

# Shu-min Zhou

## List of Publications by Year in descending order

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times ranked

1884  
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#	ARTICLE	IF	CITATIONS
1	D2HGDH-mediated D2HG catabolism enhances the anti-tumor activities of CAR-T cells in an immunosuppressive microenvironment. <i>Molecular Therapy</i> , 2022, 30, 1188-1200.	8.2	19
2	ANGPTL4 negatively regulates the progression of osteosarcoma by remodeling branched-chain amino acid metabolism. <i>Cell Death Discovery</i> , 2022, 8, 225.	4.7	4
3	Alpha-(1,6)-fucosyltransferase (FUT8) affects the survival strategy of osteosarcoma by remodeling TNF/NF- $\kappa$ B2 signaling. <i>Cell Death and Disease</i> , 2021, 12, 1124.	6.3	12
4	The "sugar-coated bullets" of cancer: Tumor-derived exosome surface glycosylation from basic knowledge to applications. <i>Clinical and Translational Medicine</i> , 2020, 10, e204.	4.0	29
5	Sketching the Glycan Hallmark of Intact Cells Using Lectin Microarray. <i>ACS Symposium Series</i> , 2020, , 119-126.	0.5	0
6	Overexpressed N-fucosylation on the cell surface driven by FUT3, 5, and 6 promotes cell motilities in metastatic pancreatic cancer cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 482-489.	2.1	15
7	Yb3+-containing chitosan hydrogels induce B-16 melanoma cell anoikis via a Fak-dependent pathway. <i>Nanotechnology Reviews</i> , 2019, 8, 645-660.	5.8	9
8	Lanthanum-Doped Chitosan Hydrogels Promote the Apoptosis of Melanoma Cells by Bcl-2/Bax Pathway. <i>ACS Applied Bio Materials</i> , 2018, 1, 1468-1477.	4.6	9
9	EEF1D overexpression promotes osteosarcoma cell proliferation by facilitating Akt-mTOR and Akt-bad signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 50.	8.6	24
10	Myokines related to leukocyte recruitment are down-regulated in osteosarcoma. <i>International Journal of Medical Sciences</i> , 2018, 15, 859-866.	2.5	2
11	Anti-tumor responses to hypofractionated radiation in mice grafted with triple negative breast cancer is associated with decorin induction in peritumoral muscles. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 1150-1157.	2.0	2
12	Systematic identification of the protein substrates of UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T1/T2/T3 using a human proteome microarray. <i>Proteomics</i> , 2017, 17, 1600485.	2.2	10
13	Downregulation of the Long Non-Coding RNA Meg3 Promotes Angiogenesis After Ischemic Brain Injury by Activating Notch Signaling. <i>Molecular Neurobiology</i> , 2017, 54, 8179-8190.	4.0	123
14	Role of Phosphorylated HDAC4 in Stroke-Induced Angiogenesis. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	19
15	Generation of special autosomal dominant polycystic kidney disease iPSCs with the capability of functional kidney-like cell differentiation. <i>Stem Cell Research and Therapy</i> , 2017, 8, 196.	5.5	4
16	SLC3A2 is upregulated in human osteosarcoma and promotes tumor growth through the PI3K/Akt signaling pathway. <i>Oncology Reports</i> , 2017, 37, 2575-2582.	2.6	26
17	Chromobox Homolog 4 is Positively Correlated to Tumor Growth, Survival and Activation of HIF-1 $\alpha$ Signaling in Human Osteosarcoma under Normoxic Condition. <i>Journal of Cancer</i> , 2016, 7, 427-435.	2.5	23
18	High Expression of XRCC6 Promotes Human Osteosarcoma Cell Proliferation through the $\beta$ -Catenin/Wnt Signaling Pathway and Is Associated with Poor Prognosis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1188.	4.1	18

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19	A Human Lectin Microarray for Sperm Surface Glycosylation Analysis. Molecular and Cellular Proteomics, 2016, 15, 2839-2851.	3.8	22
20	tRNA-Derived Small Non-Coding RNAs in Response to Ischemia Inhibit Angiogenesis. Scientific Reports, 2016, 6, 20850.	3.3	86
21	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
22	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
23	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
24	Discovering cancer biomarkers from clinical samples by protein microarrays. Proteomics - Clinical Applications, 2015, 9, 98-110.	1.6	22
25	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
26	Comprehensive profiling of accessible surface glycans of mammalian sperm using a lectin microarray. Clinical Proteomics, 2014, 11, 10.	2.1	32
27	Functional protein microarray: an ideal platform for investigating protein binding property. Frontiers in Biology, 2012, 7, 336-349.	0.7	8
28	Lectin Microarrays: A Powerful Tool for Glycan-Based Biomarker Discovery. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 711-719.	1.1	16
29	Lectin Microarray: A Powerful Tool for Glycan Related Biomarker Discovery. Combinatorial Chemistry and High Throughput Screening, 2011, , .	1.1	0