

# Jianzhen Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2729009/publications.pdf>

Version: 2024-02-01

29  
papers

4,866  
citations

516561

16  
h-index

477173

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

11750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
2	Discovering disease-genes by topological features in human protein-protein interaction network. <i>Bioinformatics</i> , 2006, 22, 2800-2805.	1.8	422
3	Circular RNAs: Biogenesis, Mechanism, and Function in Human Cancers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3926.	1.8	160
4	Computational approaches for microRNA studies: a review. <i>Mammalian Genome</i> , 2010, 21, 1-12.	1.0	152
5	MicroRNA-192 targeting retinoblastoma 1 inhibits cell proliferation and induces cell apoptosis in lung cancer cells. <i>Nucleic Acids Research</i> , 2011, 39, 6669-6678.	6.5	147
6	Towards precise classification of cancers based on robust gene functional expression profiles. <i>BMC Bioinformatics</i> , 2005, 6, 58.	1.2	146
7	MicroRNAs in autophagy and their emerging roles in crosstalk with apoptosis. <i>Autophagy</i> , 2012, 8, 873-882.	4.3	128
8	Downregulations of Bcl-2 and myeloid cell leukemia sequence 1 by microRNA 153 induce apoptosis in a glioblastoma cell line DBTRG-G5MG. <i>International Journal of Cancer</i> , 2010, 126, 1029-1035.	2.3	104
9	A computational screen for mouse signaling pathways targeted by microRNA clusters. <i>Rna</i> , 2008, 14, 1276-1283.	1.6	87
10	Chromatin-modifying drugs induce miRNA-153 expression to suppress Irs2 in glioblastoma cell lines. <i>International Journal of Cancer</i> , 2011, 129, 2527-2531.	2.3	64
11	RAID: a comprehensive resource for human RNA-associated (RNA-RNA/RNA-protein) interaction. <i>Rna</i> , 2014, 20, 989-993.	1.6	54
12	Connect the dots. <i>Autophagy</i> , 2013, 9, 436-439.	4.3	46
13	miRNA-mRNA Interaction Network in Non-small Cell Lung Cancer. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2016, 8, 209-219.	2.2	40
14	Effects of replacing the unreliable cDNA microarray measurements on the disease classification based on gene expression profiles and functional modules. <i>Bioinformatics</i> , 2006, 22, 2883-2889.	1.8	36
15	LncRNAs and Esophageal Squamous Cell Carcinoma - Implications for Pathogenesis and Drug Development. <i>Journal of Cancer</i> , 2016, 7, 1258-1264.	1.2	33
16	Current and Emerging Biomarkers of Cell Death in Human Disease. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	20
17	circRNA expression analysis in lung adenocarcinoma: comparison of paired fresh frozen and formalin-fixed paraffin-embedded specimens. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 738-743.	1.0	14
18	TRA2A Binds With LncRNA MALAT1 To Promote Esophageal Cancer Progression By Regulating EZH2/β2-catenin Pathway. <i>Journal of Cancer</i> , 2021, 12, 4883-4890.	1.2	13

#	ARTICLE	IF	CITATIONS
19	Enrichment Analysis of miRNA Targets. <i>Methods in Molecular Biology</i> , 2013, 936, 91-103.	0.4	12
20	circ-NOL10 regulated by MTDH/CASC3 inhibits breast cancer progression and metastasis via multiple miRNAs and PDCD4. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 773-786.	2.3	12
21	RPiRLS: Quantitative Predictions of RNA Interacting with Any Protein of Known Sequence. <i>Molecules</i> , 2018, 23, 540.	1.7	10
22	Decreasing the homodimer interaction: a common mechanism shared by the deltaG91 mutation and deamidation in betaA3-crystallin. <i>Molecular Vision</i> , 2010, 16, 438-44.	1.1	9
23	RBPvsMIR: A Computational Pipeline to Identify Competing miRNAs and RNA-Binding Protein Pairs Regulating the Shared Transcripts. <i>Genes</i> , 2018, 9, 426.	1.0	8
24	Computational Drug Repurposing Based on a Recommendation System and Drug-Drug Functional Pathway Similarity. <i>Molecules</i> , 2022, 27, 1404.	1.7	7
25	Revisiting the Relationship Between Alzheimer's Disease and Cancer With a circRNA Perspective. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 647197.	1.8	6
26	Characterizing the tumor RBP-ncRNA circuits by integrating transcriptomics, interactomics and clinical data. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 5235-5245.	1.9	6
27	Cell Death in Human Health and Disease. <i>BioMed Research International</i> , 2014, 2014, 1-2.	0.9	5
28	OmicsARules: a R package for integration of multi-omics datasets via association rules mining. <i>BMC Bioinformatics</i> , 2019, 20, 554.	1.2	2
29	TGStools: A Bioinformatics Suit to Facilitate Transcriptome Analysis of Long Reads from Third Generation Sequencing Platform. <i>Genes</i> , 2019, 10, 519.	1.0	1