

Hai-long Piao

List of Publications by Year in descending order

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Version: 2024-02-01

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	Low-dose metformin targets the lysosomal AMPK pathway through PEN2. <i>Nature</i> , 2022, 603, 159-165.	13.7	205
2	USP22 regulates lipidome accumulation by stabilizing PPAR β in hepatocellular carcinoma. <i>Nature Communications</i> , 2022, 13, 2187.	5.8	49
3	Identification of serum metabolites enhancing inflammatory responses in COVID-19. <i>Science China Life Sciences</i> , 2022, 65, 1971-1984.	2.3	6
4	Midkine noncanonically suppresses AMPK activation through disrupting the LKB1-STRAD-Mo25 complex. <i>Cell Death and Disease</i> , 2022, 13, 414.	2.7	8
5	Hepatic MDM2 Causes Metabolic Associated Fatty Liver Disease by Blocking Triglyceride β -VLDL Secretion via ApoB Degradation. <i>Advanced Science</i> , 2022, 9, e2200742.	5.6	9
6	PLIN2 promotes HCC cells proliferation by inhibiting the degradation of HIF1 α . <i>Experimental Cell Research</i> , 2022, 418, 113244.	1.2	5
7	HRD1 inhibits fatty acid oxidation and tumorigenesis by ubiquitinating CPT2 in triple α -negative breast cancer. <i>Molecular Oncology</i> , 2021, 15, 642-656.	2.1	17
8	Aldolase is a sensor for both low and high glucose, linking to AMPK and mTORC1. <i>Cell Research</i> , 2021, 31, 478-481.	5.7	29
9	The double-edged roles of ROS in cancer prevention and therapy. <i>Theranostics</i> , 2021, 11, 4839-4857.	4.6	260
10	AQP3 β -mediated H ₂ O ₂ uptake inhibits LUAD autophagy by inactivating PTEN. <i>Cancer Science</i> , 2021, 112, 3278-3292.	1.7	13
11	Creatine promotes cancer metastasis through activation of Smad2/3. <i>Cell Metabolism</i> , 2021, 33, 1111-1123.e4.	7.2	60
12	Rational Design of Crystallization β -Induced β -Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16067-16076.	7.2	42
13	Rational Design of Crystallization β -Induced β -Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. <i>Angewandte Chemie</i> , 2021, 133, 16203-16212.	1.6	4
14	YB1 regulates miR β 205/200b β -ZEB1 axis by inhibiting microRNA maturation in hepatocellular carcinoma. <i>Cancer Communications</i> , 2021, 41, 576-595.	3.7	18
15	Identification and Characterization of Robust Hepatocellular Carcinoma Prognostic Subtypes Based on an Integrative Metabolite β -Protein Interaction Network. <i>Advanced Science</i> , 2021, 8, e2100311.	5.6	28
16	Metabolomic Characterization Reveals ILF2 and ILF3 Affected Metabolic Adaptions in Esophageal Squamous Cell Carcinoma. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 721990.	1.6	6
17	Stable Super β -Resolution Imaging of Lipid Droplet Dynamics through a Buffer Strategy with a Hydrogen β -Bond Sensitive Fluorogenic Probe. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25104-25113.	7.2	60
18	Mitochondrial long non-coding RNA GAS5 tunes TCA metabolism in response to nutrient stress. <i>Nature Metabolism</i> , 2021, 3, 90-106.	5.1	71

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19	RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	103
20	An integrative pan-cancer analysis of biological and clinical impacts underlying ubiquitin-specific-processing proteases. <i>Oncogene</i> , 2020, 39, 587-602.	2.6	11
21	Cholesterol as a functional metabolite cooperates with metadherin in cancer cells. <i>Chinese Chemical Letters</i> , 2020, 31, 1831-1834.	4.8	1
22	Preparation and antitumor activity of selenium-modified glucomannan oligosaccharides. <i>Journal of Functional Foods</i> , 2020, 65, 103731.	1.6	11
23	A fluorophore's electron-deficiency does matter in designing high-performance near-infrared fluorescent probes. <i>Chemical Science</i> , 2020, 11, 11205-11213.	3.7	10
24	HDNA methylation data-based molecular subtype classification related to the prognosis of patients with hepatocellular carcinoma. <i>BMC Medical Genomics</i> , 2020, 13, 118.	0.7	4
25	PTEN-deficient cells prefer glutamine for metabolic synthesis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 251-258.	0.9	1
26	A multi-omics investigation of the molecular characteristics and classification of six metabolic syndrome relevant diseases. <i>Theranostics</i> , 2020, 10, 2029-2046.	4.6	35
27	F-box proteins and cancer: an update from functional and regulatory mechanism to therapeutic clinical prospects. <i>Theranostics</i> , 2020, 10, 4150-4167.	4.6	44
28	Semi-Quantitatively Designing Two-Photon High-Performance Fluorescent Probes for Glutathione S-Transferases. <i>Research</i> , 2020, 2020, 7043124.	2.8	6
29	A Multidimensional Characterization of E3 Ubiquitin Ligase and Substrate Interaction Network. <i>IScience</i> , 2019, 16, 177-191.	1.9	23
30	Transient Receptor Potential V Channels Are Essential for Glucose Sensing by Aldolase and AMPK. <i>Cell Metabolism</i> , 2019, 30, 508-524.e12.	7.2	86
31	Label-free cell phenotypic study of FFA4 and FFA1 and discovery of novel agonists of FFA4 from natural products. <i>RSC Advances</i> , 2019, 9, 15073-15083.	1.7	7
32	Hierarchical activation of compartmentalized pools of AMPK depends on severity of nutrient or energy stress. <i>Cell Research</i> , 2019, 29, 460-473.	5.7	101
33	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> , 2019, 25, 5427-5432.	1.7	15
34	Identification of a long non-coding RNA-mediated competitive endogenous RNA network in hepatocellular carcinoma. <i>Oncology Reports</i> , 2019, 42, 745-752.	1.2	7
35	Integrated Metabolomics and Lipidomics Analyses Reveal Metabolic Reprogramming in Human Glioma with IDH1 Mutation. <i>Journal of Proteome Research</i> , 2019, 18, 960-969.	1.8	56
36	Metabolomics profiling of metformin-mediated metabolic reprogramming bypassing AMPK. <i>Metabolism: Clinical and Experimental</i> , 2019, 91, 18-29.	1.5	30

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37	SAR Studies of <i>N</i> -[2-(1 <i>H</i> -Tetrazol-5-yl)phenyl]benzamide Derivatives as Potent G Protein-Coupled Receptor-35 Agonists. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 422-427.	1.3	4
38	Metabolomics and transcriptomics profiles reveal the dysregulation of the tricarboxylic acid cycle and related mechanisms in prostate cancer. <i>International Journal of Cancer</i> , 2018, 143, 396-407.	2.3	57
39	Biochemical reactions in metabolite-protein interaction. <i>Chinese Chemical Letters</i> , 2018, 29, 645-647.	4.8	9
40	Saikosaponin D from <i>Radix Bupleuri</i> suppresses triple-negative breast cancer cell growth by targeting β -catenin signaling. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 724-733.	2.5	46
41	Long noncoding RNA MALAT1 suppresses breast cancer metastasis. <i>Nature Genetics</i> , 2018, 50, 1705-1715.	9.4	561
42	LncRNA CamK-A Regulates Ca ²⁺ -Signaling-Mediated Tumor Microenvironment Remodeling. <i>Molecular Cell</i> , 2018, 72, 71-83.e7.	4.5	119
43	USP10 suppresses tumor progression by inhibiting mTOR activation in hepatocellular carcinoma. <i>Cancer Letters</i> , 2018, 436, 139-148.	3.2	49
44	High-throughput metabolic profiling based on small amount of hepatic cells. <i>Electrophoresis</i> , 2017, 38, 2296-2303.	1.3	3
45	Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. <i>Toxicology in Vitro</i> , 2017, 44, 36-43.	1.1	15
46	Fructose-1,6-bisphosphate and aldolase mediate glucose sensing by AMPK. <i>Nature</i> , 2017, 548, 112-116.	13.7	469
47	Identification of <i>SPOP</i> related metabolic pathways in prostate cancer. <i>Oncotarget</i> , 2017, 8, 103032-103046.	0.8	16
48	Integration of lipidomics and transcriptomics unravels aberrant lipid metabolism and defines cholesteryl oleate as potential biomarker of prostate cancer. <i>Scientific Reports</i> , 2016, 6, 20984.	1.6	103
49	β -catenin acts as a tumour suppressor in E-cadherin-negative basal-like breast cancer by inhibiting NF- κ B signalling. <i>Nature Cell Biology</i> , 2014, 16, 245-254.	4.6	74
50	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> , 2014, 13, 2986-3000.	2.5	34
51	Deubiquitylation and stabilization of PTEN by USP13. <i>Nature Cell Biology</i> , 2013, 15, 1486-1494.	4.6	172
52	Non-Coding RNAs as Regulators of Mammary Development and Breast Cancer. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2012, 17, 33-42.	1.0	74