

Shinghung Mak

List of Publications by Year in Descending Order

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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	Regulation of acetylcholinesterase during the lipopolysaccharide-induced inflammatory responses in microglial cells. <i>FASEB Journal</i> , 2022 , 36, e22189	0.9	1
34	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
33	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
32	Multifunctional memantine nitrate significantly protects against glutamate-induced excitotoxicity via inhibiting calcium influx and attenuating PI3K/Akt/GSK3beta pathway. <i>Chemico-Biological Interactions</i> , 2020 , 325, 109020	5	9
31	Pharmacological Characterizations of anti-Dementia Memantine Nitrate via Neuroprotection and Vasodilation and. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 314-327	5.7	5
30	Significant combination of Aβ 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
29	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
28	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
27	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
26	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
25	Neuroprotection Against MPP-Induced Cytotoxicity Through the Activation of PI3-K/Akt/GSK3β/MEF2D Signaling Pathway by Rhynchophylline, the Major Tetracyclic Oxindole Alkaloid Isolated From. <i>Frontiers in Pharmacology</i> , 2018 , 9, 768	5.6	22
24	A Novel Tetramethylpyrazine Derivative Prophylactically Protects against Glutamate-Induced Excitotoxicity in Primary Neurons through the Blockage of -Methyl-D-aspartate Receptor. <i>Frontiers in Pharmacology</i> , 2018 , 9, 73	5.6	14
23	Tacrine(10)-Hupyrindone 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
22	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
21	Indirubin-3-Oxime Prevents HO-Induced Neuronal Apoptosis via Concurrently Inhibiting GSK3β and the ERK Pathway. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 655-664	4.6	16
20	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
19	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

18	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
17	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
16	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
15	Indirubin-3-Oxime Effectively Prevents 6OHDA-Induced Neurotoxicity in PC12 Cells via Activating MEF2D Through the Inhibition of GSK3β <i>Journal of Molecular Neuroscience</i> , 2015 , 57, 561-70	3.3	24
14	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
13	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
12	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
11	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
10	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
9	Bis(propyl)-cognitin protects against glutamate-induced neuro-excitotoxicity via concurrent regulation of NO, MAPK/ERK and PI3-K/Akt/GSK3β pathways. <i>Neurochemistry International</i> , 2013 , 62, 468-77	4.4	38
8	Bis(12)-hupyridone, a novel acetylcholinesterase inhibitor, protects against glutamate-induced neuronal excitotoxicity via activating α7 nicotinic acetylcholine receptor/phosphoinositide 3-kinase/Akt cascade. <i>Chemico-Biological Interactions</i> , 2013 , 203, 365-70	5	17
7	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
6	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
5	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
4	Protection against 1-methyl-4-phenylpyridinium ion (MPP+)-induced apoptosis by water extract of ginseng (Panax ginseng C.A. Meyer) in SH-SY5Y cells. <i>Journal of Ethnopharmacology</i> , 2011 , 135, 34-42	5	58
3	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
2	Bis(12)-hupyridone, a novel multifunctional dimer, promotes neuronal differentiation more potently than its monomeric natural analog huperzine A possibly through α7 nAChR. <i>Brain Research</i> , 2011 , 1401, 10-7	3.7	24
1	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

