

# Chun-hai Chen

## List of Publications by Year in descending order

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29  
papers

1,071  
citations

394286

19  
h-index

477173

29  
g-index

29  
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29  
docs citations

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times ranked

1872  
citing authors

#	ARTICLE	IF	CITATIONS
1	CdSe/ZnS quantum dots induce hepatocyte pyroptosis and liver inflammation via NLRP3 inflammasome activation. <i>Biomaterials</i> , 2016, 90, 27-39.	5.7	121
2	Terahertz in-line digital holography of human hepatocellular carcinoma tissue. <i>Scientific Reports</i> , 2015, 5, 8445.	1.6	116
3	Melatonin antagonizes cadmium-induced neurotoxicity by activating the transcription factor <sc>EB</sc>-dependent autophagy-lysosome machinery in mouse neuroblastoma cells. <i>Journal of Pineal Research</i> , 2016, 61, 353-369.	3.4	68
4	NiO nanoparticles induce apoptosis through repressing SIRT1 in human bronchial epithelial cells. <i>Toxicology and Applied Pharmacology</i> , 2015, 286, 80-91.	1.3	63
5	Inhibition of SERPINA3-dependent neuroinflammation is essential for melatonin to ameliorate trimethyltin chloride-induced neurotoxicity. <i>Journal of Pineal Research</i> , 2019, 67, e12596.	3.4	61
6	Exposure to 1800-MHz radiofrequency radiation impairs neurite outgrowth of embryonic neural stem cells. <i>Scientific Reports</i> , 2014, 4, 5103.	1.6	50
7	Extremely Low-Frequency Electromagnetic Fields Promote In Vitro Neuronal Differentiation and Neurite Outgrowth of Embryonic Neural Stem Cells via Up-Regulating TRPC1. <i>PLoS ONE</i> , 2016, 11, e0150923.	1.1	48
8	Thyroid Hormone Promotes Neuronal Differentiation of Embryonic Neural Stem Cells by Inhibiting STAT3 Signaling Through TR1±1. <i>Stem Cells and Development</i> , 2012, 21, 2667-2681.	1.1	45
9	AKT inhibition-mediated dephosphorylation of TFE3 promotes overactive autophagy independent of MTORC1 in cadmium-exposed bone mesenchymal stem cells. <i>Autophagy</i> , 2019, 15, 565-582.	4.3	45
10	KIF5A-dependent axonal transport deficiency disrupts autophagic flux in trimethyltin chloride-induced neurotoxicity. <i>Autophagy</i> , 2021, 17, 903-924.	4.3	42
11	Synergic Effects of Berberine and Curcumin on Improving Cognitive Function in an Alzheimer's Disease Mouse Model. <i>Neurochemical Research</i> , 2020, 45, 1130-1141.	1.6	41
12	Extremely Low-Frequency Electromagnetic Fields Affect Transcript Levels of Neuronal Differentiation-Related Genes in Embryonic Neural Stem Cells. <i>PLoS ONE</i> , 2014, 9, e90041.	1.1	40
13	Differential Pro-Inflammatory Responses of Astrocytes and Microglia Involve STAT3 Activation in Response to 1800 MHz Radiofrequency Fields. <i>PLoS ONE</i> , 2014, 9, e108318.	1.1	36
14	Pubertal exposure to di-(2-ethylhexyl)-phthalate inhibits G9a-mediated histone methylation during spermatogenesis in mice. <i>Archives of Toxicology</i> , 2016, 90, 955-969.	1.9	35
15	Extremely low-frequency electromagnetic fields exposure and female breast cancer risk: a meta-analysis based on 24,338 cases and 60,628 controls. <i>Breast Cancer Research and Treatment</i> , 2010, 123, 569-576.	1.1	30
16	Excess Thyroid Hormone Inhibits Embryonic Neural Stem/Progenitor Cells Proliferation and Maintenance through STAT3 Signalling Pathway. <i>Neurotoxicity Research</i> , 2011, 20, 15-25.	1.3	27
17	Thyroid Hormone-Otx2 Signaling Is Required for Embryonic Ventral Midbrain Neural Stem Cells Differentiated into Dopamine Neurons. <i>Stem Cells and Development</i> , 2015, 24, 1751-1765.	1.1	26
18	Bisphenol A promotes breast cancer cell proliferation by driving miR-381-3p-PTTG1-dependent cell cycle progression. <i>Chemosphere</i> , 2021, 268, 129221.	4.2	25

#	ARTICLE	IF	CITATIONS
19	Sensory Response of Transplanted Astrocytes in Adult Mammalian Cortex In Vivo. <i>Cerebral Cortex</i> , 2016, 26, 3690-3704.	1.6	21
20	The critical role of ABCG1 and PPAR $\beta$ /LXR $\beta$ signaling in TLR4 mediates inflammatory responses and lipid accumulation in vascular smooth muscle cells. <i>Cell and Tissue Research</i> , 2017, 368, 145-157.	1.5	21
21	Transcriptomic insight into cadmium-induced neurotoxicity in embryonic neural stem/progenitor cells. <i>Toxicology in Vitro</i> , 2020, 62, 104686.	1.1	20
22	The Cellular Distribution and Ser262 Phosphorylation of Tau Protein Are Regulated by BDNF In Vitro. <i>PLoS ONE</i> , 2014, 9, e91793.	1.1	18
23	NAC antagonizes arsenic-induced neurotoxicity through TMEM179 by inhibiting oxidative stress in Oli-neu cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112554.	2.9	18
24	Inhibition of STAT3- and MAPK-dependent PGE2 synthesis ameliorates phagocytosis of fibrillar A $\beta$ -amyloid peptide (1-42) via EP2 receptor in EMF-stimulated N9 microglial cells. <i>Journal of Neuroinflammation</i> , 2016, 13, 296.	3.1	15
25	C9a-mediated histone methylation regulates cadmium-induced male fertility damage in pubertal mice. <i>Toxicology Letters</i> , 2016, 252, 11-21.	0.4	14
26	Critical role of TRPC1 in thyroid hormone-dependent dopaminergic neuron development. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1900-1912.	1.9	12
27	Presenilin-2 polymorphisms and risk of sporadic AD: Evidence from a meta-analysis. <i>Gene</i> , 2012, 503, 194-199.	1.0	8
28	SOX2 modulated astrocytic process plasticity is involved in arsenic-induced metabolic disorders. <i>Journal of Hazardous Materials</i> , 2022, 435, 128942.	6.5	3
29	1800 MHz Radiofrequency Electromagnetic Field Impairs Neurite Outgrowth Through Inhibiting EphA5 Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 657623.	1.8	2