

# Peng Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

8,332  
citations

218381

26  
h-index

128067

60  
g-index

62  
all docs

62  
docs citations

62  
times ranked

15224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting cancer cells by ROS-mediated mechanisms: a radical therapeutic approach?. <i>Nature Reviews Drug Discovery</i> , 2009, 8, 579-591.	21.5	4,327
2	Redox Regulation of Cell Survival. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1343-1374.	2.5	1,464
3	Novel Action of Paclitaxel against Cancer Cells: Bystander Effect Mediated by Reactive Oxygen Species. <i>Cancer Research</i> , 2007, 67, 3512-3517.	0.4	338
4	xCT: A Critical Molecule That Links Cancer Metabolism to Redox Signaling. <i>Molecular Therapy</i> , 2020, 28, 2358-2366.	3.7	143
5	cGAS/STING axis mediates a topoisomerase II inhibitor-induced tumor immunogenicity. <i>Journal of Clinical Investigation</i> , 2019, 129, 4850-4862.	3.9	136
6	Modulation of Redox Homeostasis by Inhibition of MTHFD2 in Colorectal Cancer: Mechanisms and Therapeutic Implications. <i>Journal of the National Cancer Institute</i> , 2019, 111, 584-596.	3.0	125
7	Long noncoding RNA AGPG regulates PFKFB3-mediated tumor glycolytic reprogramming. <i>Nature Communications</i> , 2020, 11, 1507.	5.8	121
8	Delivery of mRNA vaccine with a lipid-like material potentiates antitumor efficacy through Toll-like receptor 4 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	109
9	Synthesis of Carbazoles <i>via</i> One-Pot Copper-Catalyzed Amine Insertion into Cyclic Diphenyliodoniums as a Strategy to Generate a Drug-Like Chemical Library. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2172-2178.	2.1	101
10	Micro-RNA-155 is induced by K-Ras oncogenic signal and promotes ROS stress in pancreatic cancer. <i>Oncotarget</i> , 2015, 6, 21148-21158.	0.8	99
11	Elimination of stem-like cancer cell side-population by auranofin through modulation of ROS and glycolysis. <i>Cell Death and Disease</i> , 2018, 9, 89.	2.7	89
12	Increased Expression of EIF5A2, Via Hypoxia or Gene Amplification, Contributes to Metastasis and Angiogenesis of Esophageal Squamous Cell Carcinoma. <i>Gastroenterology</i> , 2014, 146, 1701-1713.e9.	0.6	87
13	Regulation of stem-like cancer cells by glutamine through $\beta$ -catenin pathway mediated by redox signaling. <i>Molecular Cancer</i> , 2017, 16, 51.	7.9	81
14	Mutant Kras- and p16-regulated NOX4 activation overcomes metabolic checkpoints in development of pancreatic ductal adenocarcinoma. <i>Nature Communications</i> , 2017, 8, 14437.	5.8	77
15	Cancer stem cells, metabolism, and therapeutic significance. <i>Tumor Biology</i> , 2016, 37, 5735-5742.	0.8	69
16	Glyceraldehyde-3-phosphate dehydrogenase promotes cancer growth and metastasis through upregulation of SNAIL expression. <i>International Journal of Oncology</i> , 2017, 50, 252-262.	1.4	64
17	Targeting cancer cell mitochondria as a therapeutic approach: recent updates. <i>Future Medicinal Chemistry</i> , 2017, 9, 929-949.	1.1	64
18	Design, Synthesis, and Evaluation of VHL-Based EZH2 Degraders to Enhance Therapeutic Activity against Lymphoma. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 10167-10184.	2.9	50

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19	Chemotherapy induces tumor immune evasion by upregulation of programmed cell death ligand 1 expression in bone marrow stromal cells. <i>Molecular Oncology</i> , 2017, 11, 358-372.	2.1	43
20	Heterocyclic Iodoniums for the Assembly of Oxygen-Bridged Polycyclic Heteroarenes with Water as the Oxygen Source. <i>Organic Letters</i> , 2018, 20, 4815-4818.	2.4	42
21	Regulation of PD-L1 expression in K-ras-driven cancers through ROS-mediated FGFR1 signaling. <i>Redox Biology</i> , 2021, 38, 101780.	3.9	42
22	Metabolic activation of mitochondria in glioma stem cells promotes cancer development through a reactive oxygen species-mediated mechanism. <i>Stem Cell Research and Therapy</i> , 2015, 6, 198.	2.4	40
23	Cooperativity of Oncogenic K-Ras and Downregulated p16/INK4A in Human Pancreatic Tumorigenesis. <i>PLoS ONE</i> , 2014, 9, e101452.	1.1	39
24	Oxidative stress induces monocyte to myofibroblast transdifferentiation through p38 in pancreatic ductal adenocarcinoma. <i>Clinical and Translational Medicine</i> , 2020, 10, e41.	1.7	34
25	Domino Carbopalladation/C-H Activation as a Quick Access to Polycyclic Frameworks. <i>Organic Letters</i> , 2018, 20, 712-715.	2.4	32
26	Action of (E)-2-Deoxy-2-(fluoromethylene)cytidine on DNA Metabolism: Incorporation, Excision, and Cellular Response. <i>Molecular Pharmacology</i> , 2002, 61, 222-229.	1.0	29
27	PDSS2 Deficiency Induces Hepatocarcinogenesis by Decreasing Mitochondrial Respiration and Reprogramming Glucose Metabolism. <i>Cancer Research</i> , 2018, 78, 4471-4481.	0.4	26
28	Metabolic reprogramming and redox adaptation in sorafenib-resistant leukemia cells: detected by untargeted metabolomics and stable isotope tracing analysis. <i>Cancer Communications</i> , 2019, 39, 1-13.	3.7	25
29	Synthesis of Fluorenes with an All-Carbon Quaternary Center via Palladium-Catalyzed Dual Arylation using Cyclic Diaryliodonium Triflates. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1152-1156.	2.1	24
30	Relayed Regioselective Alkynylation/Olefination of Unsymmetrical Cyclic Diaryliodonium Species Catalyzed by Cu and Pd: Affording Fluorescent Cytotoxic Benzoxazoles. <i>Chemistry - A European Journal</i> , 2015, 21, 18915-18920.	1.7	23
31	Selective killing of K-ras-transformed pancreatic cancer cells by targeting NAD(P)H oxidase. <i>Chinese Journal of Cancer</i> , 2015, 34, 166-76.	4.9	22
32	Loss of mitochondrial aconitase promotes colorectal cancer progression via SCD1-mediated lipid remodeling. <i>Molecular Metabolism</i> , 2021, 48, 101203.	3.0	22
33	Identification of NDUFAF1 in mediating K-Ras induced mitochondrial dysfunction by a proteomic screening approach. <i>Oncotarget</i> , 2015, 6, 3947-3962.	0.8	21
34	Mitochondrial TXNRD3 confers drug resistance via redox-mediated mechanism and is a potential therapeutic target in vivo. <i>Redox Biology</i> , 2020, 36, 101652.	3.9	20
35	New tranylcyproline derivatives containing sulfonamide motif as potent LSD1 inhibitors to target acute myeloid leukemia: Design, synthesis and biological evaluation. <i>Bioorganic Chemistry</i> , 2020, 99, 103808.	2.0	20
36	Reductive TCA cycle catalyzed by wild-type IDH2 promotes acute myeloid leukemia and is a metabolic vulnerability for potential targeted therapy. <i>Journal of Hematology and Oncology</i> , 2022, 15, 30.	6.9	19

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37	Oncogenic K-ras Induces Mitochondrial OPA3 Expression to Promote Energy Metabolism in Pancreatic Cancer Cells. <i>Cancers</i> , 2020, 12, 65.	1.7	18
38	Overexpression of GLT1D1 induces immunosuppression through glycosylation of PD-L1 and predicts poor prognosis in B-cell lymphoma. <i>Molecular Oncology</i> , 2020, 14, 1028-1044.	2.1	18
39	Design and Synthesis of Dual EZH2/BRD4 Inhibitors to Target Solid Tumors. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 6573-6592.	2.9	17
40	Wild-type IDH2 protects nuclear DNA from oxidative damage and is a potential therapeutic target in colorectal cancer. <i>Oncogene</i> , 2021, 40, 5880-5892.	2.6	15
41	The Role of Oncogenes and Redox Signaling in the Regulation of PD-L1 in Cancer. <i>Cancers</i> , 2021, 13, 4426.	1.7	15
42	New Mild and Simple Approach to Isothiocyanates: A Class of Potent Anticancer Agents. <i>Molecules</i> , 2017, 22, 773.	1.7	14
43	Regulation of CD137 expression through K-Ras signaling in pancreatic cancer cells. <i>Cancer Communications</i> , 2019, 39, 1-11.	3.7	14
44	Impact of <i>Nrf2</i> on tumour growth and drug sensitivity in oncogenic K-ras-transformed cells <i>in vitro</i> and <i>in vivo</i> . <i>Free Radical Research</i> , 2018, 52, 661-671.	1.5	13
45	Design, synthesis and biological evaluation of <i>N</i> -arylsulfonyl carbazoles as novel anticancer agents. <i>RSC Advances</i> , 2018, 8, 17183-17190.	1.7	13
46	Autocrine <i>INSL</i> 5 promotes tumor progression and glycolysis via activation of <i>STAT</i> 5 signaling. <i>EMBO Molecular Medicine</i> , 2020, 12, e12050.	3.3	12
47	Modular metal-free catalytic radical annulation of cyclic diaryliodoniums to access $\beta$ -extended arenes. <i>Green Chemistry</i> , 2021, 23, 1972-1977.	4.6	12
48	Mevalonate Blockade in Cancer Cells Triggers CLEC9A+ Dendritic Cell-Mediated Antitumor Immunity. <i>Cancer Research</i> , 2021, 81, 4514-4528.	0.4	12
49	MGMT in colorectal cancer: a promising component of personalized treatment. <i>Tumor Biology</i> , 2016, 37, 11443-11456.	0.8	11
50	CD137 expression in cancer cells: regulation and significance. <i>Cancer Communications</i> , 2019, 39, 70.	3.7	11
51	Cisplatin and gemcitabine exert opposite effects on immunotherapy with PD-1 antibody in K-ras-driven cancer. <i>Journal of Advanced Research</i> , 2022, 40, 109-124.	4.4	10
52	Modulation of lactate-lysosome axis in dendritic cells by clotrimazole potentiates antitumor immunity. , 2021, 9, e002155.		9
53	Diverse effects of chemotherapeutic agents on immune cell function and implications in immunochemotherapy. <i>Cancer Communications</i> , 2021, 41, 432-435.	3.7	8
54	Synthesis and biological evaluation of santacruzamate A and analogs as potential anticancer agents. <i>RSC Advances</i> , 2015, 5, 1109-1112.	1.7	7

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55	<i>Smad4</i> Deficiency Promotes Pancreatic Cancer Immunogenicity by Activating the Cancer-Associated Autophagy Signaling Axis. <i>Advanced Science</i> , 2022, 9, e2103029.	5.6	7
56	Modulation of energy metabolism to overcome drug resistance in chronic myeloid leukemia cells through induction of autophagy. <i>Cell Death Discovery</i> , 2022, 8, 212.	2.0	7
57	Highly Reactive Cyclic Monoaryl Iodoniums Tuned as Carbene Generators Couple with Nucleophiles under Metal-Free Conditions. <i>Science</i> , 2020, 23, 101307.	1.9	6
58	Tandem cyclization/arylation of diaryliodoniums <i>via in situ</i> constructed benzoxazole as a directing group for atom-economical transformation. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1137-1142.	2.3	6
59	Identification of cisplatin sensitizers through high-throughput combinatorial screening. <i>International Journal of Oncology</i> , 2018, 53, 1237-1246.	1.4	5
60	Identification of the Benzoimidazole Compound as a Selective FLT3 Inhibitor by Cell-Based High-Throughput Screening of a Diversity Library. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3597-3605.	2.9	3
61	Characterization of H <sub>2</sub> O <sub>2</sub> -Induced Alterations in Global Transcription of mRNA and lncRNA. <i>Antioxidants</i> , 2022, 11, 495.	2.2	2
62	Treatment and Survival Outcomes Associated With Platinum Plus Low-Dose, Long-term Fluorouracil for Metastatic Nasopharyngeal Carcinoma. <i>JAMA Network Open</i> , 2021, 4, e2138444.	2.8	0