

# Hai-long Piao

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51  
papers

1,581  
citations

18  
h-index

39  
g-index

55  
ext. papers

2,358  
ext. citations

11.5  
avg, IF

4.45  
L-index

#	Paper	IF	Citations
51	Low-dose metformin targets the lysosomal AMPK pathway through PEN2.. <i>Nature</i> , <b>2022</b> , 603, 159-165	50.4	19
50	USP22 regulates lipidome accumulation by stabilizing PPAR $\alpha$ in hepatocellular carcinoma.. <i>Nature Communications</i> , <b>2022</b> , 13, 2187	17.4	3
49	Identification of serum metabolites enhancing inflammatory responses in COVID-19.. <i>Science China Life Sciences</i> , <b>2022</b> , 1	8.5	0
48	Midkine noncanonically suppresses AMPK activation through disrupting the LKB1-STRAD-Mo25 complex.. <i>Cell Death and Disease</i> , <b>2022</b> , 13, 414	9.8	1
47	Hepatic MDM2 Causes Metabolic Associated Fatty Liver Disease by Blocking Triglyceride-VLDL Secretion via ApoB Degradation.. <i>Advanced Science</i> , <b>2022</b> , e2200742	13.6	0
46	RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	10
45	AQP3-mediated H <sub>2</sub> O uptake inhibits LUAD autophagy by inactivating PTEN. <i>Cancer Science</i> , <b>2021</b> , 112, 3278-3292	6.9	6
44	Creatine promotes cancer metastasis through activation of Smad2/3. <i>Cell Metabolism</i> , <b>2021</b> , 33, 1111-1124	23.6	18
43	Rational Design of Crystallization-Induced-Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16067-16076	16.4	11
42	Rational Design of Crystallization-Induced-Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 16203-16212	3.6	0
41	YB1 regulates miR-205/200b-ZEB1 axis by inhibiting microRNA maturation in hepatocellular carcinoma. <i>Cancer Communications</i> , <b>2021</b> , 41, 576-595	9.4	3
40	Identification and Characterization of Robust Hepatocellular Carcinoma Prognostic Subtypes Based on an Integrative Metabolite-Protein Interaction Network. <i>Advanced Science</i> , <b>2021</b> , 8, e2100311	13.6	5
39	HRD1 inhibits fatty acid oxidation and tumorigenesis by ubiquitinating CPT2 in triple-negative breast cancer. <i>Molecular Oncology</i> , <b>2021</b> , 15, 642-656	7.9	7
38	Aldolase is a sensor for both low and high glucose, linking to AMPK and mTORC1. <i>Cell Research</i> , <b>2021</b> , 31, 478-481	24.7	6
37	The double-edged roles of ROS in cancer prevention and therapy. <i>Theranostics</i> , <b>2021</b> , 11, 4839-4857	12.1	60
36	Metabolomic Characterization Reveals ILF2 and ILF3 Affected Metabolic Adaptions in Esophageal Squamous Cell Carcinoma. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 721990	5.6	1
35	Stable Super-Resolution Imaging of Lipid Droplet Dynamics through a Buffer Strategy with a Hydrogen-Bond Sensitive Fluorogenic Probe. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 25104-25113	16.4	17

34	Mitochondrial long non-coding RNA GAS5 tunes TCA metabolism in response to nutrient stress. <i>Nature Metabolism</i> , <b>2021</b> , 3, 90-106	14.6	19
33	PTEN-deficient cells prefer glutamine for metabolic synthesis. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2020</b> , 52, 251-258	2.8	
32	A multi-omics investigation of the molecular characteristics and classification of six metabolic syndrome relevant diseases. <i>Theranostics</i> , <b>2020</b> , 10, 2029-2046	12.1	14
31	Semi-Quantitatively Designing Two-Photon High-Performance Fluorescent Probes for Glutathione S-Transferases. <i>Research</i> , <b>2020</b> , 2020, 7043124	7.8	4
30	Cholesterol as a functional metabolite cooperates with metadherin in cancer cells. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 1831-1834	8.1	1
29	Preparation and antitumor activity of selenium-modified glucomannan oligosaccharides. <i>Journal of Functional Foods</i> , <b>2020</b> , 65, 103731	5.1	8
28	A fluorophore's electron-deficiency does matter in designing high-performance near-infrared fluorescent probes. <i>Chemical Science</i> , <b>2020</b> , 11, 11205-11213	9.4	8
27	HDNA methylation data-based molecular subtype classification related to the prognosis of patients with hepatocellular carcinoma. <i>BMC Medical Genomics</i> , <b>2020</b> , 13, 118	3.7	1
26	An integrative pan-cancer analysis of biological and clinical impacts underlying ubiquitin-specific-processing proteases. <i>Oncogene</i> , <b>2020</b> , 39, 587-602	9.2	5
25	F-box proteins and cancer: an update from functional and regulatory mechanism to therapeutic clinical prospects. <i>Theranostics</i> , <b>2020</b> , 10, 4150-4167	12.1	17
24	A Multidimensional Characterization of E3 Ubiquitin Ligase and Substrate Interaction Network. <i>IScience</i> , <b>2019</b> , 16, 177-191	6.1	11
23	Transient Receptor Potential V Channels Are Essential for Glucose Sensing by Aldolase and AMPK. <i>Cell Metabolism</i> , <b>2019</b> , 30, 508-524.e12	24.6	39
22	Label-free cell phenotypic study of FFA4 and FFA1 and discovery of novel agonists of FFA4 from natural products.. <i>RSC Advances</i> , <b>2019</b> , 9, 15073-15083	3.7	5
21	Hierarchical activation of compartmentalized pools of AMPK depends on severity of nutrient or energy stress. <i>Cell Research</i> , <b>2019</b> , 29, 460-473	24.7	54
20	Comprehensive Profiling by Non-targeted Stable Isotope Tracing Capillary Electrophoresis-Mass Spectrometry: A New Tool Complementing Metabolomic Analyses of Polar Metabolites. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5427-5432	4.8	10
19	Identification of a long non-coding RNA-mediated competitive endogenous RNA network in hepatocellular carcinoma. <i>Oncology Reports</i> , <b>2019</b> , 42, 745-752	3.5	5
18	Integrated Metabolomics and Lipidomics Analyses Reveal Metabolic Reprogramming in Human Glioma with IDH1 Mutation. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 960-969	5.6	25
17	Metabolomics profiling of metformin-mediated metabolic reprogramming bypassing AMPK. <i>Metabolism: Clinical and Experimental</i> , <b>2019</b> , 91, 18-29	12.7	15

16	SAR Studies of -[2-(1-Tetrazol-5-yl)phenyl]benzamide Derivatives as Potent G Protein-Coupled Receptor-35 Agonists. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 422-427	4.3	4
15	Metabolomics and transcriptomics profiles reveal the dysregulation of the tricarboxylic acid cycle and related mechanisms in prostate cancer. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 396-407	7.5	43
14	Biochemical reactions in metabolite-protein interaction. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 645-647	8.1	7
13	USP10 suppresses tumor progression by inhibiting mTOR activation in hepatocellular carcinoma. <i>Cancer Letters</i> , <b>2018</b> , 436, 139-148	9.9	31
12	Saikosaponin D from Radix Bupleuri suppresses triple-negative breast cancer cell growth by targeting E-catenin signaling. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 108, 724-733	7.5	26
11	Long noncoding RNA MALAT1 suppresses breast cancer metastasis. <i>Nature Genetics</i> , <b>2018</b> , 50, 1705-1715	56.3	335
10	LncRNA CamK-A Regulates Ca-Signaling-Mediated Tumor Microenvironment Remodeling. <i>Molecular Cell</i> , <b>2018</b> , 72, 71-83.e7	17.6	65
9	High-throughput metabolic profiling based on small amount of hepatic cells. <i>Electrophoresis</i> , <b>2017</b> , 38, 2296-2303	3.6	2
8	Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. <i>Toxicology in Vitro</i> , <b>2017</b> , 44, 36-43	3.6	10
7	Fructose-1,6-bisphosphate and aldolase mediate glucose sensing by AMPK. <i>Nature</i> , <b>2017</b> , 548, 112-116	50.4	300
6	Identification of related metabolic pathways in prostate cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 103032-103046	3.3	6
5	Integration of lipidomics and transcriptomics unravels aberrant lipid metabolism and defines cholesteryl oleate as potential biomarker of prostate cancer. <i>Scientific Reports</i> , <b>2016</b> , 6, 20984	4.9	82
4	E-catenin acts as a tumour suppressor in E-cadherin-negative basal-like breast cancer by inhibiting NF- $\kappa$ B signalling. <i>Nature Cell Biology</i> , <b>2014</b> , 16, 245-54	23.4	58
3	Proteomic analysis of the human cyclin-dependent kinase family reveals a novel CDK5 complex involved in cell growth and migration. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 2986-3000	7.6	26
2	Deubiquitylation and stabilization of PTEN by USP13. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 1486-1494	23.4	119
1	Non-coding RNAs as regulators of mammary development and breast cancer. <i>Journal of Mammary Gland Biology and Neoplasia</i> , <b>2012</b> , 17, 33-42	2.4	68