

# Chia-Hsiung Cheng

## List of Publications by Year in descending order

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73  
papers

2,178  
citations

201674

27  
h-index

243625

44  
g-index

75  
all docs

75  
docs citations

75  
times ranked

3492  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chloroplast Genome of <i>Phalaenopsis aphrodite</i> (Orchidaceae): Comparative Analysis of Evolutionary Rate with that of Grasses and Its Phylogenetic Implications. <i>Molecular Biology and Evolution</i> , 2006, 23, 279-291.	8.9	301
2	Active gellan gum/purple sweet potato composite films capable of monitoring pH variations. <i>Food Hydrocolloids</i> , 2017, 69, 491-502.	10.7	140
3	Analysis of the Complete Genome Sequence of the Hz-1 Virus Suggests that It Is Related to Members of the <i>Baculoviridae</i> . <i>Journal of Virology</i> , 2002, 76, 9024-9034.	3.4	74
4	Dietary flavonoids, luteolin and quercetin, inhibit invasion of cervical cancer by reduction of UBE2S through epithelial-mesenchymal transition signaling. <i>Food and Function</i> , 2017, 8, 1558-1568.	4.6	65
5	The miR-204-3p-targeted IGFBP2 pathway is involved in xanthohumol-induced glioma cell apoptotic death. <i>Neuropharmacology</i> , 2016, 110, 362-375.	4.1	64
6	Effects of dietary flavonoids, luteolin, and quercetin on the reversal of epithelial-mesenchymal transition in A431 epidermal cancer cells. <i>Cancer Science</i> , 2011, 102, 1829-1839.	3.9	63
7	Metastatic Colorectal Cancer Rewrites Metabolic Program Through a Glut3-YAP-dependent Signaling Circuit. <i>Theranostics</i> , 2019, 9, 2526-2540.	10.0	63
8	Repositioning antipsychotic chlorpromazine for treating colorectal cancer by inhibiting sirtuin 1. <i>Oncotarget</i> , 2015, 6, 27580-27595.	1.8	63
9	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
10	The induction of heme oxygenase-1 suppresses heat shock protein 90 and the proliferation of human breast cancer cells through its byproduct carbon monoxide. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 55-62.	2.8	56
11	Dietary Flavonoids Luteolin and Quercetin Inhibit Migration and Invasion of Squamous Carcinoma through Reduction of Src/Stat3/S100A7 Signaling. <i>Antioxidants</i> , 2019, 8, 557.	5.1	55
12	Dietary Flavonoids Luteolin and Quercetin Suppressed Cancer Stem Cell Properties and Metastatic Potential of Isolated Prostate Cancer Cells. <i>Anticancer Research</i> , 2016, 36, 6367-6380.	1.1	53
13	Role of tissue transglutaminase 2 in the acquisition of a mesenchymal-like phenotype in highly invasive A431 tumor cells. <i>Molecular Cancer</i> , 2011, 10, 87.	19.2	52
14	Antroquinonol from <i>Antrodia Camphorata</i> suppresses breast tumor migration/invasion through inhibiting ERK-AP-1- and AKT-NF- $\kappa$ B-dependent MMP-9 and epithelial-mesenchymal transition expressions. <i>Food and Chemical Toxicology</i> , 2015, 78, 33-41.	3.6	51
15	Flavonoids Luteolin and Quercetin Inhibit RPS19 and contributes to metastasis of cancer cells through c-Myc reduction. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 1180-1191.	1.9	50
16	The zebrafish erythropoietin: Functional identification and biochemical characterization. <i>FEBS Letters</i> , 2007, 581, 4265-4271.	2.8	49
17	Antroquinonol, a Ubiquinone Derivative from the Mushroom <i>Antrodia camphorata</i> , Inhibits Colon Cancer Stem Cell-like Properties: Insights into the Molecular Mechanism and Inhibitory Targets. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 51-59.	5.2	42
18	The Inhibition of microRNA-128 on IGF-1-Activating mTOR Signaling Involves in Temozolomide-Induced Glioma Cell Apoptotic Death. <i>PLoS ONE</i> , 2016, 11, e0167096.	2.5	41

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19	Panobinostat sensitizes KRAS mutant non-small cell lung cancer to gefitinib by targeting TAZ. <i>International Journal of Cancer</i> , 2017, 141, 1921-1931.	5.1	37
20	Induction of ROS-independent JNK-activation-mediated apoptosis by a novel coumarin-derivative, DMAC, in human colon cancer cells. <i>Chemico-Biological Interactions</i> , 2014, 218, 42-49.	4.0	35
21	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
22	Expression, Characterization, and Genomic Structure of Carp JAK1 Kinase Gene. <i>DNA and Cell Biology</i> , 1996, 15, 827-844.	1.9	33
23	MicroRNA inhibited E2F3 transcription factor is related to all trans retinoic acid induced glioma cell apoptosis. <i>Journal of Neurochemistry</i> , 2014, 131, 731-742.	3.9	32
24	The CHAC1-inhibited Notch3 pathway is involved in temozolomide-induced glioma cytotoxicity. <i>Neuropharmacology</i> , 2017, 116, 300-314.	4.1	32
25	IGF-1-enhanced miR-513a-5p signaling desensitizes glioma cells to temozolomide by targeting the NEDD4L-inhibited Wnt/β <sup>2</sup> -catenin pathway. <i>PLoS ONE</i> , 2019, 14, e0225913.	2.5	31
26	Melanogenesis Inhibitors from the Rhizoma of <i>Ligusticum Sinense</i> in B16-F10 Melanoma Cells In Vitro and Zebrafish In Vivo. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3994.	4.1	29
27	Impact of Flavonoids on Matrix Metalloproteinase Secretion and Invadopodia Formation in Highly Invasive A431-III Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e71903.	2.5	29
28	Cloning and characterization of hemolymph clottable proteins of kuruma prawn ( <i>Marsupenaeus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 2008, 32, 265-274.	2.3	28
29	Recapitulation of zebrafish <i>sncga</i> expression pattern and labeling the habenular complex in transgenic zebrafish using green fluorescent protein reporter gene. <i>Developmental Dynamics</i> , 2009, 238, 746-754.	1.8	28
30	An integrated map of <i>Oryza sativa</i> L. chromosome 5. <i>Theoretical and Applied Genetics</i> , 2006, 112, 891-902.	3.6	27
31	Identification of IGF-1-enhanced cytokine expressions targeted by miR-181d in glioblastomas via an integrative miRNA/mRNA regulatory network analysis. <i>Scientific Reports</i> , 2017, 7, 732.	3.3	27
32	Activation of fibroblasts by nicotine promotes the epithelial-mesenchymal transition and motility of breast cancer cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 4972-4980.	4.1	26
33	Genomic organization and characterization of the promoter region of the round-spotted pufferfish ( <i>Tetraodon fluviatilis</i> ) JAK1 kinase gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998, 1395, 50-56.	2.4	23
34	Expression and characterization of the JAK kinase and STAT protein from brine shrimp, <i>Artemia franciscana</i> . <i>Fish and Shellfish Immunology</i> , 2010, 28, 774-782.	3.6	23
35	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
36	Xanthohumol regulates miR-4749-5p-inhibited RFC2 signaling in enhancing temozolomide cytotoxicity to glioblastoma. <i>Life Sciences</i> , 2020, 254, 117807.	4.3	22

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37	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
38	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
39	Gene Expression Signature-Based Approach Identifies Antifungal Drug Ciclopirox As a Novel Inhibitor of HMGA2 in Colorectal Cancer. <i>Biomolecules</i> , 2019, 9, 688.	4.0	18
40	Zona Pellucida Domain-Containing Protein $\hat{I}^2$ -Tectorin is Crucial for Zebrafish Proper Inner Ear Development. <i>PLoS ONE</i> , 2011, 6, e23078.	2.5	16
41	Phosphorylation of the Zebrafish M6Ab at Serine 263 Contributes to Filopodium Formation in PC12 Cells and Neurite Outgrowth in Zebrafish Embryos. <i>PLoS ONE</i> , 2011, 6, e26461.	2.5	15
42	Podocalyxin-Like Protein 1 Regulates TAZ Signaling and Stemness Properties in Colon Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2047.	4.1	15
43	Plasmon-Activated Water Reduces Amyloid Burden and Improves Memory in Animals with Alzheimer's Disease. <i>Scientific Reports</i> , 2019, 9, 13252.	3.3	15
44	Characterization and toxicology evaluation of low molecular weight chitosan on zebrafish. <i>Carbohydrate Polymers</i> , 2020, 240, 116164.	10.2	15
45	The microRNA-302b-inhibited insulin-like growth factor-binding protein 2 signaling pathway induces glioma cell apoptosis by targeting nuclear factor IA. <i>PLoS ONE</i> , 2017, 12, e0173890.	2.5	15
46	A fine physical map of the rice chromosome 5. <i>Molecular Genetics and Genomics</i> , 2005, 274, 337-345.	2.1	14
47	UBE2S activates NF- $\hat{I}^B$ signaling by binding with $\hat{I}^B$ and promotes metastasis of lung adenocarcinoma cells. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 1325-1338.	4.4	14
48	Expression and characterization of two STAT isoforms from Sf9 cells. <i>Developmental and Comparative Immunology</i> , 2008, 32, 814-824.	2.3	13
49	The Expression Profile and Prognostic Significance of Metallothionein Genes in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3849.	4.1	13
50	Genome-wide CRISPR/Cas9 knockout screening uncovers a novel inflammatory pathway critical for resistance to arginine-deprivation therapy. <i>Theranostics</i> , 2021, 11, 3624-3641.	10.0	11
51	Protein tyrosine phosphatase receptor type O (Ptpro) regulates cerebellar formation during zebrafish development through modulating Fgf signaling. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2367-2381.	5.4	10
52	miR-4286 is Involved in Connections Between IGF-1 and TGF- $\hat{I}^2$ Signaling for the Mesenchymal Transition and Invasion by Glioblastomas. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 791-806.	3.3	10
53	Expression and characterization of a constitutively active STAT6 from Tetraodon. <i>Fish and Shellfish Immunology</i> , 2010, 28, 819-828.	3.6	9
54	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

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55	Reduction in MnSOD promotes the migration and invasion of squamous carcinoma cells. <i>International Journal of Oncology</i> , 2019, 54, 1639-1650.	3.3	9
56	PRMT1 Confers Resistance to Olaparib via Modulating MYC Signaling in Triple-Negative Breast Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 1009.	2.5	9
57	Identification and characterization of alternative promoters of zebrafish Rtn-4/Nogo genes in cultured cells and zebrafish embryos. <i>Nucleic Acids Research</i> , 2010, 38, 4635-4650.	14.5	7
58	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
59	The Nogo-C2/Nogo Receptor Complex Regulates the Morphogenesis of Zebrafish Lateral Line Primordium through Modulating the Expression of <i>dkk1b</i> , a Wnt Signal Inhibitor. <i>PLoS ONE</i> , 2014, 9, e86345.	2.5	7
60	Guanabenz Sensitizes Glioblastoma Cells to Sunitinib by Inhibiting GADD34-Mediated Autophagic Signaling. <i>Neurotherapeutics</i> , 2021, 18, 1371-1392.	4.4	6
61	A Novel Zinc Finger Protein 219-like (ZNF219L) is Involved in the Regulation of Collagen Type 2 Alpha 1a ( <i>col2a1a</i> ) Gene Expression in Zebrafish Notochord. <i>International Journal of Biological Sciences</i> , 2013, 9, 872-886.	6.4	5
62	Activation of MEK2 is sufficient to induce skin papilloma formation in transgenic zebrafish. <i>Journal of Biomedical Science</i> , 2015, 22, 102.	7.0	5
63	Zinc finger protein 219-like (ZNF219L) and Sox9a regulate synuclein- $\beta$ expression in the developing notochord of zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2013, 442, 189-194.	2.1	4
64	Switched phenotypes of macrophages during the different stages of <i>Schistosoma japonicum</i> infection influenced the subsequent trends of immune responses. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 503-526.	3.1	4
65	A novel low-molecular-weight chitosan/gamma-polyglutamic acid polyplexes for nucleic acid delivery into zebrafish larvae. <i>International Journal of Biological Macromolecules</i> , 2022, 194, 384-394.	7.5	3
66	Luteolin and quercetin inhibits activation of Src/Stat3/S100A7 signaling to reduce metastasis of cervix squamous carcinoma cells. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-9-2.	0.0	0
67	Gut Microbiota in Alzheimer Disease Prevention - A Study of Treatment of Altered Fecal Microbiota by Plasmon-Activated Water. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
68	Title is missing!. , 2019, 14, e0225913.		0
69	Title is missing!. , 2019, 14, e0225913.		0
70	Title is missing!. , 2019, 14, e0225913.		0
71	Title is missing!. , 2019, 14, e0225913.		0
72	Title is missing!. , 2019, 14, e0225913.		0

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73	Title is missing!. , 2019, 14, e0225913.		0