

# Huimin Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,216  
citations

331670

21  
h-index

377865

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2089  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-130b targets PTEN to mediate drug resistance and proliferation of breast cancer cells via the PI3K/Akt signaling pathway. <i>Scientific Reports</i> , 2017, 7, 41942.	3.3	143
2	Gut Microbiome Associates With Lipid-Lowering Effect of Rosuvastatin in Vivo. <i>Frontiers in Microbiology</i> , 2018, 9, 530.	3.5	86
3	Functional roles of sialylation in breast cancer progression through miR-26a/26b targeting ST8SIA4. <i>Cell Death and Disease</i> , 2016, 7, e2561-e2561.	6.3	69
4	Comprehensive N-glycan profiles of hepatocellular carcinoma reveal association of fucosylation with tumor progression and regulation of FUT8 by microRNAs. <i>Oncotarget</i> , 2016, 7, 61199-61214.	1.8	61
5	HOTAIR/miR-326/FUT6 axis facilitates colorectal cancer progression through regulating fucosylation of CD44 via PI3K/AKT/mTOR pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 750-760.	4.1	60
6	Upregulation of miR-181c inhibits chemoresistance by targeting ST8SIA4 in chronic myelocytic leukemia. <i>Oncotarget</i> , 2016, 7, 60074-60086.	1.8	54
7	miR-493-5p attenuates the invasiveness and tumorigenicity in human breast cancer by targeting FUT4. <i>Oncology Reports</i> , 2016, 36, 1007-1015.	2.6	53
8	Increased fucosylation has a pivotal role in multidrug resistance of breast cancer cells through miR-224-3p targeting FUT4. <i>Gene</i> , 2016, 578, 232-241.	2.2	52
9	Reversal Effect of ST6GAL 1 on Multidrug Resistance in Human Leukemia by Regulating the PI3K/Akt Pathway and the Expression of P-gp and MRP1. <i>PLoS ONE</i> , 2014, 9, e85113.	2.5	49
10	miR-182 and miR-135b Mediate the Tumorigenesis and Invasiveness of Colorectal Cancer Cells via Targeting ST6GALNAC2 and PI3K/AKT Pathway. <i>Digestive Diseases and Sciences</i> , 2017, 62, 3447-3459.	2.3	48
11	LncRNA ST3Gal6AS1/ST3Gal6 axis mediates colorectal cancer progression by regulating $\alpha$ 2,3 sialylation via PI3K/Akt signaling. <i>International Journal of Cancer</i> , 2019, 145, 450-460.	5.1	45
12	MiR-26a and miR-26b mediate osteoarthritis progression by targeting FUT4 via NF- $\kappa$ B signaling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 94, 79-88.	2.8	44
13	MicroRNA-106b targets FUT6 to promote cell migration, invasion, and proliferation in human breast cancer. <i>IUBMB Life</i> , 2016, 68, 764-775.	3.4	43
14	The potential of exosomes derived from colorectal cancer as a biomarker. <i>Clinica Chimica Acta</i> , 2019, 490, 186-193.	1.1	43
15	The regulatory ZFAS1/miR-150/ST6GAL1 crosstalk modulates sialylation of EGFR via PI3K/Akt pathway in T-cell acute lymphoblastic leukemia. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 199.	8.6	40
16	MiR-193a-3p and miR-224 mediate renal cell carcinoma progression by targeting $\alpha$ 2,3 sialyltransferase IV and the phosphatidylinositol 3 kinase/Akt pathway. <i>Molecular Carcinogenesis</i> , 2018, 57, 1067-1077.	2.7	39
17	Divergent expression and roles for caveolin-1 in mouse hepatocarcinoma cell lines with varying invasive ability. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 486-494.	2.1	37
18	MiR-29b/Sp1/FUT4 axis modulates the malignancy of leukemia stem cells by regulating fucosylation via Wnt/ $\beta$ -catenin pathway in acute myeloid leukemia. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 200.	8.6	36

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19	MiRNA expression profiles reveal the involvement of miR-26a, miR-548l and miR-34a in hepatocellular carcinoma progression through regulation of ST3GAL5. <i>Laboratory Investigation</i> , 2017, 97, 530-542.	3.7	34
20	Downregulation of miR-224 and let-7i contribute to cell survival and chemoresistance in chronic myeloid leukemia cells by regulating ST3GAL IV expression. <i>Gene</i> , 2017, 626, 106-118.	2.2	34
21	miR-9 regulates the multidrug resistance of chronic myelogenous leukemia by targeting ABCB1. <i>Oncology Reports</i> , 2017, 37, 2193-2200.	2.6	27
22	B4GALT1 gene knockdown inhibits the hedgehog pathway and reverses multidrug resistance in the human leukemia K562/adriamycin-resistant cell line. <i>IUBMB Life</i> , 2012, 64, 889-900.	3.4	22
23	miR-4299 mediates the invasive properties and tumorigenicity of human follicular thyroid carcinoma by targeting ST6GALNAC4. <i>IUBMB Life</i> , 2016, 68, 136-144.	3.4	22
24	Alpha-2, 3-sialyltransferases regulate the multidrug resistance of chronic myeloid leukemia through miR-4701-5p targeting ST3GAL1. <i>Laboratory Investigation</i> , 2016, 96, 731-740.	3.7	19
25	CHST11/13 Regulate the Metastasis and Chemosensitivity of Human Hepatocellular Carcinoma Cells Via Mitogen-Activated Protein Kinase Pathway. <i>Digestive Diseases and Sciences</i> , 2016, 61, 1972-1985.	2.3	18
26	Combination of chick embryo and nutrient mixture prevent D-galactose-induced cognitive deficits, immune impairment and oxidative stress in aging rat model. <i>Scientific Reports</i> , 2019, 9, 4092.	3.3	9
27	A combination of chicken embryo extract and a nutritional supplement protect a rat model of aging against D-galactose-induced dysfunction of mitochondria and autophagy. <i>Food and Function</i> , 2019, 10, 2774-2784.	4.6	8
28	Effect of nutritional supplement on bone marrow-derived mesenchymal stem cells from aplastic anaemia. <i>British Journal of Nutrition</i> , 2018, 119, 748-758.	2.3	5
29	Nutritional support contributes to recuperation in a rat model of aplastic anemia by enhancing mitochondrial function. <i>Nutrition</i> , 2018, 46, 67-77.	2.4	5
30	Oral Microbiota Variation: A Risk Factor for Development and Poor Prognosis of Esophageal Cancer. <i>Digestive Diseases and Sciences</i> , 2021, , 1.	2.3	1