

# Min-Chuan Huang

## List of Publications by Year in descending order

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51  
papers

1,843  
citations

172207

29  
h-index

276539

41  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucin Glycosylating Enzyme GALNT2 Regulates the Malignant Character of Hepatocellular Carcinoma by Modifying the EGF Receptor. <i>Cancer Research</i> , 2011, 71, 7270-7279.	0.4	94
2	Protein glycosylation in cancers and its potential therapeutic applications in neuroblastoma. <i>Journal of Hematology and Oncology</i> , 2016, 9, 100.	6.9	93
3	Characterization of an ADP-ribosylation Factor-like 1 Protein in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1997, 272, 30998-31005.	1.6	82
4	Affinity, Kinetics, and Thermodynamics of E-selectin Binding to E-selectin Ligand-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 31602-31612.	1.6	78
5	GALNT2 enhances migration and invasion of oral squamous cell carcinoma by regulating EGFR glycosylation and activity. <i>Oral Oncology</i> , 2014, 50, 478-484.	0.8	74
6	C1GALT1 Enhances Proliferation of Hepatocellular Carcinoma Cells via Modulating MET Glycosylation and Dimerization. <i>Cancer Research</i> , 2013, 73, 5580-5590.	0.4	68
7	P-selectin Glycoprotein Ligand-1 and E-selectin Ligand-1 Are Differentially Modified by Fucosyltransferases Fuc-TIV and Fuc-TVII in Mouse Neutrophils. <i>Journal of Biological Chemistry</i> , 2000, 275, 31353-31360.	1.6	60
8	C1GALT1 overexpression promotes the invasive behavior of colon cancer cells through modifying O-glycosylation of FGFR2. <i>Oncotarget</i> , 2014, 5, 2096-2106.	0.8	55
9	Up-regulation of C1GALT1 promotes breast cancer cell growth through MUC1-C signaling pathway. <i>Oncotarget</i> , 2015, 6, 6123-6135.	0.8	55
10	Overexpression of MUC15 activates extracellular signal-regulated kinase 1/2 and promotes the oncogenic potential of human colon cancer cells. <i>Carcinogenesis</i> , 2009, 30, 1452-1458.	1.3	49
11	Mucin 15 is expressed in human placenta and suppresses invasion of trophoblast-like cells in vitro. <i>Human Reproduction</i> , 2007, 22, 2723-2732.	0.4	48
12	Î21, 4-N-acetylgalactosaminyltransferase III modulates cancer stemness through EGFR signaling pathway in colon cancer cells. <i>Oncotarget</i> , 2014, 5, 3673-3684.	0.8	47
13	C1GALT1 predicts poor prognosis and is a potential therapeutic target in head and neck cancer. <i>Oncogene</i> , 2018, 37, 5780-5793.	2.6	45
14	Notch1 Expression Predicts an Unfavorable Prognosis and Serves as a Therapeutic Target of Patients with Neuroblastoma. <i>Clinical Cancer Research</i> , 2010, 16, 4411-4420.	3.2	42
15	Knockdown of GALNT1 suppresses malignant phenotype of hepatocellular carcinoma by suppressing EGFR signaling. <i>Oncotarget</i> , 2015, 6, 5650-5665.	0.8	42
16	Î21, 4-Galactosyltransferase III Enhances Invasive Phenotypes Via Î21-Integrin and Predicts Poor Prognosis in Neuroblastoma. <i>Clinical Cancer Research</i> , 2013, 19, 1705-1716.	3.2	41
17	The Î±(1,3)-Fucosyltransferase Fuc-TIV, but Not Fuc-TVII, Generates Sialyl Lewis X-like Epitopes Preferentially on Glycolipids. <i>Journal of Biological Chemistry</i> , 2002, 277, 47786-47795.	1.6	39
18	Mucin glycosylating enzyme GALNT2 suppresses malignancy in gastric adenocarcinoma by reducing MET phosphorylation. <i>Oncotarget</i> , 2016, 7, 11251-11262.	0.8	39

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19	B3<scp>GNT</scp>3 expression suppresses cell migration and invasion and predicts favorable outcomes in neuroblastoma. <i>Cancer Science</i> , 2013, 104, 1600-1608.	1.7	38
20	Silencing of MUC20 suppresses the malignant character of pancreatic ductal adenocarcinoma cells through inhibition of the HGF/MET pathway. <i>Oncogene</i> , 2018, 37, 6041-6053.	2.6	38
21	C1GALT1 Promotes Invasive Phenotypes of Hepatocellular Carcinoma Cells by Modulating Integrin Î21 Glycosylation and Activity. <i>PLoS ONE</i> , 2014, 9, e94995.	1.1	37
22	MUC20 overexpression predicts poor prognosis and enhances EGF-induced malignant phenotypes via activation of the EGFRâ€“STAT3 pathway in endometrial cancer. <i>Gynecologic Oncology</i> , 2013, 128, 560-567.	0.6	35
23	MUC1 Expression Is Increased During Human Placental Development and Suppresses Trophoblast-Like Cell Invasion In Vitro1. <i>Biology of Reproduction</i> , 2008, 79, 233-239.	1.2	34
24	B4GALNT3 Expression Predicts a Favorable Prognosis and Suppresses Cell Migration and Invasion via Î21 Integrin Signaling in Neuroblastoma. <i>American Journal of Pathology</i> , 2011, 179, 1394-1404.	1.9	34
25	MUC20 promotes aggressive phenotypes of epithelial ovarian cancer cells via activation of the integrin Î21 pathway. <i>Gynecologic Oncology</i> , 2016, 140, 131-137.	0.6	34
26	GALNT2 suppresses malignant phenotypes through IGF-1 receptor and predicts favorable prognosis in neuroblastoma. <i>Oncotarget</i> , 2014, 5, 12247-12259.	0.8	34
27	Î21,4-N-Acetylgalactosaminyltransferase III Enhances Malignant Phenotypes of Colon Cancer Cells. <i>Molecular Cancer Research</i> , 2007, 5, 543-552.	1.5	33
28	C1GALT1 is associated with poor survival and promotes soluble Ephrin A1-mediated cell migration through activation of EPHA2 in gastric cancer. <i>Oncogene</i> , 2020, 39, 2724-2740.	2.6	32
29	Î2-1,4-Galactosyltransferase III suppresses Î21 integrin-mediated invasive phenotypes and negatively correlates with metastasis in colorectal cancer. <i>Carcinogenesis</i> , 2014, 35, 1258-1266.	1.3	31
30	GALNT6 expression enhances aggressive phenotypes of ovarian cancer cells by regulating EGFR activity. <i>Oncotarget</i> , 2017, 8, 42588-42601.	0.8	31
31	Methylcobalamin Facilitates Collateral Sprouting of Donor Axons and Innervation of Recipient Muscle in End-to-Side Neurorrhaphy in Rats. <i>PLoS ONE</i> , 2013, 8, e76302.	1.1	30
32	Dermal delivery by niosomes of black tea extract as a sunscreen agent. <i>International Journal of Dermatology</i> , 2013, 52, 239-245.	0.5	29
33	The molecular chaperone cosmc enhances malignant behaviors of colon cancer cells via activation of Akt and ERK. <i>Molecular Carcinogenesis</i> , 2014, 53, E62-71.	1.3	27
34	Insulinâ€“like growth factor II mRNAâ€“binding protein 3 expression predicts unfavorable prognosis in patients with neuroblastoma. <i>Cancer Science</i> , 2011, 102, 2191-2198.	1.7	25
35	MUC1 Expression Is Elevated in Severe Preeclamptic Placentas and Suppresses Trophoblast Cell Invasion via Î21-Integrin Signaling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 3759-3767.	1.8	25
36	Î2-1,4-galactosyltransferase III suppresses extravillous trophoblast invasion through modifying Î21-integrin glycosylation. <i>Placenta</i> , 2015, 36, 357-364.	0.7	25

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37	Hypoxia-Mediated Down-Regulation of OCTN2 and PPAR $\alpha$ Expression in Human Placentas and in BeWo Cells. <i>Molecular Pharmaceutics</i> , 2011, 8, 117-125.	2.3	24
38	Toll-like receptor 3 expression inhibits cell invasion and migration and predicts a favorable prognosis in neuroblastoma. <i>Cancer Letters</i> , 2013, 336, 338-346.	3.2	24
39	Calreticulin activates $\alpha$ 1 integrin via fucosylation by fucosyltransferase 1 in J82 human bladder cancer cells. <i>Biochemical Journal</i> , 2014, 460, 69-80.	1.7	24
40	Lactoferrin promotes hair growth in mice and increases dermal papilla cell proliferation through Erk/Akt and Wnt signaling pathways. <i>Archives of Dermatological Research</i> , 2019, 311, 411-420.	1.1	21
41	C1GALT1 high expression is associated with poor survival of patients with pancreatic ductal adenocarcinoma and promotes cell invasiveness through integrin $\alpha$ v. <i>Oncogene</i> , 2021, 40, 1242-1254.	2.6	21
42	A multidisciplinary team care approach improves outcomes in high-risk pediatric neuroblastoma patients. <i>Oncotarget</i> , 2017, 8, 4360-4372.	0.8	19
43	COSMC Is Overexpressed in Proliferating Infantile Hemangioma and Enhances Endothelial Cell Growth via VEGFR2. <i>PLoS ONE</i> , 2013, 8, e56211.	1.1	17
44	C1GALT1 Seems to Promote In Vitro Disease Progression in Ovarian Cancer. <i>International Journal of Gynecological Cancer</i> , 2017, 27, 863-871.	1.2	17
45	Calreticulin Mediates Nerve Growth Factor-Induced Neuronal Differentiation. <i>Journal of Molecular Neuroscience</i> , 2012, 47, 571-581.	1.1	16
46	The lactoferricin B-derived peptide, LfB17-34, induces melanogenesis in B16F10 cells. <i>International Journal of Molecular Medicine</i> , 2017, 39, 595-602.	1.8	13
47	Ethosomes in hair dye products as carriers of the major compounds of black tea extracts. <i>International Journal of Dermatology</i> , 2013, 52, 868-875.	0.5	10
48	The O-glycosylating enzyme GALNT2 suppresses the malignancy of gastric adenocarcinoma by reducing EGFR activities. <i>American Journal of Cancer Research</i> , 2018, 8, 1739-1751.	1.4	7
49	C1GALT1 expression predicts a favorable prognosis and suppresses malignant phenotypes via TrkA signaling in neuroblastoma. <i>Oncogenesis</i> , 2022, 11, 8.	2.1	5
50	<sc>Anti-C1GALT1</sc> Autoantibody Is a Novel Prognostic Biomarker for Patients With Head and Neck Cancer. <i>Laryngoscope</i> , 2021, 131, E196-E202.	1.1	2
51	AMMONIUM HYDROXIDE EXTRACTS FROM BLACK TEA INHIBIT GROWTH, MIGRATION AND INVASION OF COLON CANCER CELLS. <i>Journal of Food Biochemistry</i> , 2008, 32, 201-215.	1.2	0