

Chandishwar Nath

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/10957393/chandishwar-nath-publications-by-year.pdf>

Version: 2024-04-28

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.

73
papers

3,444
citations

37
h-index

57
g-index

74
ext. papers

3,859
ext. citations

4.1
avg, IF

5.28
L-index

#	Paper	IF	Citations
73	Angiotensin II Receptor Blockers Attenuate Lipopolysaccharide-Induced Memory Impairment by Modulation of NF- κ B-Mediated BDNF/CREB Expression and Apoptosis in Spontaneously Hypertensive Rats. <i>Molecular Neurobiology</i> , 2018 , 55, 1725-1739	6.2	40
72	Intranasal insulin improves cerebral blood flow, Nrf-2 expression and BDNF in STZ (ICV)-induced memory impaired rats. <i>Life Sciences</i> , 2017 , 173, 1-10	6.8	35
71	Intranasal Insulin Administration Ameliorates Streptozotocin (ICV)-Induced Insulin Receptor Dysfunction, Neuroinflammation, Amyloidogenesis, and Memory Impairment in Rats. <i>Molecular Neurobiology</i> , 2017 , 54, 6507-6522	6.2	42
70	Streptozotocin Induced Neurotoxicity Involves Alzheimer's Related Pathological Markers: a Study on N2A Cells. <i>Molecular Neurobiology</i> , 2016 , 53, 2794-2806	6.2	27
69	Mechanism of Oxidative Stress and Synapse Dysfunction in the Pathogenesis of Alzheimer's Disease: Understanding the Therapeutics Strategies. <i>Molecular Neurobiology</i> , 2016 , 53, 648-661	6.2	232
68	Endoplasmic Reticulum Stress Plays a Key Role in Rotenone-Induced Apoptotic Death of Neurons. <i>Molecular Neurobiology</i> , 2016 , 53, 285-298	6.2	43
67	Inhibitory Effect of Memantine on Streptozotocin-Induced Insulin Receptor Dysfunction, Neuroinflammation, Amyloidogenesis, and Neurotrophic Factor Decline in Astrocytes. <i>Molecular Neurobiology</i> , 2016 , 53, 6730-6744	6.2	18
66	Perindopril Attenuates Lipopolysaccharide-Induced Amyloidogenesis and Memory Impairment by Suppression of Oxidative Stress and RAGE Activation. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 206-17	5.7	24
65	Sulforaphane Ameliorates Okadaic Acid-Induced Memory Impairment in Rats by Activating the Nrf2/HO-1 Antioxidant Pathway. <i>Molecular Neurobiology</i> , 2016 , 53, 5310-23	6.2	43
64	Evaluation of melatonin levels in saliva in gingivitis and periodontitis cases: A pilot study. <i>Contemporary Clinical Dentistry</i> , 2016 , 7, 519-523	0.6	6
63	Hypertension exacerbates predisposition to neurodegeneration and memory impairment in the presence of a neuroinflammatory stimulus: Protection by angiotensin converting enzyme inhibition. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 133, 132-45	3.9	27
62	Okadaic acid: a tool to study regulatory mechanisms for neurodegeneration and regeneration in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2015 , 10, 365-7	4.5	17
61	LPS induces mediators of neuroinflammation, cell proliferation, and GFAP expression in human astrocytoma cells U373MG: the anti-inflammatory and anti-proliferative effect of guggulipid. <i>Neurological Sciences</i> , 2014 , 35, 409-14	3.5	15
60	Glial activation and post-synaptic neurotoxicity: the key events in Streptozotocin (ICV) induced memory impairment in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 117, 104-17	3.9	93
59	Molecular and cellular mechanism of okadaic acid (OKA)-induced neurotoxicity: a novel tool for Alzheimer's disease therapeutic application. <i>Molecular Neurobiology</i> , 2014 , 50, 852-65	6.2	59
58	Mechanism of synapse redox stress in Okadaic acid (ICV) induced memory impairment: Role of NMDA receptor. <i>Neurochemistry International</i> , 2014 , 76, 32-41	4.4	31
57	Protection of streptozotocin induced insulin receptor dysfunction, neuroinflammation and amyloidogenesis in astrocytes by insulin. <i>Neuropharmacology</i> , 2014 , 86, 337-52	5.5	33

56	Erratum to Standardized Extract of Bacopa monniera Attenuates Okadaic Acid Induced Memory Dysfunction in Rats: Effect on Nrf2 Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014 , 2014, 1-3	2.3	0
55	Glial Activation and Synaptic Neurotoxicity in Alzheimer's disease: A Focus on Neuroinflammation. <i>Pharmacologia</i> , 2014 , 5, 286-297		2
54	Effect of angiotensin II on spatial memory, cerebral blood flow, cholinergic neurotransmission, and brain derived neurotrophic factor in rats. <i>Psychopharmacology</i> , 2013 , 226, 357-69	4.7	33
53	Neuroprotective effect of curcumin on okadaic acid induced memory impairment in mice. <i>European Journal of Pharmacology</i> , 2013 , 715, 381-94	5.3	54
52	Okadaic acid induced neurotoxicity: an emerging tool to study Alzheimer's disease pathology. <i>NeuroToxicology</i> , 2013 , 37, 163-72	4.4	77
51	A study on neuroinflammation and NMDA receptor function in STZ (ICV) induced memory impaired rats. <i>Journal of Neuroimmunology</i> , 2013 , 254, 1-9	3.5	82
50	Standardized Extract of Bacopa monniera Attenuates Okadaic Acid Induced Memory Dysfunction in Rats: Effect on Nrf2 Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 294501	2.3	34
49	Ameliorative effect of Noni fruit extract on streptozotocin-induced memory impairment in mice. <i>Behavioural Pharmacology</i> , 2013 , 24, 307-19	2.4	27
48	Synthesis and biological evaluation of ester derivatives of indomethacin as selective COX-2 inhibitors. <i>Medicinal Chemistry Research</i> , 2012 , 21, 2223-2228	2.2	1
47	Rotenone-induced apoptosis and role of calcium: a study on Neuro-2a cells. <i>Archives of Toxicology</i> , 2012 , 86, 1387-97	5.8	38
46	The effect of guggulipid and nimesulide on MPTP-induced mediators of neuroinflammation in rat astrocytoma cells, C6. <i>Chemico-Biological Interactions</i> , 2012 , 200, 73-83	5	16
45	Melatonin attenuated mediators of neuroinflammation and alpha-7 nicotinic acetylcholine receptor mRNA expression in lipopolysaccharide (LPS) stimulated rat astrocytoma cells, C6. <i>Free Radical Research</i> , 2012 , 46, 1167-77	4	35
44	Astrocyte activation: a key step in rotenone induced cytotoxicity and DNA damage. <i>Neurochemical Research</i> , 2012 , 37, 2178-89	4.6	37
43	Protective effect of fruits of Morinda citrifolia L. on scopolamine induced memory impairment in mice: a behavioral, biochemical and cerebral blood flow study. <i>Journal of Ethnopharmacology</i> , 2012 , 139, 34-41	5	65
42	A study on neuroinflammatory marker in brain areas of okadaic acid (ICV) induced memory impaired rats. <i>Life Sciences</i> , 2012 , 90, 713-20	6.8	33
41	Central angiotensin converting enzyme facilitates memory impairment in intracerebroventricular streptozotocin treated rats. <i>Behavioural Brain Research</i> , 2012 , 226, 317-30	3.4	51
40	Inhibition of central angiotensin converting enzyme ameliorates scopolamine induced memory impairment in mice: role of cholinergic neurotransmission, cerebral blood flow and brain energy metabolism. <i>Behavioural Brain Research</i> , 2012 , 232, 66-76	3.4	46
39	Okadaic acid induced neurotoxicity leads to central cholinergic dysfunction in rats. <i>European Journal of Pharmacology</i> , 2012 , 690, 90-8	5.3	21

38	Lead optimization studies towards the discovery of novel carbamates as potent AChE inhibitors for the potential treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 6313-20	3-4	23
37	Role of central angiotensin receptors in scopolamine-induced impairment in memory, cerebral blood flow, and cholinergic function. <i>Psychopharmacology</i> , 2012 , 222, 185-202	4-7	47
36	Improvement of brain energy metabolism and cholinergic functions contributes to the beneficial effects of silibinin against streptozotocin induced memory impairment. <i>Behavioural Brain Research</i> , 2011 , 221, 207-15	3-4	60
35	ICV STZ induced impairment in memory and neuronal mitochondrial function: A protective role of nicotinic receptor. <i>Behavioural Brain Research</i> , 2011 , 224, 50-7	3-4	47
34	A study to evaluate the effect of nootropic drug-piracetam on DNA damage in leukocytes and macrophages. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011 , 726, 66-74	3	12
33	Rotenone induced neurotoxicity in rat brain areas: a histopathological study. <i>Neuroscience Letters</i> , 2011 , 501, 123-7	3-3	31
32	Insulin receptor signaling in rat hippocampus: a study in STZ (ICV) induced memory deficit model. <i>European Neuropsychopharmacology</i> , 2011 , 21, 261-73	1.2	95
31	Mitochondrial dysfunction: a crucial event in okadaic acid (ICV) induced memory impairment and apoptotic cell death in rat brain. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 100, 311-9	3-9	62
30	Astrocytes and microglia: responses to neuropathological conditions. <i>International Journal of Neuroscience</i> , 2011 , 121, 589-97	2	57
29	Guggulipid and nimesulide differentially regulated inflammatory genes mRNA expressions via inhibition of NF-kB and CHOP activation in LPS-stimulated rat astrocytoma cells, C6. <i>Cellular and Molecular Neurobiology</i> , 2011 , 31, 755-64	4.6	17
28	The mechanism of action of MPTP-induced neuroinflammation and its modulation by melatonin in rat astrocytoma cells, C6. <i>Free Radical Research</i> , 2010 , 44, 1304-16	4	32
27	Effect of curcumin on brain insulin receptors and memory functions in STZ (ICV) induced dementia model of rat. <i>Pharmacological Research</i> , 2010 , 61, 247-52	10.2	96
26	Cholinergic protection via alpha7 nicotinic acetylcholine receptors and PI3K-Akt pathway in LPS-induced neuroinflammation. <i>Neurochemistry International</i> , 2010 , 56, 135-42	4.4	64
25	Evaluation of guggulipid and nimesulide on production of inflammatory mediators and GFAP expression in LPS stimulated rat astrocytoma, cell line (C6). <i>Journal of Ethnopharmacology</i> , 2010 , 127, 625-30	5	33
24	Protective effect of quercetin against intracerebral streptozotocin induced reduction in cerebral blood flow and impairment of memory in mice. <i>Behavioural Brain Research</i> , 2010 , 209, 73-9	3-4	113
23	Inhibitory role of cholinergic system mediated via alpha7 nicotinic acetylcholine receptor in LPS-induced neuro-inflammation. <i>Innate Immunity</i> , 2010 , 16, 3-13	2-7	32
22	Novel carbamates as orally active acetylcholinesterase inhibitors found to improve scopolamine-induced cognition impairment: pharmacophore-based virtual screening, synthesis, and pharmacology. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 6490-505	8.3	67
21	Melatonin alleviates memory deficits and neuronal degeneration induced by intracerebroventricular administration of streptozotocin in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010 , 94, 397-403	3-9	33

20	Effect of melatonin on neuroinflammation and acetylcholinesterase activity induced by LPS in rat brain. <i>European Journal of Pharmacology</i> , 2010 , 640, 206-10	5.3	65
19	Okadaic acid (ICV) induced memory impairment in rats: a suitable experimental model to test anti-dementia activity. <i>Brain Research</i> , 2010 , 1309, 66-74	3.7	64
18	The expression of CYP2D22, an ortholog of human CYP2D6, in mouse striatum and its modulation in 1-methyl 4-phenyl-1,2,3,6-tetrahydropyridine-induced Parkinson's disease phenotype and nicotine-mediated neuroprotection. <i>Rejuvenation Research</i> , 2009 , 12, 185-97	2.6	38
17	Cholinergic influence on memory stages: A study on scopolamine amnesic mice. <i>Indian Journal of Pharmacology</i> , 2009 , 41, 192-6	2.5	41
16	Candesartan improves memory decline in mice: involvement of AT1 receptors in memory deficit induced by intracerebral streptozotocin. <i>Behavioural Brain Research</i> , 2009 , 199, 235-40	3.4	72
15	A study of brain insulin receptors, AChE activity and oxidative stress in rat model of ICV STZ induced dementia. <i>Neuropharmacology</i> , 2009 , 56, 779-87	5.5	113
14	A comparative study on oxidative stress induced by LPS and rotenone in homogenates of rat brain regions. <i>Environmental Toxicology and Pharmacology</i> , 2009 , 27, 219-24	5.8	21
13	Nicotine and caffeine-mediated modulation in the expression of toxicant responsive genes and vesicular monoamine transporter-2 in 1-methyl 4-phenyl-1,2,3,6-tetrahydropyridine-induced Parkinson's disease phenotype in mouse. <i>Brain Research</i> , 2008 , 1207, 193-206	3.7	31
12	Effect of donepezil and tacrine on oxidative stress in intracerebral streptozotocin-induced model of dementia in mice. <i>European Journal of Pharmacology</i> , 2008 , 581, 283-9	5.3	108
11	Influence of LPS-induced neuroinflammation on acetylcholinesterase activity in rat brain. <i>Journal of Neuroimmunology</i> , 2008 , 205, 51-6	3.5	69
10	Effect of insulin and melatonin on acetylcholinesterase activity in the brain of amnesic mice. <i>Behavioural Brain Research</i> , 2008 , 189, 381-6	3.4	38
9	Substituted urea/thiourea derived from fluoxetine as potent appetite suppressants. <i>Medicinal Chemistry Research</i> , 2008 , 17, 103-113	2.2	3
8	Gugulipid, an extract of Commiphora whightii with lipid-lowering properties, has protective effects against streptozotocin-induced memory deficits in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2007 , 86, 797-805	3.9	86
7	Effect of anti-dementia drugs on LPS induced neuroinflammation in mice. <i>Life Sciences</i> , 2007 , 80, 1977-83.8		35
6	Synthesis and appetite suppressant activity of 1-aryloxy-2-substituted aminomethyltetrahydronaphthalenes as conformationally rigid analogues of fluoxetine. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 2535-44	3.4	5
5	Substituted propanolamines and alkylamines derived from fluoxetine as potent appetite suppressants. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 1739-47	3.4	13
4	Role of molecular isoforms of acetylcholinesterase in learning and memory functions. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 81, 89-99	3.9	40
3	Adaptogenic and anti-amnesic properties of Evolvulus alsinoides in rodents. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 81, 424-32	3.9	35

2	A comparative study in rodents of standardized extracts of <i>Bacopa monniera</i> and <i>Ginkgo biloba</i> : anticholinesterase and cognitive enhancing activities. <i>Pharmacology Biochemistry and Behavior</i> , 2002 , 73, 893-900	3.9	198
1	Effect of ovariectomy and estrogen supplementation on brain acetylcholinesterase activity and passive-avoidance learning in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002 , 80, 907-14	2.4	11