

Miao He

List of Publications by Year in descending order

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85
papers

2,702
citations

136950

32
h-index

223800

46
g-index

89
all docs

89
docs citations

89
times ranked

3773
citing authors

#	ARTICLE	IF	CITATIONS
1	Menin inhibitor MI-3454 induces remission in MLL1-rearranged and NPM1-mutated models of leukemia. <i>Journal of Clinical Investigation</i> , 2020, 130, 981-997.	8.2	146
2	HIF-2 α promotes conversion to a stem cell phenotype and induces chemoresistance in breast cancer cells by activating Wnt and Notch pathways. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 256.	8.6	124
3	Epigallocatechin gallate Attenuates Microglial Inflammation and Neurotoxicity by Suppressing the Activation of Canonical and Noncanonical Inflammasome via TLR4/NF κ B Pathway. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801230.	3.3	83
4	MiR-302a/b/c/d cooperatively sensitizes breast cancer cells to adriamycin via suppressing P-glycoprotein(P-gp) by targeting MAP/ERK kinase kinase 1 (MEKK1). <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 25.	8.6	82
5	lncRNA-Xist/miR-101-3p/KLF6/C/EBP β axis promotes TAM polarization to regulate cancer cell proliferation and migration. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 536-551.	5.1	80
6	Discovery of ARD-2585 as an Exceptionally Potent and Orally Active PROTAC Degradator of Androgen Receptor for the Treatment of Advanced Prostate Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13487-13509.	6.4	78
7	MicroRNA-100 suppresses the migration and invasion of breast cancer cells by targeting FZD-8 and inhibiting Wnt/ β 2-catenin signaling pathway. <i>Tumor Biology</i> , 2016, 37, 5001-5011.	1.8	74
8	Identification of a novel cell cycle-related gene signature predicting survival in patients with gastric cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 6350-6360.	4.1	68
9	MicroRNA-148a inhibits breast cancer migration and invasion by directly targeting WNT-1. <i>Oncology Reports</i> , 2016, 35, 1425-1432.	2.6	64
10	Photoinduced anticancer activity studies of iridium(III) complexes targeting mitochondria and tubules. <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 568-584.	5.5	59
11	Property Focused Structure-Based Optimization of Small Molecule Inhibitors of the Protein-Protein Interaction between Menin and Mixed Lineage Leukemia (MLL). <i>Journal of Medicinal Chemistry</i> , 2016, 59, 892-913.	6.4	56
12	Albumin Nanoparticle of Paclitaxel (Abraxane) Decreases while Taxol Increases Breast Cancer Stem Cells in Treatment of Triple Negative Breast Cancer. <i>Molecular Pharmaceutics</i> , 2020, 17, 2275-2286.	4.6	55
13	N6-methyladenosine reader IMP2 stabilizes the ZFAS1/OLA1 axis and activates the Warburg effect: implication in colorectal cancer. <i>Journal of Hematology and Oncology</i> , 2021, 14, 188.	17.0	55
14	Synthesis, characterization and anticancer activity in vitro and in vivo evaluation of an iridium (III) polypyridyl complex. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 338-349.	5.5	52
15	MiR-487a Promotes TGF- β 1-induced EMT, the Migration and Invasion of Breast Cancer Cells by Directly Targeting MAGI2. <i>International Journal of Biological Sciences</i> , 2016, 12, 397-408.	6.4	51
16	miR-302a/b/c/d cooperatively inhibit BCRP expression to increase drug sensitivity in breast cancer cells. <i>Gynecologic Oncology</i> , 2016, 141, 592-601.	1.4	51
17	Studies of anticancer activity in vitro and in vivo of iridium(III) polypyridyl complexes-loaded liposomes as drug delivery system. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 390-400.	5.5	49
18	Glycolysis gene expression profilings screen for prognostic risk signature of hepatocellular carcinoma. <i>Aging</i> , 2019, 11, 10861-10882.	3.1	49

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19	Hypoxia-inducible factor-2 β directly promotes <i>BCRP</i> expression and mediates the resistance of ovarian cancer stem cells to adriamycin. <i>Molecular Oncology</i> , 2019, 13, 403-421.	4.6	47
20	The Hedgehog signalling pathway mediates drug response of MCF-7 mammosphere cells in breast cancer patients. <i>Clinical Science</i> , 2015, 129, 809-822.	4.3	46
21	Lipid-lowering, hepatoprotective, and atheroprotective effects of the mixture Hong-Qu and gypenosides in hyperlipidemia with NAFLD rats. <i>Journal of the Chinese Medical Association</i> , 2016, 79, 111-121.	1.4	46
22	Distinct biodistribution of doxorubicin and the altered dispositions mediated by different liposomal formulations. <i>International Journal of Pharmaceutics</i> , 2017, 519, 1-10.	5.2	46
23	Evaluation of anticancer effect <i>in vitro</i> and <i>in vivo</i> of iridium(III) complexes on gastric carcinoma SGC-7901 cells. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 401-416.	5.5	46
24	Complexity of Blocking Bivalent Protein-Protein Interactions: Development of a Highly Potent Inhibitor of the Menin-Mixed-Lineage Leukemia Interaction. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4832-4850.	6.4	45
25	Hypoxia-mediated cancer stem cell resistance and targeted therapy. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110623.	5.6	45
26	SNORD89 promotes stemness phenotype of ovarian cancer cells by regulating Notch1-c-Myc pathway. <i>Journal of Translational Medicine</i> , 2019, 17, 259.	4.4	43
27	LncRNA HOTTIP facilitates the stemness of breast cancer via regulation of miR-148a/p/WNT1 pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6242-6252.	3.6	42
28	Ano1/TMEM16A Overexpression Is Associated with Good Prognosis in PR-Positive or HER2-Negative Breast Cancer Patients following Tamoxifen Treatment. <i>PLoS ONE</i> , 2015, 10, e0126128.	2.5	39
29	Elimination of epithelial-like and mesenchymal-like breast cancer stem cells to inhibit metastasis following nanoparticle-mediated photothermal therapy. <i>Biomaterials</i> , 2016, 104, 145-157.	11.4	39
30	Liposomes encapsulated iridium(III) polypyridyl complexes enhance anticancer activity <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Inorganic Biochemistry</i> , 2020, 205, 111014.	3.5	39
31	Depleting tumor-associated Tregs via nanoparticle-mediated hyperthermia to enhance anti-CTLA-4 immunotherapy. <i>Nanomedicine</i> , 2020, 15, 77-92.	3.3	38
32	Reappraisal of anticancer nanomedicine design criteria in three types of preclinical cancer models for better clinical translation. <i>Biomaterials</i> , 2021, 275, 120910.	11.4	37
33	HDAC2 overexpression is a poor prognostic factor of breast cancer patients with increased multidrug resistance-associated protein expression who received anthracyclines therapy. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 893-902.	1.3	35
34	Liposomal formulation of HIF-1 β inhibitor echinomycin eliminates established metastases of triple-negative breast cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102278.	3.3	32
35	Expression signature of six snoRNA serves as novel non-invasive biomarker for diagnosis and prognosis prediction of renal clear cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2215-2228.	3.6	32
36	Identification of potential key genes and pathways predicting pathogenesis and prognosis for triple-negative breast cancer. <i>Cancer Cell International</i> , 2019, 19, 172.	4.1	31

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37	Hepatoprotective effect of total flavonoids from <i>Glycyrrhiza uralensis</i> Fisch in liver injury mice. <i>Natural Product Research</i> , 2021, 35, 6083-6087.	1.8	30
38	Identification of the prognostic value of immune gene signature and infiltrating immune cells for esophageal cancer patients. <i>International Immunopharmacology</i> , 2020, 87, 106795.	3.8	30
39	A novel HIF-2 α targeted inhibitor suppresses hypoxia-induced breast cancer stemness via SOD2-mtROS-PDI/GPR78-UPRER axis. <i>Cell Death and Differentiation</i> , 2022, 29, 1769-1789.	11.2	30
40	Salinomycin induces selective cytotoxicity to MCF-7 mammosphere cells through targeting the Hedgehog signaling pathway. <i>Oncology Reports</i> , 2016, 35, 912-922.	2.6	28
41	Anticancer and antibacterial activity in vitro evaluation of iridium(III) polypyridyl complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 151-169.	2.6	25
42	Therapeutic targeting of TP53-mutated acute myeloid leukemia by inhibiting HIF-1 α with echinomycin. <i>Oncogene</i> , 2020, 39, 3015-3027.	5.9	25
43	Associations of genetic polymorphisms in pTEN/AKT/mTOR signaling pathway genes with cancer risk: A meta-analysis in Asian population. <i>Scientific Reports</i> , 2017, 7, 17844.	3.3	24
44	Design, synthesis and biological evaluation of iridium(III) complexes as potential antitumor agents. <i>Journal of Inorganic Biochemistry</i> , 2019, 201, 110822.	3.5	23
45	New ruthenium polypyridyl complexes functionalized with fluorine atom or furan: Synthesis, DNA-binding, cytotoxicity and antitumor mechanism studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117534.	3.9	23
46	Design and synthesis of new ruthenium polypyridyl complexes with potent antitumor activity in vitro. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 220, 117132.	3.9	21
47	Combined expression of ezrin and E-cadherin is associated with lymph node metastasis and poor prognosis in breast cancer. <i>Oncology Reports</i> , 2015, 34, 165-174.	2.6	20
48	Identification of a panel of mitotic spindle-related genes as a signature predicting survival in lung adenocarcinoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 4361-4375.	4.1	20
49	SNORA72 Activates the Notch1/c-Myc Pathway to Promote Stemness Transformation of Ovarian Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 583087.	3.7	20
50	Quantification and bio-assay of α -glucosidase inhibitors from the roots of <i>Glycyrrhiza uralensis</i> Fisch.. <i>Natural Product Research</i> , 2016, 30, 2130-2134.	1.8	19
51	Polymorphisms in DNA repair pathway genes and <i>ABCG2</i> gene in advanced colorectal cancer: correlation with tumor characteristics and clinical outcome in oxaliplatin-based chemotherapy. <i>Cancer Management and Research</i> , 2018, Volume 11, 285-297.	1.9	19
52	Intrinsic adriamycin resistance in p53-mutated breast cancer is related to the miR-30c/FANCF/REVI-mediated DNA damage response. <i>Cell Death and Disease</i> , 2019, 10, 666.	6.3	19
53	Evaluation of anticancer activity <i>in vitro</i> and <i>in vivo</i> of iridium(III) polypyridyl complexes. <i>New Journal of Chemistry</i> , 2019, 43, 8566-8579.	2.8	18
54	Development of an IFN γ response-related signature for predicting the survival of cutaneous melanoma. <i>Cancer Medicine</i> , 2020, 9, 8186-8201.	2.8	17

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55	Discovery of first-in-class inhibitors of ASH1L histone methyltransferase with anti-leukemic activity. <i>Nature Communications</i> , 2021, 12, 2792.	12.8	17
56	Development of four ruthenium polypyridyl complexes as antitumor agents: Design, biological evaluation and mechanism investigation. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111104.	3.5	17
57	Different Nanoformulations Alter the Tissue Distribution of Paclitaxel, Which Aligns with Reported Distinct Efficacy and Safety Profiles. <i>Molecular Pharmaceutics</i> , 2018, 15, 4505-4516.	4.6	15
58	The long non-coding RNA LINC00460 predicts the prognosis and promotes the proliferation and migration of cells in bladder urothelial carcinoma. <i>Oncology Letters</i> , 2019, 17, 3874-3880.	1.8	15
59	Identifying a ten-microRNA signature as a superior prognosis biomarker in colon adenocarcinoma. <i>Cancer Cell International</i> , 2019, 19, 360.	4.1	15
60	NF- κ B-activated SPRY4-IT1 promotes cancer cell metastasis by downregulating TCEB1 mRNA via Stau1-mediated mRNA decay. <i>Oncogene</i> , 2021, 40, 4919-4929.	5.9	15
61	Calcium-/Calmodulin-Dependent Protein Kinase II (CaMKII) Inhibition Induces Learning and Memory Impairment and Apoptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	4.0	14
62	The Hedgehog signaling pathway is associated with poor prognosis in breast cancer patients with the CD44+/CD24 ^{low} phenotype. <i>Molecular Medicine Reports</i> , 2016, 14, 5261-5270.	2.4	13
63	Moesin is an independent prognostic marker for ER ⁺ positive breast cancer. <i>Oncology Letters</i> , 2018, 17, 1921-1933.	1.8	12
64	Analysis of immune subtypes based on immunogenomic profiling identifies prognostic signature for cutaneous melanoma. <i>International Immunopharmacology</i> , 2020, 89, 107162.	3.8	12
65	Systematic evaluation of the antitumor activity of three ruthenium polypyridyl complexes. <i>Journal of Inorganic Biochemistry</i> , 2021, 225, 111616.	3.5	12
66	Identification of DNA-Repair-Related Five-Gene Signature to Predict Prognosis in Patients with Esophageal Cancer. <i>Pathology and Oncology Research</i> , 2021, 27, 596899.	1.9	11
67	Anti-infective Activity of 2-Cyano-3-Acrylamide Inhibitors with Improved Drug-Like Properties against Two Intracellular Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4183-4196.	3.2	10
68	Design, Synthesis, and Anticancer Effect Studies of Iridium(III) Polypyridyl Complexes against SGC-7901 Cells. <i>Molecules</i> , 2019, 24, 3129.	3.8	10
69	Alteration in Acute Kidney Injury Potential with the Combination of Vancomycin and Imipenem-Cilastatin/Relebactam or Piperacillin/Tazobactam in a Preclinical Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	10
70	Overexpression of Rsf-1 correlates with pathological type, p53 status and survival in primary breast cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 5595-608.	0.5	10
71	Association of interleukin-33 gene polymorphisms with susceptibility to late onset Alzheimer's disease: a meta-analysis. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 2275-2284.	2.2	9
72	Prognostic alternative splicing signature reveals the landscape of immune infiltration in Pancreatic Cancer. <i>Journal of Cancer</i> , 2020, 11, 6530-6544.	2.5	9

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73	Breast Cancer Risk-Associated SNPs in the <i>mTOR</i> Promoter Form <i>De Novo</i> KLF5- and ZEB1-Binding Sites that Influence the Cellular Response to Paclitaxel. <i>Molecular Cancer Research</i> , 2019, 17, 2244-2256.	3.4	8
74	Development of a novel gene signature in patients without <i>Helicobacter pylori</i> infection gastric cancer. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1842-1854.	2.6	8
75	Neonatal Fc Receptor (FcRn) Enhances Tissue Distribution and Prevents Excretion of nab-Paclitaxel. <i>Molecular Pharmaceutics</i> , 2019, 16, 2385-2393.	4.6	7
76	The induction of apoptosis in BEL-7402 cells by an iridium(III) complex through lysosome-mitochondria pathway. <i>Polyhedron</i> , 2018, 156, 320-331.	2.2	5
77	Development of a Novel Prognostic Signature Based on Antigen Processing and Presentation in Patients with Breast Cancer. <i>Pathology and Oncology Research</i> , 2021, 27, 600727.	1.9	5
78	Identifying potential prognostic biomarkers in head and neck cancer based on the analysis of microRNA expression profiles in TCGA database. <i>Molecular Medicine Reports</i> , 2020, 21, 1647-1657.	2.4	5
79	Immune-Related Long Non-coding RNA Constructs a Prognostic Signature of Ovarian Cancer. <i>Biological Procedures Online</i> , 2021, 23, 24.	2.9	5
80	Platelet Activating Factor Receptor Exaggerates Microglia-Mediated Microenvironment by IL10-STAT3 Signaling: A Novel Potential Biomarker and Target for Diagnosis and Treatment of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 856628.	3.4	5
81	Identification of Novel Key Genes and Pathways in Multiple Sclerosis Based on Weighted Gene Coexpression Network Analysis and Long Noncoding RNA-Associated Competing Endogenous RNA Network. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	4.0	4
82	Species difference in paclitaxel disposition correlated with poor pharmacological efficacy translation from mice to humans. <i>Clinical Pharmacology: Advances and Applications</i> , 2018, Volume 10, 165-174.	1.2	3
83	Induction of apoptosis in SGC-7901 cells by ruthenium(II) complexes through ROS-mediated lysosome-mitochondria dysfunction and inhibition of PI3K/AKT/mTOR pathways. <i>Transition Metal Chemistry</i> , 2019, 44, 187-205.	1.4	3
84	Synthesis, characterization, apoptosis, ROS, autophagy and western blotting studies of cyclometalated iridium(III) complexes. <i>Inorganic Chemistry Communication</i> , 2020, 111, 107594.	3.9	2
85	Effects of the Traditional Chinese Medicine Formula Ento-PB in Experimental Models of Ulcerative Colitis. <i>Natural Product Communications</i> , 2022, 17, 1934578X2210784.	0.5	0