Hai-long Piao

List of Publications by Citations

51	1,581	18	39
papers	citations	h-index	g-index
55	2,358	11.5	4.45
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
51	Long noncoding RNA MALAT1 suppresses breast cancer metastasis. *Nature Genetics*, **2018**, 50, 1705-1715	36.3	335
50	Fructose-1,6-bisphosphate and aldolase mediate glucose sensing by AMPK. *Nature*, **2017**, 548, 112-116	50.4	300
49	Deubiquitylation and stabilization of PTEN by USP13. *Nature Cell Biology*, **2013**, 15, 1486-1494	23.4	119
48	Integration of lipidomics and transcriptomics unravels aberrant lipid metabolism and defines cholesteryl oleate as potential biomarker of prostate cancer. *Scientific Reports*, **2016**, 6, 20984	4.9	82
47	Non-coding RNAs as regulators of mammary development and breast cancer. *Journal of Mammary Gland Biology and Neoplasia*, **2012**, 17, 33-42	2.4	68
46	LncRNA CamK-A Regulates Ca-Signaling-Mediated Tumor Microenvironment Remodeling. *Molecular Cell*, **2018**, 72, 71-83.e7	17.6	65
45	The double-edged roles of ROS in cancer prevention and therapy. *Theranostics*, **2021**, 11, 4839-4857	12.1	60
44	β-catenin acts as a tumour suppressor in E-cadherin-negative basal-like breast cancer by inhibiting NF-κB signalling. *Nature Cell Biology*, **2014**, 16, 245-54	23.4	58
43	Hierarchical activation of compartmentalized pools of AMPK depends on severity of nutrient or energy stress. *Cell Research*, **2019**, 29, 460-473	24.7	54
42	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	7.5	43
41	Transient Receptor Potential V Channels Are Essential for Glucose Sensing by Aldolase and AMPK. *Cell Metabolism*, **2019**, 30, 508-524.e12	24.6	39
40	USP10 suppresses tumor progression by inhibiting mTOR activation in hepatocellular carcinoma. *Cancer Letters*, **2018**, 436, 139-148	9.9	31
39	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	7.6	26
38	Saikosaponin D from Radix Bupleuri suppresses triple-negative breast cancer cell growth by targeting β-catenin signaling. *Biomedicine and Pharmacotherapy*, **2018**, 108, 724-733	7.5	26
37	Integrated Metabolomics and Lipidomics Analyses Reveal Metabolic Reprogramming in Human Glioma with IDH1 Mutation. *Journal of Proteome Research*, **2019**, 18, 960-969	5.6	25
36	Mitochondrial long non-coding RNA GAS5 tunes TCA metabolism in response to nutrient stress. *Nature Metabolism*, **2021**, 3, 90-106	14.6	19
35	Low-dose metformin targets the lysosomal AMPK pathway through PEN2.. *Nature*, **2022**, 603, 159-165	50.4	19

34   Creatine promotes cancer metastasis through activation of Smad2/3. *Cell Metabolism*, **2021**, 33, 1111-1123.e6   24.64   18

33   F-box proteins and cancer: an update from functional and regulatory mechanism to therapeutic clinical prospects. *Theranostics*, **2020**, 10, 4150-4167   12.1   17

32   Metabolomics profiling of metformin-mediated metabolic reprogramming bypassing AMPK. *Metabolism: Clinical and Experimental*, **2019**, 91, 18-29   12.7   15

31   A multi-omics investigation of the molecular characteristics and classification of six metabolic syndrome relevant diseases. *Theranostics*, **2020**, 10, 2029-2046   12.1   14

30   A Multidimensional Characterization of E3 Ubiquitin Ligase and Substrate Interaction Network. *IScience*, **2019**, 16, 177-191   6.1   11

29   Rational Design of Crystallization-Induced-Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. *Angewandte Chemie - International Edition*, **2021**, 60, 16067-16076   16.4   11

28   Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. *Toxicology in Vitro*, **2017**, 44, 36-43   3.6   10

27   Comprehensive Profiling by Non-targeted Stable Isotope Tracing Capillary Electrophoresis-Mass Spectrometry: A New Tool Complementing Metabolomic Analyses of Polar Metabolites. *Chemistry - A European Journal*, **2019**, 25, 5427-5432   4.8   10

26   RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. *Journal of Clinical Investigation*, **2021**, 131,   15.9   10

25   Preparation and antitumor activity of selenium-modified glucomannan oligosaccharides. *Journal of Functional Foods*, **2020**, 65, 103731   5.1   8

24   A fluorophore's electron-deficiency does matter in designing high-performance near-infrared fluorescent probes. *Chemical Science*, **2020**, 11, 11205-11213   9.4   8

23   Biochemical reactions in metabolite-protein interaction. *Chinese Chemical Letters*, **2018**, 29, 645-647   8.1   7

22   HRD1 inhibits fatty acid oxidation and tumorigenesis by ubiquitinating CPT2 in triple-negative breast cancer. *Molecular Oncology*, **2021**, 15, 642-656   7.9   7

21   Stable Super-Resolution Imaging of Lipid Droplet Dynamics through a Buffer Strategy with a Hydrogen-Bond Sensitive Fluorogenic Probe. *Angewandte Chemie - International Edition*, **2021**, 60, 25104-25113   16.4   7

20   Identification of related metabolic pathways in prostate cancer. *Oncotarget*, **2017**, 8, 103032-103046   3.3   6

19   AQP3-mediated H_2O uptake inhibits LUAD autophagy by inactivating PTEN. *Cancer Science*, **2021**, 112, 3278-3292   6.9   6

18   Aldolase is a sensor for both low and high glucose, linking to AMPK and mTORC1. *Cell Research*, **2021**, 31, 478-481   24.7   6

17   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   3.7   5

16	Identification and Characterization of Robust Hepatocellular Carcinoma Prognostic Subtypes Based on an Integrative Metabolite-Protein Interaction Network. *Advanced Science*, **2021**, 8, e2100311	13.6	5
15	Identification of a long non-coding RNA-mediated competitive endogenous RNA network in hepatocellular carcinoma. *Oncology Reports*, **2019**, 42, 745-752	3.5	5
14	An integrative pan-cancer analysis of biological and clinical impacts underlying ubiquitin-specific-processing proteases. *Oncogene*, **2020**, 39, 587-602	9.2	5
13	SAR Studies of -[2-(1-Tetrazol-5-yl)phenyl]benzamide Derivatives as Potent G Protein-Coupled Receptor-35 Agonists. *ACS Medicinal Chemistry Letters*, **2018**, 9, 422-427	4.3	4
12	Semi-Quantitatively Designing Two-Photon High-Performance Fluorescent Probes for Glutathione S-Transferases. *Research*, **2020**, 2020, 7043124	7.8	4
11	YB1 regulates miR-205/200b-ZEB1 axis by inhibiting microRNA maturation in hepatocellular carcinoma. *Cancer Communications*, **2021**, 41, 576-595	9.4	3
10	USP22 regulates lipidome accumulation by stabilizing PPARⒼin hepatocellular carcinoma.. *Nature Communications*, **2022**, 13, 2187	17.4	3
9	High-throughput metabolic profiling based on small amount of hepatic cells. *Electrophoresis*, **2017**, 38, 2296-2303	3.6	2
8	Cholesterol as a functional metabolite cooperates with metadherin in cancer cells. *Chinese Chemical Letters*, **2020**, 31, 1831-1834	8.1	1
7	HDNA methylation data-based molecular subtype classification related to the prognosis of patients with hepatocellular carcinoma. *BMC Medical Genomics*, **2020**, 13, 118	3.7	1
6	Metabolomic Characterization Reveals ILF2 and ILF3 Affected Metabolic Adaptions in Esophageal Squamous Cell Carcinoma. *Frontiers in Molecular Biosciences*, **2021**, 8, 721990	5.6	1
5	Midkine noncanonically suppresses AMPK activation through disrupting the LKB1-STRAD-Mo25 complex.. *Cell Death and Disease*, **2022**, 13, 414	9.8	1
4	Rational Design of Crystallization-Induced-Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. *Angewandte Chemie*, **2021**, 133, 16203-16212	3.6	0
3	Identification of serum metabolites enhancing inflammatory responses in COVID-19.. *Science China Life Sciences*, **2022**, 1	8.5	0
2	Hepatic MDM2 Causes Metabolic Associated Fatty Liver Disease by Blocking Triglyceride-VLDL Secretion via ApoB Degradation.. *Advanced Science*, **2022**, e2200742	13.6	0
1	PTEN-deficient cells prefer glutamine for metabolic synthesis. *Acta Biochimica Et Biophysica Sinica*, **2020**, 52, 251-258	2.8	