

Shinghung Mak

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6751651/shinghung-mak-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

620
citations

17
h-index

23
g-index

35
ext. papers

705
ext. citations

4.7
avg, IF

3.25
L-index

#	Paper	IF	Citations
35	Protection against 1-methyl-4-phenylpyridinium ion (MPP ⁺)-induced apoptosis by water extract of ginseng (<i>Panax ginseng</i> C.A. Meyer) in SH-SY5Y cells. <i>Journal of Ethnopharmacology</i> , 2011 , 135, 34-42	5	58
34	The anti-cancer agent SU4312 unexpectedly protects against MPP ⁺ -induced neurotoxicity via selective and direct inhibition of neuronal NOS. <i>British Journal of Pharmacology</i> , 2013 , 168, 1201-14	8.6	47
33	Bis(propyl)-cognitin protects against glutamate-induced neuro-excitotoxicity via concurrent regulation of NO, MAPK/ERK and PI3-K/Akt/GSK3 β pathways. <i>Neurochemistry International</i> , 2013 , 62, 468-77	4.4	38
32	Synergistic inhibition on acetylcholinesterase by the combination of berberine and palmatine originally isolated from Chinese medicinal herbs. <i>Journal of Molecular Neuroscience</i> , 2014 , 53, 511-6	3.3	29
31	Sunitinib, a Clinically Used Anticancer Drug, Is a Potent AChE Inhibitor and Attenuates Cognitive Impairments in Mice. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 1047-56	5.7	29
30	Protection against β amyloid-induced synaptic and memory impairments via altering β amyloid assembly by bis(heptyl)-cognitin. <i>Scientific Reports</i> , 2015 , 5, 10256	4.9	28
29	Tacrine(2)-ferulic acid, a novel multifunctional dimer, attenuates 6-hydroxydopamine-induced apoptosis in PC12 cells by activating Akt pathway. <i>Neurochemistry International</i> , 2011 , 59, 981-8	4.4	28
28	PI3-K/Akt and ERK pathways activated by VEGF play opposite roles in MPP ⁺ -induced neuronal apoptosis. <i>Neurochemistry International</i> , 2011 , 59, 945-53	4.4	25
27	Indirubin-3-Oxime Effectively Prevents 6OHDA-Induced Neurotoxicity in PC12 Cells via Activating MEF2D Through the Inhibition of GSK3 β <i>Journal of Molecular Neuroscience</i> , 2015 , 57, 561-70	3.3	24
26	Preventing H ₂ O ₂ -induced apoptosis in cerebellar granule neurons by regulating the VEGFR-2/Akt signaling pathway using a novel dimeric antiacetylcholinesterase bis(12)-hupyridone. <i>Brain Research</i> , 2011 , 1394, 14-23	3.7	24
25	Bis(12)-hupyridone, a novel multifunctional dimer, promotes neuronal differentiation more potently than its monomeric natural analog huperzine A possibly through α 7 nAChR. <i>Brain Research</i> , 2011 , 1401, 10-7	3.7	24
24	Neuroprotection Against MPP-Induced Cytotoxicity Through the Activation of PI3-K/Akt/GSK3 β /MEF2D Signaling Pathway by Rhynchophylline, the Major Tetracyclic Oxindole Alkaloid Isolated From. <i>Frontiers in Pharmacology</i> , 2018 , 9, 768	5.6	22
23	Promising multifunctional anti-Alzheimer's dimer bis(7)-Cognitin acting as an activator of protein kinase C regulates activities of alpha-secretase and BACE-1 concurrently. <i>European Journal of Pharmacology</i> , 2009 , 623, 14-21	5.3	21
22	Substantial Neuroprotective and Neurite Outgrowth-Promoting Activities by Bis(propyl)-cognitin via the Activation of Alpha7-nAChR, a Promising Anti-Alzheimer's Dimer. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 1536-45	5.7	20
21	Unexpected neuronal protection of SU5416 against 1-Methyl-4-phenylpyridinium ion-induced toxicity via inhibiting neuronal nitric oxide synthase. <i>PLoS ONE</i> , 2012 , 7, e46253	3.7	20
20	Substantial protection against MPTP-associated Parkinson's neurotoxicity in vitro and in vivo by anti-cancer agent SU4312 via activation of MEF2D and inhibition of MAO-B. <i>Neuropharmacology</i> , 2017 , 126, 12-24	5.5	17
19	Bis(12)-hupyridone, a novel acetylcholinesterase inhibitor, protects against glutamate-induced neuronal excitotoxicity via activating α 7 nicotinic acetylcholine receptor/phosphoinositide 3-kinase/Akt cascade. <i>Chemico-Biological Interactions</i> , 2013 , 203, 365-70	5	17

18	Tanshinone II A, a multiple target neuroprotectant, promotes caveolae-dependent neuronal differentiation. <i>European Journal of Pharmacology</i> , 2015 , 765, 437-46	5.3	16
17	Indirubin-3-Oxime Prevents HO-Induced Neuronal Apoptosis via Concurrently Inhibiting GSK3 β and the ERK Pathway. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 655-664	4.6	16
16	Neuroprotection against glutamate-induced excitotoxicity and induction of neurite outgrowth by T-006, a novel multifunctional derivative of tetramethylpyrazine in neuronal cell models. <i>Neurochemistry International</i> , 2016 , 99, 194-205	4.4	16
15	Inhibiting β -Amyloid-associated Alzheimer's pathogenesis in vitro and in vivo by a multifunctional dimeric bis(12)-hupyridone derived from its natural analogue. <i>Journal of Molecular Neuroscience</i> , 2015 , 55, 1014-21	3.3	15
14	A Novel Tetramethylpyrazine Derivative Prophylactically Protects against Glutamate-Induced Excitotoxicity in Primary Neurons through the Blockage of α -Methyl-D-aspartate Receptor. <i>Frontiers in Pharmacology</i> , 2018 , 9, 73	5.6	14
13	Tacrine(10)-Hupyridone Prevents Post-operative Cognitive Dysfunction via the Activation of BDNF Pathway and the Inhibition of AChE in Aged Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 396	6.1	10
12	Multifunctional memantine nitrate significantly protects against glutamate-induced excitotoxicity via inhibiting calcium influx and attenuating PI3K/Akt/GSK3 β pathway. <i>Chemico-Biological Interactions</i> , 2020 , 325, 109020	5	9
11	Potent Protection Against MPP-Induced Neurotoxicity via Activating Transcription Factor MEF2D by a Novel Derivative of Naturally Occurring Danshensu/Tetramethylpyrazine. <i>NeuroMolecular Medicine</i> , 2016 , 18, 561-572	4.6	8
10	The dual-functional memantine nitrate MN-08 alleviates cerebral vasospasm and brain injury in experimental subarachnoid haemorrhage models. <i>British Journal of Pharmacology</i> , 2019 , 176, 3318-3335	8.6	7
9	Bis(propyl)-cognitin potentiates rehabilitation of treadmill exercise after a transient focal cerebral ischemia, possibly via inhibiting NMDA receptor and regulating VEGF expression. <i>Neurochemistry International</i> , 2019 , 128, 143-153	4.4	6
8	Research and development of anti-Alzheimer's disease drugs: an update from the perspective of technology flows. <i>Expert Opinion on Therapeutic Patents</i> , 2018 , 28, 341-350	6.8	6
7	Promising tacrine/huperzine A-based dimeric acetylcholinesterase inhibitors for neurodegenerative disorders: From relieving symptoms to modifying diseases through multitarget. <i>Journal of Neurochemistry</i> , 2021 , 158, 1381-1393	6	6
6	Pharmacological Characterizations of anti-Dementia Memantine Nitrate via Neuroprotection and Vasodilation and. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 314-327	5.7	5
5	Significant combination of A β aggregation inhibitory and neuroprotective properties in silico, in vitro and in vivo by bis(propyl)-cognitin, a multifunctional anti-Alzheimer's agent. <i>European Journal of Pharmacology</i> , 2020 , 876, 173065	5.3	5
4	Reduced Expression of P2Y2 Receptor and Acetylcholinesterase at Neuromuscular Junction of P2Y1 Receptor Knock-out Mice. <i>Journal of Molecular Neuroscience</i> , 2015 , 57, 446-51	3.3	5
3	Discovery of a novel small molecule PT109 with multi-targeted effects against Alzheimer's disease in vitro and in vivo. <i>European Journal of Pharmacology</i> , 2020 , 883, 173361	5.3	3
2	Regulation of acetylcholinesterase during the lipopolysaccharide-induced inflammatory responses in microglial cells.. <i>FASEB Journal</i> , 2022 , 36, e22189	0.9	1
1	Tacrine Induces Endoplasmic Reticulum-Stressed Apoptosis via Disrupting the Proper Assembly of Oligomeric Acetylcholinesterase in Cultured Neuronal Cells. <i>Molecular Pharmacology</i> , 2021 , 100, 456-469	4.3	1

