

Hsin-Yao Tang

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,624
citations

218381

26
h-index

223531

46
g-index

53
all docs

53
docs citations

53
times ranked

4596
citing authors

#	ARTICLE	IF	CITATIONS
1	sFRP2 in the aged microenvironment drives melanoma metastasis and therapy resistance. <i>Nature</i> , 2016, 532, 250-254.	13.7	290
2	Remodeling of the Collagen Matrix in Aging Skin Promotes Melanoma Metastasis and Affects Immune Cell Motility. <i>Cancer Discovery</i> , 2019, 9, 64-81.	7.7	260
3	NAD ⁺ metabolism governs the proinflammatory senescence-associated secretome. <i>Nature Cell Biology</i> , 2019, 21, 397-407.	4.6	232
4	Mechanosensing by the Lamina Protects against Nuclear Rupture, DNA Damage, and Cell-Cycle Arrest. <i>Developmental Cell</i> , 2019, 49, 920-935.e5.	3.1	217
5	Mitochondrial Akt Regulation of Hypoxic Tumor Reprogramming. <i>Cancer Cell</i> , 2016, 30, 257-272.	7.7	158
6	The Mitochondrial Unfoldase-Peptidase Complex ClpXP Controls Bioenergetics Stress and Metastasis. <i>PLoS Biology</i> , 2016, 14, e1002507.	2.6	118
7	Plasma Markers of Disrupted Gut Permeability in Severe COVID-19 Patients. <i>Frontiers in Immunology</i> , 2021, 12, 686240.	2.2	97
8	Remodeling of the malaria parasite and host human red cell by vesicle amplification that induces artemisinin resistance. <i>Blood</i> , 2018, 131, 1234-1247.	0.6	80
9	Changes in Aged Fibroblast Lipid Metabolism Induce Age-Dependent Melanoma Cell Resistance to Targeted Therapy via the Fatty Acid Transporter FATP2. <i>Cancer Discovery</i> , 2020, 10, 1282-1295.	7.7	75
10	Protein isoform-specific validation defines multiple chloride intracellular channel and tropomyosin isoforms as serological biomarkers of ovarian cancer. <i>Journal of Proteomics</i> , 2013, 89, 165-178.	1.2	69
11	Stromal changes in the aged lung induce an emergence from melanoma dormancy. <i>Nature</i> , 2022, 606, 396-405.	13.7	67
12	Exosomal α 2 β 6 integrin is required for monocyte M2 polarization in prostate cancer. <i>Matrix Biology</i> , 2018, 70, 20-35.	1.5	54
13	Oligodendrocyte-derived extracellular vesicles as antigen-specific therapy for autoimmune neuroinflammation in mice. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	54
14	A Xenograft Mouse Model Coupled with In-depth Plasma Proteome Analysis Facilitates Identification of Novel Serum Biomarkers for Human Ovarian Cancer. <i>Journal of Proteome Research</i> , 2012, 11, 678-691.	1.8	51
15	The mitophagy effector FUNDC1 controls mitochondrial reprogramming and cellular plasticity in cancer cells. <i>Science Signaling</i> , 2020, 13, .	1.6	51
16	Proximity labeling identifies a repertoire of site-specific R-loop modulators. <i>Nature Communications</i> , 2022, 13, 53.	5.8	49
17	Syntaxin Ubiquitination Regulates Mitochondrial Dynamics and Tumor Cell Movements. <i>Cancer Research</i> , 2018, 78, 4215-4228.	0.4	47
18	SWI/SNF catalytic subunits α ™ switch drives resistance to EZH2 inhibitors in ARID1A-mutated cells. <i>Nature Communications</i> , 2018, 9, 4116.	5.8	38

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19	Uncovering Thousands of New Peptides with Sequence-Mask-Search Hybrid De Novo Peptide Sequencing Framework. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2478-2491.	2.5	36
20	Topoisomerase 1 cleavage complex enables pattern recognition and inflammation during senescence. <i>Nature Communications</i> , 2020, 11, 908.	5.8	36
21	Targeting glutamine dependence through GLS1 inhibition suppresses ARID1A-inactivated clear cell ovarian carcinoma. <i>Nature Cancer</i> , 2021, 2, 189-200.	5.7	36
22	Rapid Verification of Candidate Serological Biomarkers Using Gel-based, Label-free Multiple Reaction Monitoring. <i>Journal of Proteome Research</i> , 2011, 10, 4005-4017.	1.8	35
23	ARID1A spatially partitions interphase chromosomes. <i>Science Advances</i> , 2019, 5, eaaw5294.	4.7	35
24	MFF Regulation of Mitochondrial Cell Death Is a Therapeutic Target in Cancer. <i>Cancer Research</i> , 2019, 79, 6215-6226.	0.4	34
25	Comparative Secretome Analysis of Epithelial and Mesenchymal Subpopulations of Head and Neck Squamous Cell Carcinoma Identifies S100A4 as a Potential Therapeutic Target. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3778-3792.	2.5	32
26	Akt phosphorylation of mitochondrial Lonp1 protease enables oxidative metabolism and advanced tumor traits. <i>Oncogene</i> , 2019, 38, 6926-6939.	2.6	32
27	Non-invasive plasma glycomic and metabolic biomarkers of post-treatment control of HIV. <i>Nature Communications</i> , 2021, 12, 3922.	5.8	31
28	Glycolysis downregulation is a hallmark of HIV-1 latency and sensitizes infected cells to oxidative stress. <i>EMBO Molecular Medicine</i> , 2021, 13, e13901.	3.3	30
29	Myc-mediated transcriptional regulation of the mitochondrial chaperone TRAP1 controls primary and metastatic tumor growth. <i>Journal of Biological Chemistry</i> , 2019, 294, 10407-10414.	1.6	25
30	Markers of fungal translocation are elevated during post-acute sequelae of SARS-CoV-2 and induce NF- κ B signaling. <i>JCI Insight</i> , 2022, 7, .	2.3	23
31	Comprehensive analysis of the ubiquitinome during oncogene-induced senescence in human fibroblasts. <i>Cell Cycle</i> , 2015, 14, 1540-1547.	1.3	22
32	A multi-omics approach to Epstein-Barr virus immortalization of B-cells reveals EBNA1 chromatin pioneering activities targeting nucleotide metabolism. <i>PLoS Pathogens</i> , 2021, 17, e1009208.	2.1	21
33	A cancer ubiquitome landscape identifies metabolic reprogramming as target of Parkin tumor suppression. <i>Science Advances</i> , 2021, 7, .	4.7	19
34	Label-free mass spectrometry exploits dozens of detected peptides to quantify lamins in wildtype and knockdown cells. <i>Nucleus</i> , 2013, 4, 450-459.	0.6	16
35	A Novel Inhibitor of HSP70 Induces Mitochondrial Toxicity and Immune Cell Recruitment in Tumors. <i>Cancer Research</i> , 2020, 80, 5270-5281.	0.4	15
36	Phospholipid Metabolism Is Associated with Time to HIV Rebound upon Treatment Interruption. <i>MBio</i> , 2021, 12, .	1.8	15

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37	Protein Posttranslational Signatures Identified in COVID-19 Patient Plasma. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 807149.	1.8	15
38	Ghost mitochondria drive metastasis through adaptive GCN2/Akt therapeutic vulnerability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	12
39	Dysferlin and Other Non-Red Cell Proteins Accumulate in the Red Cell Membrane of Diamond-Blackfan Anemia Patients. <i>PLoS ONE</i> , 2014, 9, e85504.	1.1	11
40	EBNA2 driven enhancer switching at the CIITA-DEXI locus suppresses HLA class II gene expression during EBV infection of B-lymphocytes. <i>PLoS Pathogens</i> , 2021, 17, e1009834.	2.1	10
41	Measuring MYC-Mediated Metabolism in Tumorigenesis. <i>Methods in Molecular Biology</i> , 2021, 2318, 231-239.	0.4	5
42	Short prolactin isoforms are expressed in photoreceptors of canine retinas undergoing retinal degeneration. <i>Scientific Reports</i> , 2021, 11, 460.	1.6	3
43	Detection of the Ubiquitinome in Cells Undergoing Oncogene-Induced Senescence. <i>Methods in Molecular Biology</i> , 2017, 1534, 127-137.	0.4	1