Peng Huang

List of Publications by Year
in descending order

62 papers	8,332 citations	218677 26 h-index	128289 60 g-index
62 all docs	62 docs citations	62 times ranked	15224 citing authors

#	Article	IF	Citations
1	Smad4 Deficiency Promotes Pancreatic Cancer Immunogenicity by Activating the Cancerâ€Autonomous DNAâ€Sensing Signaling Axis. Advanced Science, 2022, 9, e2103029.	11.2	7
2	Tandem cyclization/arylation of diaryliodoniums via in situ constructed benzoxazole as a directing group for atom-economical transformation. Organic Chemistry Frontiers, 2022, 9, 1137-1142.	4.5	6
3	Identification of the Benzoimidazole Compound as a Selective FLT3 Inhibitor by Cell-Based High-Throughput Screening of a Diversity Library. Journal of Medicinal Chemistry, 2022, 65, 3597-3605.	6.4	3
4	Characterization of H2O2-Induced Alterations in Global Transcription of mRNA and lncRNA. Antioxidants, 2022, 11, 495.	5.1	2
5	Reductive TCA cycle catalyzed by wild-type IDH2 promotes acute myeloid leukemia and is a metabolic vulnerability for potential targeted therapy. Journal of Hematology and Oncology, 2022, 15, 30.	17.0	19
6	Cisplatin and gemcitabine exert opposite effects on immunotherapy with PD-1 antibody in K-ras-driven cancer. Journal of Advanced Research, 2022, 40, 109-124.	9.5	10
7	Modulation of energy metabolism to overcome drug resistance in chronic myeloid leukemia cells through induction of autophagy. Cell Death Discovery, 2022, 8, 212.	4.7	7
8	Design and Synthesis of Dual EZH2/BRD4 Inhibitors to Target Solid Tumors. Journal of Medicinal Chemistry, 2022, 65, 6573-6592.	6.4	17
9	Regulation of PD-L1 expression in K-ras-driven cancers through ROS-mediated FGFR1 signaling. Redox Biology, 2021, 38, 101780.	9.0	42
10	Modular metal-free catalytic radical annulation of cyclic diaryliodoniums to access Ï€-extended arenes. Green Chemistry, 2021, 23, 1972-1977.	9.0	12
11	Delivery of mRNA vaccine with a lipid-like material potentiates antitumor efficacy through Toll-like receptor 4 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	109
12	Diverse effects of chemotherapeutic agents on immune cell function and implications in immunochemotherapy. Cancer Communications, 2021, 41, 432-435.	9.2	8
13	Modulation of lactate-lysosome axis in dendritic cells by clotrimazole potentiates antitumor immunity. , 2021, 9, e002155.		9
14	Loss of mitochondrial aconitase promotes colorectal cancer progression via SCD1-mediated lipid remodeling. Molecular Metabolism, 2021, 48, 101203.	6.5	22
15	Design, Synthesis, and Evaluation of VHL-Based EZH2 Degraders to Enhance Therapeutic Activity against Lymphoma. Journal of Medicinal Chemistry, 2021, 64, 10167-10184.	6.4	50
16	Mevalonate Blockade in Cancer Cells Triggers CLEC9A+ Dendritic Cell-Mediated Antitumor Immunity. Cancer Research, 2021, 81, 4514-4528.	0.9	12
17	Wild-type IDH2 protects nuclear DNA from oxidative damage and is a potential therapeutic target in colorectal cancer. Oncogene, 2021, 40, 5880-5892.	5.9	15
18	The Role of Oncogenes and Redox Signaling in the Regulation of PD-L1 in Cancer. Cancers, 2021, 13, 4426.	3.7	15

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19	Treatment and Survival Outcomes Associated With Platinum Plus Low-Dose, Long-term Fluorouracil for Metastatic Nasopharyngeal Carcinoma. JAMA Network Open, 2021, 4, e2138444.	5.9	0
20	Oncogenic K-ras Induces Mitochondrial OPA3 Expression to Promote Energy Metabolism in Pancreatic Cancer Cells. Cancers, 2020, 12, 65.	3.7	18
21	Autocrine <scp>INSL</scp> 5 promotes tumor progression and glycolysis via activation of <scp>STAT</scp> 5 signaling. EMBO Molecular Medicine, 2020, 12, e12050.	6.9	12
22	Highly Reactive Cyclic Monoaryl Iodoniums Tuned as Carbene Generators Couple with Nucleophiles under Metal-Free Conditions. IScience, 2020, 23, 101307.	4.1	6
23	Mitochondrial TXNRD3 confers drug resistance via redox-mediated mechanism and is a potential therapeutic target in vivo. Redox Biology, 2020, 36, 101652.	9.0	20
24	xCT: A Critical Molecule That Links Cancer Metabolism to Redox Signaling. Molecular Therapy, 2020, 28, 2358-2366.	8.2	143
25	Oxidative stress induces monocyteâ€toâ€myofibroblast transdifferentiation through p38 in pancreatic ductal adenocarcinoma. Clinical and Translational Medicine, 2020, 10, e41.	4.0	34
26	Overexpression of GLT1D1 induces immunosuppression through glycosylation of PDâ€L1 and predicts poor prognosis in Bâ€cell lymphoma. Molecular Oncology, 2020, 14, 1028-1044.	4.6	18
27	Long noncoding RNA AGPG regulates PFKFB3-mediated tumor glycolytic reprogramming. Nature Communications, 2020, 11, 1507.	12.8	121
28	New tranylcypromine derivatives containing sulfonamide motif as potent LSD1 inhibitors to target acute myeloid leukemia: Design, synthesis and biological evaluation. Bioorganic Chemistry, 2020, 99, 103808.	4.1	20
29	Regulation of CD137 expression through Kâ€Ras signaling in pancreatic cancer cells. Cancer Communications, 2019, 39, 1-11.	9.2	14
30	Metabolic reprogramming and redox adaptation in sorafenibâ€resistant leukemia cells: detected by untargeted metabolomics and stable isotope tracing analysis. Cancer Communications, 2019, 39, 1-13.	9.2	25
31	CD137 expression in cancer cells: regulation and significance. Cancer Communications, 2019, 39, 70.	9.2	11
32	Modulation of Redox Homeostasis by Inhibition of MTHFD2 in Colorectal Cancer: Mechanisms and Therapeutic Implications. Journal of the National Cancer Institute, 2019, 111, 584-596.	6.3	125
33	cGAS/STING axis mediates a topoisomerase II inhibitorâ€“induced tumor immunogenicity. Journal of Clinical Investigation, 2019, 129, 4850-4862.	8.2	136
34	Impact of Nrf2 on tumour growth and drug sensitivity in oncogenic K-ras-transformed cells in vitro and in vivo. Free Radical Research, 2018, 52, 661-671.	3.3	13
35	Elimination of stem-like cancer cell side-population by auranofin through modulation of ROS and glycolysis. Cell Death and Disease, 2018, 9, 89.	6.3	89
36	Domino Carbopalladation/Câ€“H Activation as a Quick Access to Polycyclic Frameworks. Organic Letters, 2018, 20, 712-715.	4.6	32

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37	Identification of cisplatin sensitizers through high-throughput combinatorial screening. International Journal of Oncology, 2018, 53, 1237-1246.	3.3	5
38	PDSS2 Deficiency Induces Hepatocarcinogenesis by Decreasing Mitochondrial Respiration and Reprogramming Glucose Metabolism. Cancer Research, 2018, 78, 4471-4481.	0.9	26
39	Heterocyclic Iodoniums for the Assembly of Oxygen-Bridged Polycyclic Heteroarenes with Water as the Oxygen Source. Organic Letters, 2018, 20, 4815-4818.	4.6	42
40	Design, synthesis and biological evaluation ofN-arylsulfonyl carbazoles as novel anticancer agents. RSC Advances, 2018, 8, 17183-17190.	3.6	13
41	Chemotherapy induces tumor immune evasion by upregulation of programmed cell death ligandÂ1 expression in bone marrow stromal cells. Molecular Oncology, 2017, 11, 358-372.	4.6	43
42	Mutant Kras- and p16-regulated NOX4 activation overcomes metabolic checkpoints in development of pancreatic ductal adenocarcinoma. Nature Communications, 2017, 8, 14437.	12.8	77
43	Glyceraldehyde-3-phosphate dehydrogenase promotes cancer growth and metastasis through upregulation of SNAIL expression. International Journal of Oncology, 2017, 50, 252-262.	3.3	64
44	Regulation of stem-like cancer cells by glutamine through Î²-catenin pathway mediated by redox signaling. Molecular Cancer, 2017, 16, 51.	19.2	81
45	Synthesis of Fluorenes with an Allâ€Carbon Quaternary Center via Palladiumâ€Catalyzed Dual Arylation using Cyclic Diaryliodonium Triflates. Advanced Synthesis and Catalysis, 2017, 359, 1152-1156.	4.3	24
46	Targeting cancer cell mitochondria as a therapeutic approach: recent updates. Future Medicinal Chemistry, 2017, 9, 929-949.	2.3	64
47	New Mild and Simple Approach to Isothiocyanates: A Class of Potent Anticancer Agents. Molecules, 2017, 22, 773.	3.8	14
48	MGMT in colorectal cancer: a promising component of personalized treatment. Tumor Biology, 2016, 37, 11443-11456.	1.8	11
49	Cancer stem cells, metabolism, and therapeutic significance. Tumor Biology, 2016, 37, 5735-5742.	1.8	69
50	Relayed Regioselective Alkynylation/Olefination of Unsymmetrical Cyclic Diaryliodonium Species Catalyzed by Cu and Pd: Affording Fluorescent Cytotoxic Benzoxazoles. Chemistry - A European Journal, 2015, 21, 18915-18920.	3.3	23
51	Metabolic activation of mitochondria in glioma stem cells promotes cancer development through a reactive oxygen species-mediated mechanism. Stem Cell Research and Therapy, 2015, 6, 198.	5.5	40
52	Selective killing of K-rasâ€“transformed pancreatic cancer cells by targeting NAD(P)H oxidase. Chinese Journal of Cancer, 2015, 34, 166-76.	4.9	22
53	Synthesis and biological evaluation of santacruzamate A and analogs as potential anticancer agents. RSC Advances, 2015, 5, 1109-1112.	3.6	7
54	Identification of NDUFAF1 in mediating K-Ras induced mitochondrial dysfunction by a proteomic screening approach. Oncotarget, 2015, 6, 3947-3962.	1.8	21

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55	Micro-RNA-155 is induced by K-Ras oncogenic signal and promotes ROS stress in pancreatic cancer. Oncotarget, 2015, 6, 21148-21158.	1.8	99
56	Increased Expression of EIF5A2, Via Hypoxia or Gene Amplification, Contributes to Metastasis and Angiogenesis of Esophageal Squamous Cell Carcinoma. Gastroenterology, 2014, 146, 1701-1713.e9.	1.3	87
57	Cooperativity of Oncogenic K-Ras and Downregulated p16/INK4A in Human Pancreatic Tumorigenesis. PLoS ONE, 2014, 9, e101452.	2.5	39
58	Synthesis of Carbazoles via Oneâ€Pot Copperâ€Catalyzed Amine Insertion into Cyclic Diphenyleneiodoniums as a Strategy to Generate a Drugâ€Like Chemical Library. Advanced Synthesis and Catalysis, 2013, 355, 2172-2178.	4.3	101
59	Targeting cancer cells by ROS-mediated mechanisms: a radical therapeutic approach?. Nature Reviews Drug Discovery, 2009, 8, 579-591.	46.4	4,327
60	Redox Regulation of Cell Survival. Antioxidants and Redox Signaling, 2008, 10, 1343-1374.	5.4	1,464
61	Novel Action of Paclitaxel against Cancer Cells: Bystander Effect Mediated by Reactive Oxygen Species. Cancer Research, 2007, 67, 3512-3517.	0.9	338
62	Action of (E)-2â€²-Deoxy-2â€²-(fluoromethylene)cytidine on DNA Metabolism: Incorporation, Excision, and Cellular Response. Molecular Pharmacology, 2002, 61, 222-229.	2.3	29