

# Tian Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5663556/publications.pdf>

Version: 2024-02-01

20  
papers

1,334  
citations

686830

13  
h-index

752256

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual proteome-scale networks reveal cell-specific remodeling of the human interactome. <i>Cell</i> , 2021, 184, 3022-3040.e28.	13.5	455
2	A human-airway-on-a-chip for the rapid identification of candidate antiviral therapeutics and prophylactics. <i>Nature Biomedical Engineering</i> , 2021, 5, 815-829.	11.6	228
3	3D Culture Models with CRISPR Screens Reveal Hyperactive NRF2 as a Prerequisite for Spheroid Formation via Regulation of Proliferation and Ferroptosis. <i>Molecular Cell</i> , 2020, 80, 828-844.e6.	4.5	110
4	Characteristics of Endodontic Emergencies during Coronavirus Disease 2019 Outbreak in Wuhan. <i>Journal of Endodontics</i> , 2020, 46, 730-735.	1.4	80
5	Cdk1 Controls Global Epigenetic Landscape in Embryonic Stem Cells. <i>Molecular Cell</i> , 2020, 78, 459-476.e13.	4.5	76
6	Systems-based proteomics to resolve the biology of Alzheimer's disease beyond amyloid and tau. <i>Neuropsychopharmacology</i> , 2021, 46, 98-115.	2.8	70
7	Quantitative Analysis of the Brain Ubiquitylome in Alzheimer's Disease. <i>Proteomics</i> , 2018, 18, e1800108.	1.3	50
8	Discordant results between conventional newborn screening and genomic sequencing in the BabySeq Project. <i>Genetics in Medicine</i> , 2021, 23, 1372-1375.	1.1	47
9	A multi-scale map of cell structure fusing protein images and interactions. <i>Nature</i> , 2021, 600, 536-542.	13.7	43
10	CDC7-independent G1/S transition revealed by targeted protein degradation. <i>Nature</i> , 2022, 605, 357-365.	13.7	38
11	Treatment of Oral Biofilms by a D-Enantiomeric Peptide. <i>PLoS ONE</i> , 2016, 11, e0166997.	1.1	37
12	Temporal Proteomic Profiling of SH-SY5Y Differentiation with Retinoic Acid Using FAIMS and Real-Time Searching. <i>Journal of Proteome Research</i> , 2021, 20, 704-714.	1.8	24
13	Targeting the cyclin-dependent kinase 5 in metastatic melanoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8001-8012.	3.3	21
14	Mechanism of p38 MAPK-induced EGFR endocytosis and its crosstalk with ligand-induced pathways. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	19
15	Strain-Specific Peptide (SSP) Interference Reference Sample: A Genetically Encoded Quality Control for Isobaric Tagging Strategies. <i>Analytical Chemistry</i> , 2021, 93, 5241-5247.	3.2	8
16	Recovery of Oral In Vitro Biofilms after Exposure to Peptides and Chlorhexidine. <i>Journal of Endodontics</i> , 2021, 47, 466-471.	1.4	7
17	Clonal populations of a human TNBC model display significant functional heterogeneity and divergent growth dynamics in distinct contexts. <i>Oncogene</i> , 2022, 41, 112-124.	2.6	6
18	Interrogating Kinase-Substrate Relationships with Proximity Labeling and Phosphorylation Enrichment. <i>Journal of Proteome Research</i> , 2022, 21, 494-506.	1.8	6

#	ARTICLE	IF	CITATIONS
19	A phenotypically severe, biochemically "silent" case of HIBCH deficiency in a newborn diagnosed by rapid whole exome sequencing and enzymatic testing. American Journal of Medical Genetics, Part A, 2020, 182, 780-784.	0.7	4
20	Striated Preferentially Expressed Protein Kinase (SPEC)-Deficient Skeletal Muscles Display Fewer Satellite Cells with Reduced Proliferation and Delayed Differentiation. American Journal of Pathology, 2020, 190, 2453-2463.	1.9	4