

Jun Cai

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,173
citations

516215

16
h-index

552369

26
g-index

27
all docs

27
docs citations

27
times ranked

1788
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Oligodendrocyte Precursor Cells from Mouse Dorsal Spinal Cord Independent of Nkx6 Regulation and Shh Signaling. <i>Neuron</i> , 2005, 45, 41-53.	3.8	305
2	Dual origin of spinal oligodendrocyte progenitors and evidence for the cooperative role of <i>Olig2</i> and <i>Nkx2.2</i> in the control of oligodendrocyte differentiation. <i>Development (Cambridge)</i> , 2002, 129, 681-693.	1.2	184
3	A cohort autopsy study defines COVID-19 systemic pathogenesis. <i>Cell Research</i> , 2021, 31, 836-846.	5.7	93
4	Decreased Pigment Epithelium-Derived Factor Expression in Human Breast Cancer Progression. <i>Clinical Cancer Research</i> , 2006, 12, 3510-3517.	3.2	77
5	Aspects of Carbon Monoxide in Form of CO-Releasing Molecules Used in Cancer Treatment: More Light on the Way. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	56
6	SIRT1 induces resistance to apoptosis in human granulosa cells by activating the ERK pathway and inhibiting NF- κ B signaling with anti-inflammatory functions. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 1260-1272.	2.2	46
7	Tumour-Endothelial Cell Communications: Important and Indispensable Mediators of Tumour Angiogenesis. <i>Anticancer Research</i> , 2016, 36, 1119-26.	0.5	43
8	Tenascin-C induces migration and invasion through JNK/c-Jun signalling in pancreatic cancer. <i>Oncotarget</i> , 2017, 8, 74406-74422.	0.8	38
9	Fractalkine/CX3CR1 induces apoptosis resistance and proliferation through the activation of the AKT/NF- κ B cascade in pancreatic cancer cells. <i>Cell Biochemistry and Function</i> , 2017, 35, 315-326.	1.4	36
10	Nerve growth factor regulates CD133 function to promote tumor cell migration and invasion via activating ERK1/2 signaling in pancreatic cancer. <i>Pancreatology</i> , 2016, 16, 1005-1014.	0.5	33
11	Re-purposing of curcumin as an anti-metastatic agent for the treatment of epithelial ovarian cancer: <i>in vitro</i> model using cancer stem cell enriched ovarian cancer spheroids. <i>Oncotarget</i> , 2016, 7, 86374-86387.	0.8	31
12	Artemin regulates CXCR4 expression to induce migration and invasion in pancreatic cancer cells through activation of NF- κ B signaling. <i>Experimental Cell Research</i> , 2018, 365, 12-23.	1.2	31
13	LAMC2 modulates the acidity of microenvironments to promote invasion and migration of pancreatic cancer cells via regulating AKT-dependent NHE1 activity. <i>Experimental Cell Research</i> , 2020, 391, 111984.	1.2	31
14	The COL11A1/Akt/CREB signaling axis enables mitochondrial-mediated apoptotic evasion to promote chemoresistance in pancreatic cancer cells through modulating BAX/BCL-2 function. <i>Journal of Cancer</i> , 2021, 12, 1406-1420.	1.2	25
15	Effects of Lidocaine and Ropivacaine on Gastric Cancer Cells Through Down-regulation of ERK1/2 Phosphorylation <i>In Vitro</i> . <i>Anticancer Research</i> , 2018, 38, 6729-6735.	0.5	23
16	Evidence for the differential regulation of Nkx-6.1 expression in the ventral spinal cord and foregut by Shh-dependent and -independent mechanisms. <i>Genesis</i> , 2000, 27, 6-11.	0.8	19
17	Tenascin-C Modulates Cell Cycle Progression to Enhance Tumour Cell Proliferation through AKT/FOXO1 Signalling in Pancreatic Cancer. <i>Journal of Cancer</i> , 2018, 9, 4449-4462.	1.2	17
18	Repurposing old carbon monoxide-releasing molecules towards the anti-angiogenic therapy of triple-negative breast cancer. <i>Oncotarget</i> , 2019, 10, 1132-1148.	0.8	15

#	ARTICLE	IF	CITATIONS
19	Metallothionein as a compensatory component prevents intermittent hypoxia-induced cardiomyopathy in mice. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 58-66.	1.3	14
20	Advances in small-molecule drug discovery for triple-negative breast cancer. <i>Future Medicinal Chemistry</i> , 2015, 7, 2019-2039.	1.1	14
21	Association of breast carcinoma growth with a non-canonical axis of IFN γ /IDO1/TSP1. <i>Oncotarget</i> , 2017, 8, 85024-85039.	0.8	14
22	Apolipoprotein E2 modulates cell cycle function to promote proliferation in pancreatic cancer cells via regulation of the c-Myc/p21/Waf1 signalling pathway. <i>Biochemistry and Cell Biology</i> , 2020, 98, 191-202.	0.9	13
23	Structural Modifications on CORM-3 Lead to Enhanced Anti-angiogenic Properties Against Triple-negative Breast Cancer Cells. <i>Medicinal Chemistry</i> , 2020, 17, 40-59.	0.7	7
24	Apolipoprotein E2 Promotes the Migration and Invasion of Pancreatic Cancer Cells via Activation of the ERK1/2 Signaling Pathway. <i>Cancer Management and Research</i> , 2020, Volume 12, 13161-13171.	0.9	4
25	Perinatal methadone exposure attenuates myelination and induces oligodendrocyte apoptosis in neonatal rat brain. <i>Experimental Biology and Medicine</i> , 2022, 247, 1067-1079.	1.1	3
26	Editorial foreword special issue: "Angiogenesis-convergent or divergent, that is the question: Research toward targeted strategies in oncology". <i>Cancer Letters</i> , 2016, 380, 523-524.	3.2	1
27	Role of Nkx Homeodomain Factors in the Specification and Differentiation of Motor Neurons and Oligodendrocytes. , 2006, , 163-180.		0