

# Sung-Kun Chun

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

843  
citations

623734

14  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid and simple colorimetric detection of multiple influenza viruses infecting humans using a reverse transcriptional loop-mediated isothermal amplification (RT-LAMP) diagnostic platform. <i>BMC Infectious Diseases</i> , 2019, 19, 676.	2.9	144
2	Specific disruption of thalamic inputs to the auditory cortex in schizophrenia models. <i>Science</i> , 2014, 344, 1178-1182.	12.6	107
3	pH/NIR-Responsive Polypyrrole-Functionalized Fibrous Localized Drug-Delivery Platform for Synergistic Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 20256-20270.	8.0	76
4	Enhanced proliferation of progenitor cells following long-term potentiation induction in the rat dentate gyrus. <i>Neurobiology of Learning and Memory</i> , 2006, 86, 322-329.	1.9	75
5	Thalamocortical Long-Term Potentiation Becomes Gated after the Early Critical Period in the Auditory Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 7345-7357.	3.6	63
6	Thalamic miR-338-3p mediates auditory thalamocortical disruption and its late onset in models of 22q11.2 microdeletion. <i>Nature Medicine</i> , 2017, 23, 39-48.	30.7	55
7	Ginsenoside Compound K Induces Ros-Mediated Apoptosis and Autophagic Inhibition in Human Neuroblastoma Cells In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4279.	4.1	45
8	MiRNA-206 suppresses PGE2-induced colorectal cancer cell proliferation, migration, and invasion by targetting TM4SF1. <i>Bioscience Reports</i> , 2018, 38, .	2.4	43
9	Evidence for the spontaneous production but massive programmed cell death of new neurons in the subcallosal zone of the postnatal mouse brain. <i>European Journal of Neuroscience</i> , 2011, 33, 599-611.	2.6	35
10	Interplay between glucose and leptin signalling determines the strength of GABAergic synapses at POMC neurons. <i>Nature Communications</i> , 2015, 6, 6618.	12.8	32
11	Synthesis of polypyrrole nanorods via sacrificial removal of aluminum oxide nanopore template: A study on cell viability, electrical stimulation and neuronal differentiation of PC12 cells. <i>Materials Science and Engineering C</i> , 2020, 107, 110325.	7.3	23
12	The CCL2 elevation in primary afferent fibers produces zymosan-induced hyperalgesia through microglia-mediated neuronal activation in the spinal dorsal horn. <i>Brain Research Bulletin</i> , 2019, 149, 53-59.	3.0	16
13	Ginsenoside Rk1 Induces Apoptosis in Neuroblastoma Cells Through Loss of Mitochondrial Membrane Potential and Activation of Caspases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1213.	4.1	16
14	Loss of Leptin Receptors on Hypothalamic POMC Neurons Alters Synaptic Inhibition. <i>Journal of Neurophysiology</i> , 2010, 104, 2321-2328.	1.8	15
15	Long-term potentiation in visual cortical projections to the medial prefrontal cortex of the rat. <i>Neuroscience</i> , 2003, 120, 283-289.	2.3	14
16	LTD induction suppresses LTP-induced hippocampal adult neurogenesis. <i>NeuroReport</i> , 2009, 20, 1279-1283.	1.2	11
17	Synthesis and Evaluation of Multifunctional Fluorescent Inhibitors with Synergistic Interaction of Prostate-Specific Membrane Antigen and Hypoxia for Prostate Cancer. <i>Bioconjugate Chemistry</i> , 2019, 30, 90-100.	3.6	11
18	Tauroursodeoxycholic acid induces angiogenic activity in endothelial cells and accelerates bone regeneration. <i>Bone</i> , 2020, 130, 115073.	2.9	10

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19	Ginsenoside Compound K Induces Adult Hippocampal Proliferation and Survival of Newly Generated Cells in Young and Elderly Mice. <i>Biomolecules</i> , 2020, 10, 484.	4.0	10
20	Enzymatic Biotransformation of Ginsenoside Rb2 into Rd by Recombinant $\beta$ -D-Galactosidase from <i>Blastococcus saxosidens</i> . <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 391-397.	2.1	10
21	Discoveries for Long Non-Coding RNA Dynamics in Traumatic Brain Injury. <i>Biology</i> , 2020, 9, 458.	2.8	8
22	Identification of novel glycoside hydrolases via whole genome sequencing of <i>Niabella ginsenosidivorans</i> for production of various minor ginsenosides. <i>3 Biotech</i> , 2019, 9, 258.	2.2	6
23	Advances in multiplex PCR for Alzheimer's disease diagnostics targeting CDK genes. <i>Neuroscience Letters</i> , 2021, 749, 135715.	2.1	5
24	Enhanced Production of Protopanaxatriol from Ginsenoside Re and Rg1 Using a Recombinant Bacterial $\beta$ -D-Galactosidase. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 632-637.	2.6	3
25	Synthesis and evaluation of multivalent nitroimidazole-based near-infrared fluorescent agents for neuroblastoma and colon cancer imaging. <i>Bioorganic Chemistry</i> , 2021, 113, 104990.	4.1	3
26	Marine Plankton-Derived Whitlockite Powder-Based 3D-Printed Porous Scaffold for Bone Tissue Engineering. <i>Materials</i> , 2022, 15, 3413.	2.9	3
27	The Peripheral Role of CCL2 in the Anti-Nociceptive Effect of Sigma-1 Receptor Antagonist BD1047 on Inflammatory Hyperalgesia in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11730.	4.1	2
28	Autophagy regulates elongation of primary cilia in Rk1-treated neuroblastoma cell. <i>IBRO Reports</i> , 2019, 6, S351.	0.3	0
29	Ginsenoside Rk1 inhibits antitumor activity through Akt/ $\beta$ -catenin signalling pathway in neuroblastoma cells. <i>IBRO Reports</i> , 2019, 6, S90.	0.3	0