Shu-min Zhou

List of Publications by Year
in descending order

29 papers	934 citations	516710 16 h-index	526287 27 g-index
31 all docs	31 docs citations	31 times ranked	1884 citing authors

#	Article	IF	Citations
1	Exosomes secreted by human-induced pluripotent stem cell-derived mesenchymal stem cells attenuate limb ischemia by promoting angiogenesis in mice. Stem Cell Research and Therapy, 2015, 6, 10.	5.5	294
2	Downregulation of the Long Non-Coding RNA Meg3 Promotes Angiogenesis After Ischemic Brain Injury by Activating Notch Signaling. Molecular Neurobiology, 2017, 54, 8179-8190.	4.0	123
3	tRNA-Derived Small Non-Coding RNAs in Response to Ischemia Inhibit Angiogenesis. Scientific Reports, 2016, 6, 20850.	3.3	86
4	Lectin RCA-I specifically binds to metastasis-associated cell surface glycans in triple-negative breast cancer. Breast Cancer Research, 2015, 17, 36.	5.0	48
5	Overexpression of X-Box Binding Protein 1 (XBP1) Correlates to Poor Prognosis and Up-Regulation of PI3K/mTOR in Human Osteosarcoma. International Journal of Molecular Sciences, 2015, 16, 28635-28646.	4.1	33
6	Comprehensive profiling of accessible surface glycans of mammalian sperm using a lectin microarray. Clinical Proteomics, 2014, 11, 10.	2.1	32
7	The â€œsugarâ€•coated bulletsâ€• of cancer: Tumorâ€derived exosome surface glycosylation from basic knowledge to applications. Clinical and Translational Medicine, 2020, 10, e204.	4.0	29
8	SLC3A2 is upregulated in human osteosarcoma and promotes tumor growth through the PI3K/Akt signaling pathway. Oncology Reports, 2017, 37, 2575-2582.	2.6	26
9	Lectin binding of human sperm associates with DEFB126 mutation and serves as a potential biomarker for subfertility. Scientific Reports, 2016, 6, 20249.	3.3	25
10	EEF1D overexpression promotes osteosarcoma cell proliferation by facilitating Akt-mTOR and Akt-bad signaling. Journal of Experimental and Clinical Cancer Research, 2018, 37, 50.	8.6	24
11	Chromobox Homolog 4 is Positively Correlated to Tumor Growth, Survival and Activation of HIF-1Î± Signaling in Human Osteosarcoma under Normoxic Condition. Journal of Cancer, 2016, 7, 427-435.	2.5	23
12	Discovering cancer biomarkers from clinical samples by protein microarrays. Proteomics - Clinical Applications, 2015, 9, 98-110.	1.6	22
13	A Human Lectin Microarray for Sperm Surface Glycosylation Analysis. Molecular and Cellular Proteomics, 2016, 15, 2839-2851.	3.8	22
14	Role of Phosphorylated HDAC4 in Stroke-Induced Angiogenesis. BioMed Research International, 2017, 2017, 1-11.	1.9	19
15	D2HGDH-mediated D2HG catabolism enhances the anti-tumor activities of CAR-T cells in an immunosuppressive microenvironment. Molecular Therapy, 2022, 30, 1188-1200.	8.2	19
16	High Expression of XRCC6 Promotes Human Osteosarcoma Cell Proliferation through the Î²-Catenin/Wnt Signaling Pathway and Is Associated with Poor Prognosis. International Journal of Molecular Sciences, 2016, 17, 1188.	4.1	18
17	Lectin Microarrays: A Powerful Tool for Glycan-Based Biomarker Discovery. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 711-719.	1.1	16
18	Overexpressed N-fucosylation on the cell surface driven by FUT3, 5, and 6 promotes cell motilities in metastatic pancreatic cancer cell lines. Biochemical and Biophysical Research Communications, 2019, 511, 482-489.	2.1	15

#	Article	IF	Citations
19	Alpha-(1,6)-fucosyltransferase (FUT8) affects the survival strategy of osteosarcoma by remodeling TNF/NF-ÎºB2 signaling. Cell Death and Disease, 2021, 12, 1124.	6.3	12
20	Systematic identification of the protein substrates of UDPâ€GalNAc:polypeptide Nâ€acetylgalactosaminyltransferaseâ€T1/T2/T3 using a human proteome microarray. Proteomics, 2017, 17, 1600485.	2.2	10
21	Lanthanum-Doped Chitosan Hydrogels Promote the Apoptosis of Melanoma Cells by Bcl-2/Bax Pathway. ACS Applied Bio Materials, 2018, 1, 1468-1477.	4.6	9
22	Yb3+-containing chitosan hydrogels induce B-16 melanoma cell anoikis via a Fak-dependent pathway. Nanotechnology Reviews, 2019, 8, 645-660.	5.8	9
23	Functional protein microarray: an ideal platform for investigating protein binding property. Frontiers in Biology, 2012, 7, 336-349.	0.7	8
24	Generation of special autosomal dominant polycystic kidney disease iPSCs with the capability of functional kidney-like cell differentiation. Stem Cell Research and Therapy, 2017, 8, 196.	5.5	4
25	ANGPTL4 negatively regulates the progression of osteosarcoma by remodeling branched-chain amino acid metabolism. Cell Death Discovery, 2022, 8, 225.	4.7	4
26	Myokines related to leukocyte recruitment are down-regulated in osteosarcoma. International Journal of Medical Sciences, 2018, 15, 859-866.	2.5	2
27	Anti-tumor responses to hypofractionated radiation in mice grafted with triple negative breast cancer is associated with decorin induction in peritumoral muscles. Acta Biochimica Et Biophysica Sinica, 2018, 50, 1150-1157.	2.0	2
28	Sketching the Glycan Hallmark of Intact Cells Using Lectin Microarray. ACS Symposium Series, 2020, , 119-126.	0.5	0
29	Lectin Microarray: A Powerful Tool for Glycan Related Biomarker Discovery. Combinatorial Chemistry and High Throughput Screening, 2011, , .	1.1	0