

# Chi Kwan Tsang

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,611  
citations

236925

25  
h-index

315739

38  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting mammalian target of rapamycin (mTOR) for health and diseases. <i>Drug Discovery Today</i> , 2007, 12, 112-124.	6.4	368
2	Superoxide dismutase 1 acts as a nuclear transcription factor to regulate oxidative stress resistance. <i>Nature Communications</i> , 2014, 5, 3446.	12.8	337
3	Nutrient regulates Tor1 nuclear localization and association with rDNA promoter. <i>Nature</i> , 2006, 442, 1058-1061.	27.8	280
4	Chromatin-mediated regulation of nucleolar structure and RNA Pol I localization by TOR. <i>EMBO Journal</i> , 2003, 22, 6045-6056.	7.8	150
5	mTOR binds to the promoters of RNA polymerase I- and III-transcribed genes. <i>Cell Cycle</i> , 2010, 9, 953-957.	2.6	145
6	Mechanisms of regulation of RNA polymerase III-dependent transcription by TORC1. <i>EMBO Journal</i> , 2009, 28, 2220-2230.	7.8	140
7	Regulation of Subtelomeric Silencing during Stress Response. <i>Molecular Cell</i> , 2002, 10, 1295-1305.	9.7	124
8	SOD1 Phosphorylation by mTORC1 Couples Nutrient Sensing and Redox Regulation. <i>Molecular Cell</i> , 2018, 70, 502-515.e8.	9.7	94
9	Biodegradation capacity of tributyltin by two <i>Chlorella</i> species. <i>Environmental Pollution</i> , 1999, 105, 289-297.	7.5	73
10	Nutrient starvation promotes condensin loading to maintain rDNA stability. <i>EMBO Journal</i> , 2007, 26, 448-458.	7.8	64
11	Sargachromenol, a novel nerve growth factor-potentiating substance isolated from <i>Sargassum macrocarpum</i> , promotes neurite outgrowth and survival via distinct signaling pathways in PC12D cells. <i>Neuroscience</i> , 2005, 132, 633-643.	2.3	63
12	MAF1 suppresses AKT/mTOR signaling and liver cancer through activation of PTEN transcription. <i>Hepatology</i> , 2016, 63, 1928-1942.	7.3	61
13	Targeting mTOR as a novel therapeutic strategy for traumatic CNS injuries. <i>Drug Discovery Today</i> , 2012, 17, 861-868.	6.4	59
14	DI-3-n-Butylphthalide Treatment Enhances Hemodynamics and Ameliorates Memory Deficits in Rats with Chronic Cerebral Hypoperfusion. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 238.	3.4	58
15	Circular RNA circ-FoxO3 attenuates blood-brain barrier damage by inducing autophagy during ischemia/reperfusion. <i>Molecular Therapy</i> , 2022, 30, 1275-1287.	8.2	51
16	Neuroprotective Mechanisms of <i>Lycium barbarum</i> Polysaccharides Against Ischemic Insults by Regulating NR2B and NR2A Containing NMDA Receptor Signaling Pathways. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 288.	3.7	50
17	Sargaquinoic acid supports the survival of neuronal PC12D cells in a nerve growth factor-independent manner. <i>European Journal of Pharmacology</i> , 2004, 488, 11-18.	3.5	49
18	SOX9 is targeted for proteasomal degradation by the E3 ligase FBW7 in response to DNA damage. <i>Nucleic Acids Research</i> , 2016, 44, 8855-8869.	14.5	47

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19	CircOGDH Is a Penumbra Biomarker and Therapeutic Target in Acute Ischemic Stroke. <i>Circulation Research</i> , 2022, 130, 907-924.	4.5	46
20	Sargaquinoic acid promotes neurite outgrowth via protein kinase A and MAP kinases-mediated signaling pathways in PC12D cells. <i>International Journal of Developmental Neuroscience</i> , 2003, 21, 255-262.	1.6	38
21	TOR-in(g) the Nucleus. <i>Cell Cycle</i> , 2007, 6, 25-29.	2.6	35
22	Identification of Blood Circular RNAs as Potential Biomarkers for Acute Ischemic Stroke. <i>Frontiers in Neuroscience</i> , 2020, 14, 81.	2.8	34
23	USP8 protects against lipopolysaccharide-induced cognitive and motor deficits by modulating microglia phenotypes through TLR4/MyD88/NF- $\kappa$ B signaling pathway in mice. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 582-596.	4.1	32
24	Inhibition of PDE1-B by Vinpocetine Regulates Microglial Exosomes and Polarization Through Enhancing Autophagic Flux for Neuroprotection Against Ischemic Stroke. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 616590.	3.7	29
25	Novel effect of vitamin K1 (phylloquinone) and vitamin K2 (menaquinone) on promoting nerve growth factor-mediated neurite outgrowth from PC12D cells. <i>Neuroscience Letters</i> , 2002, 323, 9-12.	2.1	28
26	Compacting DNA During the Interphase: Condensin Maintains rDNA Integrity. <i>Cell Cycle</i> , 2007, 6, 2213-2218.	2.6	28
27	HMG-CoA Reductase Inhibitors Attenuate Neuronal Damage by Suppressing Oxygen Glucose Deprivation-Induced Activated Microglial Cells. <i>Neural Plasticity</i> , 2019, 2019, 1-15.	2.2	20
28	Dynamic monitoring of antimicrobial resistance using magnesium zinc oxide nanostructure-modified quartz crystal microbalance. <i>Biosensors and Bioelectronics</i> , 2017, 93, 189-197.	10.1	19
29	Title is missing!. <i>Journal of Applied Phycology</i> , 2001, 13, 349-357.	2.8	17
30	Opposing Role of Condensin and Radiation-sensitive Gene RAD52 in Ribosomal DNA Stability Regulation. <i>Journal of Biological Chemistry</i> , 2009, 284, 21908-21919.	3.4	15
31	Brain delivering RNA-based therapeutic strategies by targeting mTOR pathway for axon regeneration after central nervous system injury. <i>Neural Regeneration Research</i> , 2022, 17, 2157.	3.0	15
32	Prostaglandin E1 Alleviates Cognitive Dysfunction in Chronic Cerebral Hypoperfusion Rats by Improving Hemodynamics. <i>Frontiers in Neuroscience</i> , 2019, 13, 549.	2.8	10
33	Rifampicin Suppresses Amyloid- $\beta$ Accumulation Through Enhancing Autophagy in the Hippocampus of a Lipopolysaccharide-Induced Mouse Model of Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1171-1184.	2.6	10
34	Convergent synthesis and characterization of fatty acid-conjugated poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (glycol) European Polymer Journal, 2018, 98, 394-401.	5.4	7
35	Pharmacological preconditioning by TERT inhibitor BIBR1532 confers neuronal ischemic tolerance through TERT-mediated transcriptional reprogramming. <i>Journal of Neurochemistry</i> , 2021, 159, 690-709.	3.9	5
36	Magnesium Zinc Oxide Nanostructure-modified Quartz Crystal Microbalance for Dynamic Monitoring of Antibiotic Effects and Antimicrobial Resistance. <i>Procedia Technology</i> , 2017, 27, 46-47.	1.1	3

#	ARTICLE	IF	CITATIONS
37	A balancing act: mTOR integrates nutrient signals to regulate redox-dependent growth and survival through SOD1. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1488372.	0.7	3
38	A balancing act: mTOR integrates nutrient signals to regulate redox-dependent growth and survival through SOD1. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1488372.	0.7	2
39	Long Term Neurite Outgrowth Enhancing Effect and Neurite Regeneration Effect of an Active Substance from a Brown Alga <i>Sargassum Macrocarpum</i> on Rat Pheochromocytoma PC12D Cells. , 2002, , 407-413.		0