Hai-long Piao

List of Publications by Year
in descending order

52 papers	3,246 citations	236612 25 h-index	174990 52 g-index
55 all docs	55 docs citations	55 times ranked	4634 citing authors

#	Article	IF	Citations
1	Long noncoding RNA MALAT1 suppresses breast cancer metastasis. Nature Genetics, 2018, 50, 1705-1715.	9.4	561
2	Fructose-1,6-bisphosphate and aldolase mediate glucose sensing by AMPK. Nature, 2017, 548, 112-116.	13.7	469
3	The double-edged roles of ROS in cancer prevention and therapy. Theranostics, 2021, 11, 4839-4857.	4.6	260
4	Low-dose metformin targets the lysosomal AMPK pathway through PEN2. Nature, 2022, 603, 159-165.	13.7	205
5	Deubiquitylation and stabilization of PTEN by USP13. Nature Cell Biology, 2013, 15, 1486-1494.	4.6	172
6	LncRNA CamK-A Regulates Ca2+-Signaling-Mediated Tumor Microenvironment Remodeling. Molecular Cell, 2018, 72, 71-83.e7.	4.5	119
7	Integration of lipidomics and transcriptomics unravels aberrant lipid metabolism and defines cholesteryl oleate as potential biomarker of prostate cancer. Scientific Reports, 2016, 6, 20984.	1.6	103
8	RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. Journal of Clinical Investigation, 2021, 131, .	3.9	103
9	Hierarchical activation of compartmentalized pools of AMPK depends on severity of nutrient or energy stress. Cell Research, 2019, 29, 460-473.	5.7	101
10	Transient Receptor Potential V Channels Are Essential for Glucose Sensing by Aldolase and AMPK. Cell Metabolism, 2019, 30, 508-524.e12.	7.2	86
11	Non-Coding RNAs as Regulators of Mammary Development and Breast Cancer. Journal of Mammary Gland Biology and Neoplasia, 2012, 17, 33-42.	1.0	74
12	Î±-catenin acts as a tumour suppressor in E-cadherin-negative basal-like breast cancer by inhibiting NF-ÎºB signalling. Nature Cell Biology, 2014, 16, 245-254.	4.6	74
13	Mitochondrial long non-coding RNA GAS5 tunes TCA metabolism in response to nutrient stress. Nature Metabolism, 2021, 3, 90-106.	5.1	71
14	Creatine promotes cancer metastasis through activation of Smad2/3. Cell Metabolism, 2021, 33, 1111-1123.e4.	7.2	60
15	Stable Superâ€Resolution Imaging of Lipid Droplet Dynamics through a Buffer Strategy with a Hydrogenâ€Bond Sensitive Fluorogenic Probe. Angewandte Chemie - International Edition, 2021, 60, 25104-25113.	7.2	60
16	Metabolomics and transcriptomics profiles reveal the dysregulation of the tricarboxylic acid cycle and related mechanisms in prostate cancer. International Journal of Cancer, 2018, 143, 396-407.	2.3	57
17	Integrated Metabolomics and Lipidomics Analyses Reveal Metabolic Reprogramming in Human Glioma with IDH1 Mutation. Journal of Proteome Research, 2019, 18, 960-969.	1.8	56
18	USP10 suppresses tumor progression by inhibiting mTOR activation in hepatocellular carcinoma. Cancer Letters, 2018, 436, 139-148.	3.2	49

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19	USP22 regulates lipidome accumulation by stabilizing PPARÎ³ in hepatocellular carcinoma. Nature Communications, 2022, 13, 2187.	5.8	49
20	Saikosaponin D from Radix Bupleuri suppresses triple-negative breast cancer cell growth by targeting Î²-catenin signaling. Biomedicine and Pharmacotherapy, 2018, 108, 724-733.	2.5	46
21	F-box proteins and cancer: an update from functional and regulatory mechanism to therapeutic clinical prospects. Theranostics, 2020, 10, 4150-4167.	4.6	44
22	Rational Design of Crystallizationâ€Inducedâ€Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. Angewandte Chemie - International Edition, 2021, 60, 16067-16076.	7.2	42
23	A multi-omics investigation of the molecular characteristics and classification of six metabolic syndrome relevant diseases. Theranostics, 2020, 10, 2029-2046.	4.6	35
24	Proteomic Analysis of the Human Cyclin-dependent Kinase Family Reveals a Novel CDK5 Complex Involved in Cell Growth and Migration. Molecular and Cellular Proteomics, 2014, 13, 2986-3000.	2.5	34
25	Metabolomics profiling of metformin-mediated metabolic reprogramming bypassing AMPKÎ±. Metabolism: Clinical and Experimental, 2019, 91, 18-29.	1.5	30
26	Aldolase is a sensor for both low and high glucose, linking to AMPK and mTORC1. Cell Research, 2021, 31, 478-481.	5.7	29
27	Identification and Characterization of Robust Hepatocellular Carcinoma Prognostic Subtypes Based on an Integrative Metaboliteâ€Protein Interaction Network. Advanced Science, 2021, 8, e2100311.	5.6	28
28	A Multidimensional Characterization of E3ÂUbiquitin Ligase and Substrate Interaction Network. IScience, 2019, 16, 177-191.	1.9	23
29	YB1 regulates miRâ€205/200bâ€ZEB1 axis by inhibiting microRNA maturation in hepatocellular carcinoma. Cancer Communications, 2021, 41, 576-595.	3.7	18
30	HRD1 inhibits fatty acid oxidation and tumorigenesis by ubiquitinating CPT2 in tripleâ€negative breast cancer. Molecular Oncology, 2021, 15, 642-656.	2.1	17
31	Identification of SPOP related metabolic pathways in prostate cancer. Oncotarget, 2017, 8, 103032-103046.	0.8	16
32	Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. Toxicology in Vitro, 2017, 44, 36-43.	1.1	15
33	Comprehensive Profiling by Nonâ€targeted Stable Isotope Tracing Capillary Electrophoresisâ€Mass Spectrometry: A New Tool Complementing Metabolomic Analyses of Polar Metabolites. Chemistry - A European Journal, 2019, 25, 5427-5432.	1.7	15
34	AQP3â€mediated H₂O₂ uptake inhibits LUAD autophagy by inactivating PTEN. Cancer Science, 2021, 112, 3278-3292.	1.7	13
35	An integrative pan-cancer analysis of biological and clinical impacts underlying ubiquitin-specific-processing proteases. Oncogene, 2020, 39, 587-602.	2.6	11
36	Preparation and antitumor activity of selenium-modified glucomannan oligosaccharides. Journal of Functional Foods, 2020, 65, 103731.	1.6	11

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37	A fluorophore's electron-deficiency does matter in designing high-performance near-infrared fluorescent probes. Chemical Science, 2020, 11, 11205-11213.	3.7	10
38	Biochemical reactions in metabolite-protein interaction. Chinese Chemical Letters, 2018, 29, 645-647.	4.8	9
39	Hepatic MDM2 Causes Metabolic Associated Fatty Liver Disease by Blocking Triglycerideâ€VLDL Secretion via ApoB Degradation. Advanced Science, 2022, 9, e2200742.	5.6	9
40	Midkine noncanonically suppresses AMPK activation through disrupting the LKB1-STRAD-Mo25 complex. Cell Death and Disease, 2022, 13, 414.	2.7	8
41	Label-free cell phenotypic study of FFA4 and FFA1 and discovery of novel agonists of FFA4 from natural products. RSC Advances, 2019, 9, 15073-15083.	1.7	7
42	Identification of a long nonâ€'coding RNAâ€'mediated competitive endogenous RNA network in hepatocellular carcinoma. Oncology Reports, 2019, 42, 745-752.	1.2	7
43	Metabolomic Characterization Reveals ILF2 and ILF3 Affected Metabolic Adaptions in Esophageal Squamous Cell Carcinoma. Frontiers in Molecular Biosciences, 2021, 8, 721990.	1.6	6
44	Semi-Quantitatively Designing Two-Photon High-Performance Fluorescent Probes for Glutathione S-Transferases. Research, 2020, 2020, 7043124.	2.8	6
45	Identification of serum metabolites enhancing inflammatory responses in COVID-19. Science China Life Sciences, 2022, 65, 1971-1984.	2.3	6
46	PLIN2 promotes HCC cells proliferation by inhibiting the degradation of HIF1Î±. Experimental Cell Research, 2022, 418, 113244.	1.2	5
47	SAR Studies of N-[2-(1H-Tetrazol-5-yl)phenyl]benzamide Derivatives as Potent G Protein-Coupled Receptor-35 Agonists. ACS Medicinal Chemistry Letters, 2018, 9, 422-427.	1.3	4
48	HDNA methylation data-based molecular subtype classification related to the prognosis of patients with hepatocellular carcinoma. BMC Medical Genomics, 2020, 13, 118.	0.7	4
49	Rational Design of Crystallizationâ€Inducedâ€Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. Angewandte Chemie, 2021, 133, 16203-16212.	1.6	4
50	Highâ€throughput metabolic profiling based on small amount of hepatic cells. Electrophoresis, 2017, 38, 2296-2303.	1.3	3
51	Cholesterol as a functional metabolite cooperates with metadherin in cancer cells. Chinese Chemical Letters, 2020, 31, 1831-1834.	4.8	1
52	PTEN-deficient cells prefer glutamine for metabolic synthesis. Acta Biochimica Et Biophysica Sinica, 2020, 52, 251-258.	0.9	1