

Qiaojun He

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

3,500
citations

136950

32
h-index

175258

52
g-index

103
all docs

103
docs citations

103
times ranked

6160
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Cell Transcriptomics Uncovers Glial Progenitor Diversity and Cell Fate Determinants during Development and Gliomagenesis. <i>Cell Stem Cell</i> , 2019, 24, 707-723.e8.	11.1	145
2	DJ-1 suppresses ferroptosis through preserving the activity of S-adenosyl homocysteine hydrolase. <i>Nature Communications</i> , 2020, 11, 1251.	12.8	136
3	Macrophage Polarization: Anti-Cancer Strategies to Target Tumor-Associated Macrophage in Breast Cancer. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2484-2501.	2.6	135
4	Metformin prevents cancer metastasis by inhibiting M2-like polarization of tumor associated macrophages. <i>Oncotarget</i> , 2015, 6, 36441-36455.	1.8	130
5	PROTAC-DB: an online database of PROTACs. <i>Nucleic Acids Research</i> , 2021, 49, D1381-D1387.	14.5	127
6	Tumor hypoxia enhances non-small cell lung cancer metastasis by selectively promoting macrophage M2 polarization through the activation of ERK signaling. <i>Oncotarget</i> , 2014, 5, 9664-9677.	1.8	118
7	All-Trans Retinoic Acid Prevents Osteosarcoma Metastasis by Inhibiting M2 Polarization of Tumor-Associated Macrophages. <i>Cancer Immunology Research</i> , 2017, 5, 547-559.	3.4	112
8	LncRNA-MM2P Identified as a Modulator of Macrophage M2 Polarization. <i>Cancer Immunology Research</i> , 2019, 7, 292-305.	3.4	110
9	Epigenetic strategies synergize with PD-L1/PD-1 targeted cancer immunotherapies to enhance antitumor responses. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 723-733.	12.0	102
10	Inhibition of Ubiquitin-Specific Proteases as a Novel Anticancer Therapeutic Strategy. <i>Frontiers in Pharmacology</i> , 2018, 9, 1080.	3.5	100
11	PARP1 Suppresses the Transcription of PD-L1 by Poly(ADP-Ribosyl)ating STAT3. <i>Cancer Immunology Research</i> , 2019, 7, 136-149.	3.4	82
12	The Oxidation States of DJ-1 Dictate the Cell Fate in Response to Oxidative Stress Triggered by 4-HPR: Autophagy or Apoptosis?. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1443-1459.	5.4	79
13	Discovery of a first-in-class CDK2 selective degrader for AML differentiation therapy. <i>Nature Chemical Biology</i> , 2021, 17, 567-575.	8.0	76
14	Imatinib prevents lung cancer metastasis by inhibiting M2-like polarization of macrophages. <i>Pharmacological Research</i> , 2018, 133, 121-131.	7.1	73
15	Multi-constraint molecular generation based on conditional transformer, knowledge distillation and reinforcement learning. <i>Nature Machine Intelligence</i> , 2021, 3, 914-922.	16.0	73
16	ROS-driven Akt dephosphorylation at Ser-473 is involved in 4-HPR-mediated apoptosis in NB4 cells. <i>Free Radical Biology and Medicine</i> , 2009, 47, 536-547.	2.9	66
17	Ubiquitin-dependent degradation of CDK2 drives the therapeutic differentiation of AML by targeting PRDX2. <i>Blood</i> , 2018, 131, 2698-2711.	1.4	66
18	Stress granule: A promising target for cancer treatment. <i>British Journal of Pharmacology</i> , 2019, 176, 4421-4433.	5.4	66

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19	Hypoxia-Induced WSB1 Promotes the Metastatic Potential of Osteosarcoma Cells. <i>Cancer Research</i> , 2015, 75, 4839-4851.	0.9	62
20	Molecular basis for class side effects associated with PI3K/AKT/mTOR pathway inhibitors. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019, 15, 767-774.	3.3	58
21	Dihydromyricetin prevents cardiotoxicity and enhances anticancer activity induced by adriamycin. <i>Oncotarget</i> , 2015, 6, 3254-3267.	1.8	55
22	Kelch-like proteins: Physiological functions and relationships with diseases. <i>Pharmacological Research</i> , 2019, 148, 104404.	7.1	48
23	The involvement of M2 macrophage polarization inhibition in fenretinide-mediated chemopreventive effects on colon cancer. <i>Cancer Letters</i> , 2017, 388, 43-53.	7.2	47
24	Neohesperidin prevents colorectal tumorigenesis by altering the gut microbiota. <i>Pharmacological Research</i> , 2019, 148, 104460.	7.1	45
25	Inhibition of KLF4 by Statins Reverses Adriamycin-Induced Metastasis and Cancer Stemness in Osteosarcoma Cells. <i>Stem Cell Reports</i> , 2017, 8, 1617-1629.	4.8	44
26	Macrophage-secreted TSLP and MMP9 promote bleomycin-induced pulmonary fibrosis. <i>Toxicology and Applied Pharmacology</i> , 2019, 366, 10-16.	2.8	44
27	The role of autophagy in targeted therapy for acute myeloid leukemia. <i>Autophagy</i> , 2021, 17, 2665-2679.	9.1	44
28	The dual PI3K/mTOR inhibitor NVP-BEZ235 prevents epithelial-mesenchymal transition induced by hypoxia and TGF- β 1. <i>European Journal of Pharmacology</i> , 2014, 729, 45-53.	3.5	42
29	HMGB1 contributes to adriamycin-induced cardiotoxicity via up-regulating autophagy. <i>Toxicology Letters</i> , 2018, 292, 115-122.	0.8	42
30	Bortezomib Sensitizes Human Acute Myeloid Leukemia Cells to All- <i>Trans</i> -Retinoic Acid-Induced Differentiation by Modifying the RAR α /STAT1 Axis. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 195-206.	4.1	38
31	High-mobility group box 1 protein-mediated necroptosis contributes to dasatinib-induced cardiotoxicity. <i>Toxicology Letters</i> , 2018, 296, 39-47.	0.8	37
32	Dietary pectic substances enhance gut health by its polycomponent: A review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 2015-2039.	11.7	35
33	HMGB1 represses the anti-cancer activity of sunitinib by governing TP53 autophagic degradation via its nucleus-to-cytoplasm transport. <i>Autophagy</i> , 2018, 14, 2155-2170.	9.1	34
34	PLK1 (polo like kinase 1)-dependent autophagy facilitates gefitinib-induced hepatotoxicity by degrading COX6A1 (cytochrome c oxidase subunit 6A1). <i>Autophagy</i> , 2021, 17, 3221-3237.	9.1	33
35	Structure-activity relationship of Citrus segment membrane RG-I pectin against Galectin-3: The galactan is not the only important factor. <i>Carbohydrate Polymers</i> , 2020, 245, 116526.	10.2	33
36	Autophagy contributes to dasatinib-induced myeloid differentiation of human acute myeloid leukemia cells. <i>Biochemical Pharmacology</i> , 2014, 89, 74-85.	4.4	32

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37	Advances in differentiation therapy for osteosarcoma. <i>Drug Discovery Today</i> , 2020, 25, 497-504.	6.4	32
38	Recent advance of peptide-based molecules and nonpeptidic small-molecules modulating PD-1/PD-L1 protein-protein interaction or targeting PD-L1 protein degradation. <i>European Journal of Medicinal Chemistry</i> , 2021, 213, 113170.	5.5	32
39	Cap-dependent translation initiation factor, eIF4E, is the target for Ouabain-mediated inhibition of HIF-1 α . <i>Biochemical Pharmacology</i> , 2014, 89, 20-30.	4.4	31
40	Lenalidomide regulates CNS autoimmunity by promoting M2 macrophages polarization. <i>Cell Death and Disease</i> , 2018, 9, 251.	6.3	31
41	ROS-dependent DNA damage contributes to crizotinib-induced hepatotoxicity via the apoptotic pathway. <i>Toxicology and Applied Pharmacology</i> , 2019, 383, 114768.	2.8	30
42	Noncovalent CDK12/13 dual inhibitors-based PROTACs degrade CDK12-Cyclin K complex and induce synthetic lethality with PARP inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2022, 228, 114012.	5.5	30
43	Autophagy protects against dasatinib-induced hepatotoxicity via p38 signaling. <i>Oncotarget</i> , 2015, 6, 6203-6217.	1.8	27
44	Regulation of p53 stability as a therapeutic strategy for cancer. <i>Biochemical Pharmacology</i> , 2021, 185, 114407.	4.4	27
45	Dasatinib synergises with irinotecan to suppress hepatocellular carcinoma via inhibiting the protein synthesis of PLK1. <i>British Journal of Cancer</i> , 2017, 116, 1027-1036.	6.4	26
46	DHFR/TYMS are positive regulators of glioma cell growth and modulate chemo-sensitivity to temozolomide. <i>European Journal of Pharmacology</i> , 2019, 863, 172665.	3.5	26
47	E2F1 impairs all-trans retinoic acid-induced osteogenic differentiation of osteosarcoma via promoting ubiquitination-mediated degradation of RAR α . <i>Cell Cycle</i> , 2014, 13, 1277-1287.	2.6	25
48	PD-1/PD-L1 counterattack alliance: multiple strategies for treating triple-negative breast cancer. <i>Drug Discovery Today</i> , 2020, 25, 1762-1771.	6.4	25
49	Advances in targeted therapy for osteosarcoma based on molecular classification. <i>Pharmacological Research</i> , 2021, 169, 105684.	7.1	25
50	Folate Metabolism Regulates Oligodendrocyte Survival and Differentiation by Modulating AMPK α Activity. <i>Scientific Reports</i> , 2017, 7, 1705.	3.3	24
51	Sorafenib-associated hand-foot skin reaction: practical advice on diagnosis, mechanism, prevention, and management. <i>Expert Review of Clinical Pharmacology</i> , 2019, 12, 1121-1127.	3.1	24
52	s-HBEGF/SIRT1 circuit-dictated crosstalk between vascular endothelial cells and keratinocytes mediates sorafenib-induced hand-foot skin reaction that can be reversed by nicotinamide. <i>Cell Research</i> , 2020, 30, 779-793.	12.0	24
53	The contribution of keratinocytes in capecitabine-stimulated hand-foot-syndrome. <i>Environmental Toxicology and Pharmacology</i> , 2017, 49, 81-88.	4.0	22
54	Bisdemethoxycurcumin protects against renal fibrosis via activation of fibroblast apoptosis. <i>European Journal of Pharmacology</i> , 2019, 847, 26-31.	3.5	22

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55	Inhibition of all-trans-retinoic acid-induced proteasome activation potentiates the differentiating effect of retinoid in acute myeloid leukemia cells. <i>Molecular Carcinogenesis</i> , 2011, 50, 24-35.	2.7	21
56	Autophagy blockade sensitizes the anticancer activity of CA-4 via JNK-Bcl-2 pathway. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 319-327.	2.8	21
57	Gefitinib Synergizes with Irinotecan to Suppress Hepatocellular Carcinoma via Antagonizing Rad51-Mediated DNA-Repair. <i>PLoS ONE</i> , 2016, 11, e0146968.	2.5	21
58	The HER2 inhibitor TAK165 Sensitizes Human Acute Myeloid Leukemia Cells to Retinoic Acid-Induced Myeloid Differentiation by activating MEK/ERK mediated RAR α /STAT1 axis. <i>Scientific Reports</i> , 2016, 6, 24589.	3.3	20
59	The Proteasome Inhibitor Bortezomib Enhances ATRA-Induced Differentiation of Neuroblastoma Cells via the JNK Mitogen-Activated Protein Kinase Pathway. <i>PLoS ONE</i> , 2011, 6, e27298.	2.5	16
60	Discovery of novel morpholino-quinoxalines as PI3K α inhibitors by pharmacophore-based screening. <i>MedChemComm</i> , 2012, 3, 659.	3.4	16
61	DeepAtomicCharge: a new graph convolutional network-based architecture for accurate prediction of atomic charges. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	16
62	Novel potent HIF-1 inhibitors for the prevention of tumor metastasis: discovery and optimization of 3-aryl-5-indazole-1,2,4-oxadiazole derivatives. <i>RSC Advances</i> , 2015, 5, 81817-81830.	3.6	15
63	Diosmetin protects against retinal injury via reduction of DNA damage and oxidative stress. <i>Toxicology Reports</i> , 2016, 3, 78-86.	3.3	15
64	Imatinib prevents elastase-induced abdominal aortic aneurysm progression by regulating macrophage-derived MMP9. <i>European Journal of Pharmacology</i> , 2019, 860, 172559.	3.5	15
65	Liquiritin, as a Natural Inhibitor of AKR1C1, Could Interfere With the Progesterone Metabolism. <i>Frontiers in Physiology</i> , 2019, 10, 833.	2.8	14
66	Discovery of N-((3S,4S)-4-(3,4-Difluorophenyl)piperidin-3-yl)-2-fluoro-4-(1-methyl-1H-pyrazol-5-yl)benzamide (Hu7691), a Potent and Selective Akt Inhibitor That Enables Decrease of Cutaneous Toxicity. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12163-12180.	6.4	14
67	Protein phase separation: A novel therapy for cancer?. <i>British Journal of Pharmacology</i> , 2020, 177, 5008-5030.	5.4	13
68	Small ubiquitin-related modifier ϵ 1 modification regulates all-trans-retinoic acid-induced differentiation via stabilization of retinoic acid receptor α . <i>FEBS Journal</i> , 2014, 281, 3032-3047.	4.7	12
69	Cyclin-dependent kinases-based synthetic lethality: Evidence, concept, and strategy. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2738-2748.	12.0	12
70	WSB1 regulates c-Myc expression through β -catenin signaling and forms a feedforward circuit. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1225-1239.	12.0	12
71	DNA-PKcs, a novel functional target of acriflavine, mediates acriflavine's p53-dependent synergistic anti-tumor efficiency with melphalan. <i>Cancer Letters</i> , 2016, 383, 115-124.	7.2	11
72	CDK2 suppression synergizes with all-trans-retinoic acid to overcome the myeloid differentiation blockade of AML cells. <i>Pharmacological Research</i> , 2020, 151, 104545.	7.1	11

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73	Evaluation of Artificial Intelligence in Participating Structure-Based Virtual Screening for Identifying Novel Interleukin-1 Receptor Associated Kinase-1 Inhibitors. <i>Frontiers in Oncology</i> , 2020, 10, 1769.	2.8	11
74	5-Fluorouracil causes severe CNS demyelination by disruption of TCF7L2/HDAC1/HDAC2 complex in adolescent mice. <i>Toxicology</i> , 2014, 325, 144-150.	4.2	10
75	Am80â€•<scp>GCSF</scp> synergizes myeloid expansion and differentiation to generate functional neutrophils that reduce neutropeniaâ€•associated infection andÂmortality. <i>EMBO Molecular Medicine</i> , 2016, 8, 1340-1359.	6.9	10
76	Deneddylaton of PML/RARÎ± reconstructs functional PML nuclear bodies via orchestrating phase separation to eradicate APL. <i>Cell Death and Differentiation</i> , 2022, . .	11.2	10
77	Discovery of 5,6-Bis(4-methoxy-3-methylphenyl)pyridin-2-amine as a WSB1 Degradator to Inhibit Cancer Cell Metastasis. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8621-8643.	6.4	9
78	Discovery of Novel Indazoles as Potent and Selective PI3KÎ³ Inhibitors with High Efficacy for Treatment of Hepatocellular Carcinoma. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3849-3865.	6.4	9
79	Design, synthesis and biological evaluation of new dihydropyridine derivatives as PD-L1 degraders for enhancing antitumor immunity. <i>Bioorganic Chemistry</i> , 2022, 125, 105820.	4.1	9
80	All-trans retinoic acid synergizes with topotecan to suppress AML cells via promoting RARÎ±-mediated DNA damage. <i>BMC Cancer</i> , 2016, 16, 2.	2.6	8
81	Immune cells in the tumour: new routes of retinoids for chemoprevention and chemotherapeutics. <i>British Journal of Pharmacology</i> , 2018, 175, 4285-4294.	5.4	8
82	Post-translational modification of retinoic acid receptor alpha and its roles in tumor cell differentiation. <i>Biochemical Pharmacology</i> , 2020, 171, 113696.	4.4	8
83	ASFP (Artificial Intelligence based Scoring Function Platform): a web server for the development of customized scoring functions. <i>Journal of Cheminformatics</i> , 2021, 13, 6.	6.1	8
84	Targeting Cul3-scaffold E3 ligase complex via KLHL substrate adaptors for cancer therapy. <i>Pharmacological Research</i> , 2021, 169, 105616.	7.1	8
85	Vascular endothelial growth factor (<scp>VEGF</scp>) antibody significantly increases the risk of handâ€•foot skin reaction to multikinase inhibitors (<scp>MKI</scp>s): A systematic literature review and metaâ€•analysis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 659-667.	1.9	7
86	Targeting Myc Interacting Proteins as a Winding Path in Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2021, 12, 748852.	3.5	7
87	Keratinocytes apoptosis contributes to crizotinib induced-erythroderma. <i>Toxicology Letters</i> , 2020, 319, 102-110.	0.8	6
88	SDHA/B reduction promotes hepatocellular carcinoma by facilitating the deNEDDylation of cullin1 and stabilizing YAP/TAZ. <i>Hepatology</i> , 2023, 78, 103-119.	7.3	6
89	Targeted Protein Degradation and Regulation with Molecular Glue: Past and Recent Discoveries. <i>Current Medicinal Chemistry</i> , 2022, 29, 2490-2503.	2.4	5
90	One therapeutic approach for triple-negative breast cancer: Checkpoint kinase 1 inhibitor AZD7762 combination with neoadjuvant carboplatin. <i>European Journal of Pharmacology</i> , 2021, 908, 174366.	3.5	5

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91	Design, synthesis and biological evaluation of quinazoline derivatives as potent and selective FGFR4 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113794.	5.5	5
92	Design, synthesis, and biological evaluation of quinazoline derivatives with covalent reversible warheads as potential FGFR4 inhibitors. <i>Bioorganic Chemistry</i> , 2022, 121, 105673.	4.1	5
93	Bisdemethoxycurcumin alleviates vandetanib-induced cutaneous toxicity in vivo and in vitro through autophagy activation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112297.	5.6	4
94	Hyperglycemia decreases anti-cancer efficiency of adriamycin via AMPK pathway. <i>Endocrine-Related Cancer</i> , 2020, 27, X3-X4.	3.1	3
95	Progress and perspective of organoid technology in cancer-related translational medicine. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112869.	5.6	3
96	Antileukemia activity of MSFTZâ€“a novel flavanone analog. <i>Anti-Cancer Drugs</i> , 2006, 17, 641-647.	1.4	2
97	TCF7L2 activation is required for myelin regeneration in 5-FU-induced demyelinating mice. <i>Toxicology Research</i> , 2015, 4, 1597-1603.	2.1	1