

# Chih-Ming Chou

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,126  
citations

394421

19  
h-index

395702

33  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2192  
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Strategy for Intracellular Delivery of Enzyme Using Mesoporous Silica Nanoparticles: Superoxide Dismutase. <i>Journal of the American Chemical Society</i> , 2013, 135, 1516-1523.	13.7	139
2	Astrocytic GAP43 Induced by the TLR4/NF- $\kappa$ B/STAT3 Axis Attenuates Astroglial-Mediated Microglial Activation and Neurotoxicity. <i>Journal of Neuroscience</i> , 2016, 36, 2027-2043.	3.6	93
3	Repositioning antipsychotic chlorpromazine for treating colorectal cancer by inhibiting sirtuin 1. <i>Oncotarget</i> , 2015, 6, 27580-27595.	1.8	63
4	Neuronal activity enhances aryl hydrocarbon receptor-mediated gene expression and dioxin neurotoxicity in cortical neurons. <i>Journal of Neurochemistry</i> , 2008, 104, 1415-1429.	3.9	61
5	PYCR1 and PYCR2 Interact and Collaborate with RRM2B to Protect Cells from Overt Oxidative Stress. <i>Scientific Reports</i> , 2016, 6, 18846.	3.3	58
6	Fucoidan from <i>Laminaria japonica</i> exerts antitumor effects on angiogenesis and micrometastasis in triple-negative breast cancer cells. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 600-608.	7.5	58
7	Approach To Deliver Two Antioxidant Enzymes with Mesoporous Silica Nanoparticles into Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 17944-17954.	8.0	57
8	Identification and functional analysis of an ovarian form of the egg activation factor phospholipase C zeta (PLC $\zeta$ ) in pufferfish. <i>Molecular Reproduction and Development</i> , 2011, 78, 48-56.	2.0	47
9	Knockdown of the aryl hydrocarbon receptor attenuates excitotoxicity and enhances NMDA-induced BDNF expression in cortical neurons. <i>Journal of Neurochemistry</i> , 2009, 111, 777-789.	3.9	41
10	Biosafety evaluations of well-dispersed mesoporous silica nanoparticles: towards in vivo-relevant conditions. <i>Nanoscale</i> , 2015, 7, 6471-6480.	5.6	41
11	miR-140 targeting CTSB signaling suppresses the mesenchymal transition and enhances temozolomide cytotoxicity in glioblastoma multiforme. <i>Pharmacological Research</i> , 2019, 147, 104390.	7.1	35
12	Elevation of CD109 promotes metastasis and drug resistance in lung cancer via activation of EGFR-CAKT-mTOR signaling. <i>Cancer Science</i> , 2020, 111, 1652-1662.	3.9	35
13	IGF-1-enhanced miR-513a-5p signaling desensitizes glioma cells to temozolomide by targeting the NEDD4L-inhibited Wnt/ $\beta$ -catenin pathway. <i>PLoS ONE</i> , 2019, 14, e0225913.	2.5	31
14	Glucocorticoid Protection of Oligodendrocytes against Excitotoxin Involving Hypoxia-Inducible Factor-1 $\alpha$ in a Cell-Type-Specific Manner. <i>Journal of Neuroscience</i> , 2010, 30, 9621-9630.	3.6	29
15	Selective Neurectomy of the Gastrocnemius and Soleus Muscles for Calf Hypertrophy: An Anatomical Study and 700 Clinical Cases. <i>Plastic and Reconstructive Surgery</i> , 2008, 122, 178-187.	1.4	25
16	Osteoblastic differentiation of stem cells from human exfoliated deciduous teeth induced by thermosensitive hydrogels with strontium phosphate. <i>Materials Science and Engineering C</i> , 2015, 52, 46-53.	7.3	24
17	A Key Role of DNA Damage-Inducible Transcript 4 (DDIT4) Connects Autophagy and GLUT3-Mediated Stemness To Desensitize Temozolomide Efficacy in Glioblastomas. <i>Neurotherapeutics</i> , 2020, 17, 1212-1227.	4.4	22
18	Differential regulation of Tetraodon nigroviridis Mx gene promoter activity by constitutively-active forms of STAT1, STAT2, and IRF9. <i>Fish and Shellfish Immunology</i> , 2014, 38, 230-243.	3.6	21

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19	Upregulation of CD109 Promotes the Epithelial-to-Mesenchymal Transition and Stemness Properties of Lung Adenocarcinomas via Activation of the Hippo-YAP Signaling. <i>Cells</i> , 2021, 10, 28.	4.1	21
20	The Novel Ribonucleotide Reductase Inhibitor COH29 Inhibits DNA Repair In Vitro. <i>Molecular Pharmacology</i> , 2015, 87, 996-1005.	2.3	20
21	RPS12 increases the invasiveness in cervical cancer activated by c-Myc and inhibited by the dietary flavonoids luteolin and quercetin. <i>Journal of Functional Foods</i> , 2015, 19, 236-247.	3.4	19
22	PMA inhibits endothelial cell migration through activating the PKC- $\delta$ /Syk/NF- $\kappa$ B-mediated up-regulation of Thy-1. <i>Scientific Reports</i> , 2018, 8, 16247.	3.3	18
23	Mechanisms of adiponectin-mediated COX-2 induction and protection against iron injury in mouse hepatocytes. <i>Journal of Cellular Physiology</i> , 2010, 224, 837-847.	4.1	15
24	Comparison between Neurectomy and Botulinum Toxin A Injection for Denervated Skeletal Muscle. <i>Journal of Neurotrauma</i> , 2010, 27, 1509-1516.	3.4	15
25	Optimal fluid flow enhanced mineralization of MG-63 cells in porous chitosan scaffold. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 1111-1118.	5.3	15
26	Characterization and toxicology evaluation of low molecular weight chitosan on zebrafish. <i>Carbohydrate Polymers</i> , 2020, 240, 116164.	10.2	15
27	Expression and characterization of two STAT isoforms from Sf9 cells. <i>Developmental and Comparative Immunology</i> , 2008, 32, 814-824.	2.3	13
28	Identification of Three Mutations in the Cu,Zn-Superoxide Dismutase (Cu,Zn-SOD) Gene with Familial Amyotrophic Lateral Sclerosis: Transduction of Human Cu,Zn-SOD into PC12 Cells by HIV-1 TAT Protein Basic Domain. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 303-313.	3.8	11
29	Expression and characterization of a brain-specific protein kinase BSK146 from zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 767-775.	2.1	10
30	Expression and characterization of a constitutively active STAT6 from Tetraodon. <i>Fish and Shellfish Immunology</i> , 2010, 28, 819-828.	3.6	9
31	IRF9-Stat2 Fusion Protein as an Innate Immune Inducer to Activate Mx and Interferon-Stimulated Gene Expression in Zebrafish Larvae. <i>Marine Biotechnology</i> , 2017, 19, 310-319.	2.4	9
32	Progesterone up-regulates p27 through an increased binding of the progesterone receptor-A-p53 protein complex onto the non-canonical p53 binding motif in HUVEC. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 185, 163-171.	2.5	8
33	Zebrafish cyclin Dx is required for development of motor neuron progenitors and its expression is regulated by hypoxia-inducible factor 2 $\beta$ . <i>Scientific Reports</i> , 2016, 6, 28297.	3.3	7
34	The Nogo-C2/Nogo Receptor Complex Regulates the Morphogenesis of Zebrafish Lateral Line Primordium through Modulating the Expression of dkk1b, a Wnt Signal Inhibitor. <i>PLoS ONE</i> , 2014, 9, e86345.	2.5	7
35	Spatiotemporal dynamics of the biological interface between cancer and the microenvironment: a fractal anomalous diffusion model with microenvironment plasticity. <i>Theoretical Biology and Medical Modelling</i> , 2012, 9, 36.	2.1	6
36	Novel synthetic benzimidazole-derived oligosaccharide, M3BIM, prevents ex vivo platelet aggregation and in vivo thromboembolism. <i>Journal of Biomedical Science</i> , 2016, 23, 26.	7.0	6

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37	Denervation Dynamically Regulates Integrin $\alpha 7$ Signaling Pathways and Microscopic Structures in Rats. Journal of Trauma, 2011, 70, 220-227.	2.3	5
38	Activation of MEK2 is sufficient to induce skin papilloma formation in transgenic zebrafish. Journal of Biomedical Science, 2015, 22, 102.	7.0	5
39	Therapeutic evaluation of HIV transduction basic domain-conjugated superoxide dismutase solution on suppressive effects of the formation of peroxynitrite and expression of COX-2 in murine skin. Journal of Biomedical Science, 2016, 23, 11.	7.0	4
40	Early Detection of Antibodies against Various Structural Proteins of the SARS-Associated Coronavirus in SARS Patients. Journal of Biomedical Science, 2004, 11, 117-126.	7.0	4
41	A novel low-molecular-weight chitosan/gamma-polyglutamic acid polyplexes for nucleic acid delivery into zebrafish larvae. International Journal of Biological Macromolecules, 2022, 194, 384-394.	7.5	3
42	Title is missing!. , 2019, 14, e0225913.		0
43	Title is missing!. , 2019, 14, e0225913.		0
44	Title is missing!. , 2019, 14, e0225913.		0
45	Title is missing!. , 2019, 14, e0225913.		0
46	Title is missing!. , 2019, 14, e0225913.		0
47	Title is missing!. , 2019, 14, e0225913.		0