Nucleic Acids Research</i> , 2015, 43, 3873-3885.	14.5	86
9	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
10	IL-4 together with IL-1 β induces antitumor Th9 cell differentiation in the absence of TGF- β signaling. <i>Nature Communications</i> , 2019, 10, 1376.	12.8	74
11	Interaction between STAT3 and GLI1/tGLI1 oncogenic transcription factors promotes the aggressiveness of triple-negative breast cancers and HER2-enriched breast cancer. <i>Oncogene</i> , 2018, 37, 2502-2514.	5.9	69
12	The Knowledge-Integrated Network Biomarkers Discovery for Major Adverse Cardiac Events. <i>Journal of Proteome Research</i> , 2008, 7, 4013-4021.	3.7	67
13	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
14	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
15	Transcriptional signaling pathways inversely regulated in Alzheimer's disease and glioblastoma multiform. <i>Scientific Reports</i> , 2013, 3, 3467.	3.3	50
16	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
17	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
18	DrugMap Central: an on-line query and visualization tool to facilitate drug repositioning studies. <i>Bioinformatics</i> , 2013, 29, 1834-1836.	4.1	38

#	ARTICLE	IF	CITATIONS
19	Chapter 17: Bioimage Informatics for Systems Pharmacology. PLoS Computational Biology, 2013, 9, e1003043.	3.2	26
20	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
21	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
22	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
23	SPARC Inhibits Metabolic Plasticity in Ovarian Cancer. Cancers, 2018, 10, 385.	3.7	20
24	Bayesian network model for identification of pathways by integrating protein interaction with genetic interaction data. BMC Systems Biology, 2017, 11, 81.	3.0	13
25	Modeling post-transcriptional regulation activity of small non-coding RNAs in Escherichia coli. BMC Bioinformatics, 2009, 10, S6.	2.6	11
26	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
27	Clinical Implications of Genetic Signatures in Appendiceal Cancer Patients with Incomplete Cytoreduction/HIPEC. Annals of Surgical Oncology, 2020, 27, 5016-5023.	1.5	10
28	Identification of novel small-molecule inhibitors of glioblastoma cell growth and invasion by high-throughput screening. BioScience Trends, 2012, 6, 192-200.	3.4	10
29	Differential effects of lowâ€•and highâ€•dose GW2974, a dual epidermal growth factor receptor and HER2 kinase inhibitor, on glioblastoma multiforme invasion. Journal of Neuroscience Research, 2013, 91, 128-137.	2.9	9
30	Transcriptomic Features of T Cell-Barren Tumors Are Conserved Across Diverse Tumor Types. Frontiers in Immunology, 2020, 11, 57.	4.8	8
31	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
32	Computational systems biology in cancer brain metastasis. Frontiers in Bioscience - Scholar, 2016, 8, 169-186.	2.1	6
33	PRESM: personalized reference editor for somatic mutation discovery in cancer genomics. Bioinformatics, 2019, 35, 1445-1452.	4.1	6
34	NEDD4 degrades TUSC2 to promote glioblastoma progression. Cancer Letters, 2022, 531, 124-135.	7.2	6
35	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
36	VOC-alarm: mutation-based prediction of SARS-CoV-2 variants of concern. Bioinformatics, 2022, 38, 3549-3556.	4.1	4

#	ARTICLE	IF	CITATIONS
37	Unraveling the signal-transduction networks in cancer metastasis [Life Sciences]. IEEE Signal Processing Magazine, 2009, 26, 129-132.	5.6	2
38	Identification of oncogenic genes for colon adenocarcinoma from genomics data. , 2012, , .		1
39	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
40	Enhanced Petri Net: elucidating the pathway-level mechanism of targeted-therapy drugs. IT - Information Technology, 2014, 56, 67-75.	0.9	0
41	Proteomics-Based Theranostics. , 2014, , 21-42.		0
42	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
43	OUP accepted manuscript. Briefings in Bioinformatics, 2022, , .	6.5	0