Nibaldo Inestrosa Cantin

List of Publications by Year
in descending order

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330 papers	19,413 citations	9786 73 h-index	17592 121 g-index
332 all docs	332 docs citations	332 times ranked	18096 citing authors

#	Article	IF	Citations
1	Age- and Sex-Associated Glucose Metabolism Decline in a Mouse Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2022, , 1-17.	2.6	3
2	Differential Role of Sex and Age in the Synaptic Transmission of Degus (Octodon degus). Frontiers in Integrative Neuroscience, 2022, 16, 799147.	2.1	1
3	â€œLive together, die aloneâ€• The effect of re-socialization on behavioural performance and social-affective brain-related proteins after a long-term chronic social isolation stress. Neurobiology of Stress, 2021, 14, 100289.	4.0	12
4	Andrographolide restores glucose uptake in rat hippocampal neurons. Journal of Neurochemistry, 2021, 157, 1222-1233.	3.9	11
5	Wnt5a promotes hippocampal postsynaptic development and GluN2B-induced expression via the eIF2Î± HRI kinase. Scientific Reports, 2021, 11, 7395.	3.3	8
6	Wnt5a modulates dendritic spine dynamics through the regulation of Cofilin via small Rho GTPase activity in hippocampal neurons. Journal of Neurochemistry, 2021, 158, 673-693.	3.9	5
7	A Multivariate Assessment of Age-Related Cognitive Impairment in Octodon degus. Frontiers in Integrative Neuroscience, 2021, 15, 719076.	2.1	6
8	Morphological neurite changes induced by porcupine inhibition are rescued by Wnt ligands. Cell Communication and Signaling, 2021, 19, 87.	6.5	4
9	The transcriptional landscape of Alzheimerâ€™s disease and its association with Wnt signaling pathway. Neuroscience and Biobehavioral Reviews, 2021, 128, 454-466.	6.1	8
10	Neurodevelopmental impact of the offspring by thyroid hormone system-disrupting environmental chemicals during pregnancy. Environmental Research, 2021, 200, 111345.	7.5	27
11	Discovery of a Potent Dual Inhibitor of Acetylcholinesterase and Butyrylcholinesterase with Antioxidant Activity that Alleviates Alzheimer-like Pathology in Old APP/PS1 Mice. Journal of Medicinal Chemistry, 2021, 64, 812-839.	6.4	45
12	Selective Surface and Intraluminal Localization of Wnt Ligands on Small Extracellular Vesicles Released by HT-22 Hippocampal Neurons. Frontiers in Cell and Developmental Biology, 2021, 9, 735888.	3.7	14
13	Disruption of Glucose Metabolism in Aged Octodon degus: A Sporadic Model of Alzheimer's Disease. Frontiers in Integrative Neuroscience, 2021, 15, 733007.	2.1	2
14	Synaptic Mitochondria: An Early Target of Amyloid-Î² and Tau in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2021, 84, 1391-1414.	2.6	26
15	Huperzine A and Its Neuroprotective Molecular Signaling in Alzheimerâ€™s Disease. Molecules, 2021, 26, 6531.	3.8	33
16	WNT Signaling Is a Key Player in Alzheimerâ€™s Disease. Handbook of Experimental Pharmacology, 2021, 269, 357-382.	1.8	6
17	Andrographolide promotes hippocampal neurogenesis and spatial memory in the APPswe/PS1Î”E9 mouse model of Alzheimerâ€™s disease. Scientific Reports, 2021, 11, 22904.	3.3	10
18	Wnt5a promotes differentiation and development of adult-born neurons in the hippocampus by noncanonical Wnt signaling. Stem Cells, 2020, 38, 422-436.	3.2	53

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19	Andrographolide Reduces Neuroinflammation and Oxidative Stress in Aged Octodon degus. Molecular Neurobiology, 2020, 57, 1131-1145.	4.0	30
20	Canonical Wnt Signaling Modulates the Expression of Pre- and Postsynaptic Components in Different Temporal Patterns. Molecular Neurobiology, 2020, 57, 1389-1404.	4.0	14
21	Effects of long-lasting social isolation and re-socialization on cognitive performance and brain activity: a longitudinal study in Octodon degus. Scientific Reports, 2020, 10, 18315.	3.3	28
22	Wnt Signaling Pathway Dysregulation in the Aging Brain: Lessons From the Octodon degus. Frontiers in Cell and Developmental Biology, 2020, 8, 734.	3.7	23
23	Glutamatergic Receptor Trafficking and Delivery: Role of the Exocyst Complex. Cells, 2020, 9, 2402.	4.1	5
24	Toll-Like Receptors (TLRs) in Neurodegeneration: Integrative Approach to TLR Cascades in Alzheimerâ€™s and Parkinsonâ€™s Diseases. , 2020, , .		2
25	Hormetic-Like Effects of L-Homocysteine on Synaptic Structure, Function, and AÎ² Aggregation. Pharmaceuticals, 2020, 13, 24.	3.8	11
26	Evidence of Synaptic and Neurochemical Remodeling in the Retina of Aging Degus. Frontiers in Neuroscience, 2020, 14, 161.	2.8	16
27	Toward an integrative understanding of the neuroinflammatory molecular milieu in Alzheimer disease neurodegeneration. , 2020, , 163-176.		0
28	Revisiting the Paraquat-Induced Sporadic Parkinsonâ€™s Disease-Like Model. Molecular Neurobiology, 2019, 56, 1044-1055.	4.0	65
29	Hypothyroidism and Cognitive Disorders during Development and Adulthood: Implications in the Central Nervous System. Molecular Neurobiology, 2019, 56, 2952-2963.	4.0	48
30	Modulation of Glucose Metabolism in Hippocampal Neurons by Adiponectin and Resistin. Molecular Neurobiology, 2019, 56, 3024-3037.	4.0	34
31	Wnt-7a Stimulates Dendritic Spine Morphogenesis and PSD-95 Expression Through Canonical Signaling. Molecular Neurobiology, 2019, 56, 1870-1882.	4.0	27
32	Fructose and prostate cancer: toward an integrated view of cancer cell metabolism. Prostate Cancer and Prostatic Diseases, 2019, 22, 49-58.	3.9	13
33	Molecular Basis of Neurodegeneration: Lessons from Alzheimerâ€™s and Parkinsonâ€™s Diseases. , 2019, , .		2
34	Serineâ€“Arginine Protein Kinase SRPK2 Modulates the Assembly of the Active Zone Scaffolding Protein CAST1/ERC2. Cells, 2019, 8, 1333.	4.1	6
35	Presymptomatic Treatment With Andrographolide Improves Brain Metabolic Markers and Cognitive Behavior in a Model of Early-Onset Alzheimerâ€™s Disease. Frontiers in Cellular Neuroscience, 2019, 13, 295.	3.7	34
36	Wnt Signaling Upregulates Teneurin-3 Expression via Canonical and Non-canonical Wnt Pathway Crosstalk. Frontiers in Neuroscience, 2019, 13, 505.	2.8	6

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37	GALECTIN-8 Is a Neuroprotective Factor in the Brain that Can Be Neutralized by Human Autoantibodies. Molecular Neurobiology, 2019, 56, 7774-7788.	4.0	22
38	Non-canonical function of IRE1Î± determines mitochondria-associated endoplasmic reticulum composition to control calcium transfer and bioenergetics. Nature Cell Biology, 2019, 21, 755-767.	10.3	168
39	Modulating Wnt signaling at the root: Porcupine and Wnt acylation. , 2019, 198, 34-45.		65
40	MicroRNAs in Metabolic Syndrome. , 2019, , 709-725.		0
41	The Exocyst Component Exo70 Modulates Dendrite Arbor Formation, Synapse Density, and Spine Maturation in Primary Hippocampal Neurons. Molecular Neurobiology, 2019, 56, 4620-4638.	4.0	19
42	Wntâ€induced activation of glucose metabolism mediates the inÂvivo neuroprotective roles of Wnt signaling in Alzheimer disease. Journal of Neurochemistry, 2019, 149, 54-72.	3.9	49
43	Local Klotho Enhances Neuronal Progenitor Proliferation in the Adult Hippocampus. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1043-1051.	3.6	15
44	Cognitive impairment in heart failure is associated with altered Wnt signaling in the hippocampus. Aging, 2019, 11, 5924-5942.	3.1	23
45	Diterpenes and the crosstalk with the arachidonic acid pathways, relevance in neurodegeneration. Neural Regeneration Research, 2019, 14, 1705.	3.0	1
46	Neuroprotective Effects of Ferruginol, Jatrophone, and Junicedric Acid Against Amyloid-Î² Injury in Hippocampal Neurons. Journal of Alzheimer's Disease, 2018, 63, 705-723.	2.6	8
47	Nicotine Modulates Mitochondrial Dynamics in Hippocampal Neurons. Molecular Neurobiology, 2018, 55, 8965-8977.	4.0	13
48	Long-Term, Fructose-Induced Metabolic Syndrome-Like Condition Is Associated with Higher Metabolism, Reduced Synaptic Plasticity and Cognitive Impairment in Octodon degus. Molecular Neurobiology, 2018, 55, 9169-9187.	4.0	16
49	APP/Go protein GÎ²Î³-complex signaling mediates AÎ² degeneration and cognitive impairment in Alzheimer's disease models. Neurobiology of Aging, 2018, 64, 44-57.	3.1	15
50	Wnt Signaling in the Central Nervous System: New Insights in Health and Disease. Progress in Molecular Biology and Translational Science, 2018, 153, 81-130.	1.7	68
51	Wnt3a ligand facilitates autophagy in hippocampal neurons by modulating a novel GSK-3Î²-AMPK axis. Cell Communication and Signaling, 2018, 16, 15.	6.5	36
52	Vertebrate Presynaptic Active Zone Assembly: a Role Accomplished by Diverse Molecular and Cellular Mechanisms. Molecular Neurobiology, 2018, 55, 4513-4528.	4.0	23
53	Wnt signaling loss accelerates the appearance of neuropathological hallmarks of Alzheimer's disease in J20â€<scp>APP</scp> transgenic and wildâ€type mice. Journal of Neurochemistry, 2018, 144, 443-465.	3.9	66
54	New Insights into the Spontaneous Human Alzheimerâ€™s Disease-Like Model Octodon degus: Unraveling Amyloid-Î² Peptide Aggregation and Age-Related Amyloid Pathology. Journal of Alzheimer's Disease, 2018, 66, 1145-1163.	2.6	21

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55	Loss of canonical Wnt signaling is involved in the pathogenesis of Alzheimer's disease. Neural Regeneration Research, 2018, 13, 1705.	3.0	100
56	PSD-95 (Postsynaptic Density Protein-95). , 2018, , 4263-4269.		0
57	Posttranslational Modifications Regulate the Postsynaptic Localization of PSD-95. Molecular Neurobiology, 2017, 54, 1759-1776.	4.0	60
58	Induction of hypothyroidism during early postnatal stages triggers a decrease in cognitive performance by decreasing hippocampal synaptic plasticity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 870-883.	3.8	28
59	<scp>PPARs</scp> in the central nervous system: roles in neurodegeneration and neuroinflammation. Biological Reviews, 2017, 92, 2046-2069.	10.4	80
60	Brain glucose metabolism: Role of Wnt signaling in the metabolic impairment in Alzheimerâ€™s disease. Neuroscience and Biobehavioral Reviews, 2017, 80, 316-328.	6.1	32
61	INT131 increases dendritic arborization and protects against AÎ² toxicity by inducing mitochondrial changes in hippocampal neurons. Biochemical and Biophysical Research Communications, 2017, 490, 955-962.	2.1	6
62	Quercetin Exerts Differential Neuroprotective Effects Against H2O2 and AÎ² Aggregates in Hippocampal Neurons: the Role of Mitochondria. Molecular Neurobiology, 2017, 54, 7116-7128.	4.0	56
63	Epigenetic editing of the Dlg4/PSD95 gene improves cognition in aged and Alzheimerâ€™s disease mice. Brain, 2017, 140, 3252-3268.	7.6	121
64	Emerging Synaptic Molecules as Candidates in the Etiology of Neurological Disorders. Neural Plasticity, 2017, 2017, 1-25.	2.2	57
65	Wnt/TLR Dialog in Neuroinflammation, Relevance in Alzheimerâ€™s Disease. Frontiers in Immunology, 2017, 8, 187.	4.8	39
66	Identification of Cerebral Metal Ion Imbalance in the Brain of Aging Octodon degus. Frontiers in Aging Neuroscience, 2017, 9, 66.	3.4	26
67	Wnt Signaling Prevents the AÎ² Oligomer-Induced Mitochondrial Permeability Transition Pore Opening Preserving Mitochondrial Structure in Hippocampal Neurons. PLoS ONE, 2017, 12, e0168840.	2.5	41
68	MicroRNAs in Metabolic Syndrome. , 2017, , 1-17.		0
69	Wnt5a Increases the Glycolytic Rate and the Activity of the Pentose Phosphate Pathway in Cortical Neurons. Neural Plasticity, 2016, 2016, 1-13.	2.2	10
70	TheGÎ±oActivator Mastoparan-7 Promotes Dendritic Spine Formation in Hippocampal Neurons. Neural Plasticity, 2016, 2016, 1-11.	2.2	9
71	Andrographolide recovers cognitive impairment in a natural model of Alzheimer's disease (Octodon) Tj ETQq1 1 0.784314 rgBT /Over	3.1	68
72	Reduction of Blood Amyloid-Î² Oligomers in Alzheimerâ€™s Disease Transgenic Mice by c-Abl Kinase Inhibition. Journal of Alzheimer's Disease, 2016, 54, 1193-1205.	2.6	23

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73	Wnt-5a/Frizzled9 Receptor Signaling through the GÎ±o-GÎ²Î³ Complex Regulates Dendritic Spine Formation. Journal of Biological Chemistry, 2016, 291, 19092-19107.	3.4	53
74	Activation of Wnt Signaling in Cortical Neurons Enhances Glucose Utilization through Glycolysis. Journal of Biological Chemistry, 2016, 291, 25950-25964.	3.4	46
75	Amyloid-Î² Peptide Nitrotyrosination Stabilizes Oligomers and Enhances NMDAR-Mediated Toxicity. Journal of Neuroscience, 2016, 36, 11693-11703.	3.6	50
76	Inhibition of Wnt signaling induces amyloidogenic processing of amyloid precursor protein and the production and aggregation of Amyloidâ€Î² (AÎ²)₄₂ peptides. Journal of Neurochemistry, 2016, 139, 1175-1191.	3.9	62
77	Frizzled-1 receptor regulates adult hippocampal neurogenesis. Molecular Brain, 2016, 9, 29.	2.6	60
78	On cognitive ecology and the environmental factors that promote Alzheimer disease: lessons from Octodon degus (Rodentia: Octodontidae). Biological Research, 2016, 49, 10.	3.4	25
79	Wnt-5a-regulated miR-101b controls COX2 expression in hippocampal neurons. Biological Research, 2016, 49, 9.	3.4	17
80	Modulation of the NMDA Receptor Through Secreted Soluble Factors. Molecular Neurobiology, 2016, 53, 299-309.	4.0	17
81	Voluntary Running Attenuates Memory Loss, Decreases Neuropathological Changes and Induces Neurogenesis in a Mouse Model of <scp>A</scp>lzheimer's Disease. Brain Pathology, 2016, 26, 62-74.	4.1	128
82	Are microRNAs the Molecular Link Between Metabolic Syndrome and Alzheimerâ€™s Disease?. Molecular Neurobiology, 2016, 53, 2320-2338.	4.0	27
83	Wnt signaling pathway improves central inhibitory synaptic transmission in a mouse model of Duchenne muscular dystrophy. Neurobiology of Disease, 2016, 86, 109-120.	4.4	11
84	Environmental control of microRNAs in the nervous system: Implications in plasticity and behavior. Neuroscience and Biobehavioral Reviews, 2016, 60, 121-138.	6.1	22
85	Role of Wnt Signaling in Central Nervous System Injury. Molecular Neurobiology, 2016, 53, 2297-2311.	4.0	99
86	Recent Advances in Neuroinflammation Therapeutics: PPARs/LXR as Neuroinflammatory Modulators. Current Pharmaceutical Design, 2016, 22, 1312-1323.	1.9	9
87	PSD-95 (Postsynaptic Density Protein-95). , 2016, , 1-7.		0
88	Tetrahydrohyperforin (IDN5706) targets the endoplasmic reticulum for autophagy activation: potential mechanism for Alzheimerâ€²s disease therapy. Neural Regeneration Research, 2016, 11, 242.	3.0	0
89	Is L-methionine a trigger factor for Alzheimerâ€™s-like neurodegeneration?: Changes in AÎ² oligomers, tau phosphorylation, synaptic proteins, Wnt signaling and behavioral impairment in wild-type mice. Molecular Neurodegeneration, 2015, 10, 62.	10.8	77
90	How the Wnt signaling pathway protects from neurodegeneration: the mitochondrial scenario. Frontiers in Cellular Neuroscience, 2015, 9, 166.	3.7	61

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91	Wnt-related SynGAP1 is a neuroprotective factor of glutamatergic synapses against AÃŽÂ² oligomers. Frontiers in Cellular Neuroscience, 2015, 9, 227.	3.7	10
92	Alzheimerâ€™s Disease-Related Protein Expression in the Retina of Octodon degus. PLoS ONE, 2015, 10, e0135499.	2.5	45
93	Andrographolide Stimulates Neurogenesis in the Adult Hippocampus. Neural Plasticity, 2015, 2015, 1-13.	2.2	47
94	Î²-Catenin-Dependent Signaling Pathway Contributes to Renal Fibrosis in Hypertensive Rats. BioMed Research International, 2015, 2015, 1-13.	1.9	18
95	Andrographolide activates the canonical Wnt signalling pathway by a mechanism that implicates the non-ATP competitive inhibition of GSK-3Î²: autoregulation of GSK-3Î² inÂvivo. Biochemical Journal, 2015, 466, 415-430.	3.7	68
96	The ROR2 tyrosine kinase receptor regulates dendritic spine morphogenesis in hippocampal neurons. Molecular and Cellular Neurosciences, 2015, 67, 22-30.	2.2	11
97	Pathogenicity of Lupus Antiâ€“Ribosomal P Antibodies: Role of Crossâ€Reacting Neuronal Surface P Antigen in Glutamatergic Transmission and Plasticity in a Mouse Model. Arthritis and Rheumatology, 2015, 67, 1598-1610.	5.6	62
98	Teneurins and Alzheimerâ€™s disease: A suggestive role for a unique family of proteins. Medical Hypotheses, 2015, 84, 402-407.	1.5	13
99	A novel function for Wnt signaling modulating neuronal firing activity and the temporal structure of spontaneous oscillation in the entorhinalâ€“hippocampal circuit. Experimental Neurology, 2015, 269, 43-55.	4.1	21
100	Accelerating AlzheimerÊ¼s research through â€˜naturalâ€™ animal models. Current Opinion in Psychiatry, 2015, 28, 155-164.	6.3	36
101	The increased potassium intake improves cognitive performance and attenuates histopathological markers in a model of Alzheimer's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2630-2644.	3.8	26
102	Fructose consumption reduces hippocampal synaptic plasticity underlying cognitive performance. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2379-2390.	3.8	55
103	Wnt5a inhibits K+ currents in hippocampal synapses through nitric oxide production. Molecular and Cellular Neurosciences, 2015, 68, 314-322.	2.2	15
104	The soluble extracellular fragment of neuroligin-1 targets AÎ² oligomers to the postsynaptic region of excitatory synapses. Biochemical and Biophysical Research Communications, 2015, 466, 66-71.	2.1	23
105	WASP-1, a canonical Wnt signaling potentiator, rescues hippocampal synaptic impairments induced by AÎ² oligomers. Experimental Neurology, 2015, 264, 14-25.	4.1	29
106	Antiâ€“Ribosomal P Protein Autoantibodies From Patients With Neuropsychiatric Lupus Impair Memory in Mice. Arthritis and Rheumatology, 2015, 67, 204-214.	5.6	90
107	Age Progression of Neuropathological Markers in the Brain of the Chilean Rodent Octodon degus, a Natural Model of <scp>A</scp>lzheimer's Disease. Brain Pathology, 2015, 25, 679-691.	4.1	42
108	The Protein Oxidation Repair Enzyme Methionine Sulfoxide Reductase A Modulates AÎ² Aggregation and Toxicity In Vivo. Antioxidants and Redox Signaling, 2015, 22, 48-62.	5.4	20

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109	Wnt signalling in neuronal differentiation and development. Cell and Tissue Research, 2015, 359, 215-223.	2.9	123
110	Monitoring Mitochondrial Membranes Permeability in Live Neurons and Mitochondrial Swelling Through Electron Microscopy Analysis. Methods in Molecular Biology, 2015, 1254, 87-97.	0.9	13
111	Tetrahydrohyperforin Inhibits the Proteolytic Processing of Amyloid Precursor Protein and Enhances Its Degradation by Atg5-Dependent Autophagy. PLoS ONE, 2015, 10, e0136313.	2.5	34
112	Tetrahydrohyperforin: a neuroprotective modified natural compound against Alzheimerâ€²s disease. Neural Regeneration Research, 2015, 10, 552.	3.0	7
113	PSD95 Suppresses Dendritic Arbor Development in Mature Hippocampal Neurons by Occluding the Clustering of NR2B-NMDA Receptors. PLoS ONE, 2014, 9, e94037.	2.5	63
114	AlzheimerÃ¢â‚¬â„¢s disease: relevant molecular and physiopathological events affecting amyloid-ÃŽÂ² brain balance and the putative role of PPARs. Frontiers in Aging Neuroscience, 2014, 6, 176.	3.4	46
115	Chronic hypoxia induces the activation of the Wnt/Î²-catenin signaling pathway and stimulates hippocampal neurogenesis in wild-type and APPswe-PS1Î”E9 transgenic mice in vivo. Frontiers in Cellular Neuroscience, 2014, 8, 17.	3.7	60
116	Wnt-5a Ligand Modulates Mitochondrial Fission-Fusion in Rat Hippocampal Neurons. Journal of Biological Chemistry, 2014, 289, 36179-36193.	3.4	56
117	Role of Sirt1 During the Ageing Process: Relevance to Protection of Synapses in the Brain. Molecular Neurobiology, 2014, 50, 744-756.	4.0	44
118	Brain metabolite clearance: impact on Alzheimerâ€™s disease. Metabolic Brain Disease, 2014, 29, 553-561.	2.9	10
119	Wnt signaling in the nervous system and in Alzheimer's disease. Journal of Molecular Cell Biology, 2014, 6, 64-74.	3.3	260
120	Wnt-5a increases NO and modulates NMDA receptor in rat hippocampal neurons. Biochemical and Biophysical Research Communications, 2014, 444, 189-194.	2.1	39
121	In vivoActivation ofWntSignaling Pathway Enhances Cognitive Function of Adult Mice and Reverses Cognitive Deficits in an Alzheimer's Disease Model. Journal of Neuroscience, 2014, 34, 2191-2202.	3.6	125
122	Wnt Signaling in Skeletal Muscle Dynamics: Myogenesis, Neuromuscular Synapse and Fibrosis. Molecular Neurobiology, 2014, 49, 574-589.	4.0	107
123	Phosphorylated tau potentiates AÎ²-induced mitochondrial damage in mature neurons. Neurobiology of Disease, 2014, 71, 260-269.	4.4	55
124	Is Alzheimer's disease related to metabolic syndrome? A Wnt signaling conundrum. Progress in Neurobiology, 2014, 121, 125-146.	5.7	87
125	Signaling pathway cross talk in Alzheimerâ€™s disease. Cell Communication and Signaling, 2014, 12, 23.	6.5	126
126	Synthesis and Multitarget Biological Profiling of a Novel Family of Rhein Derivatives As Disease-Modifying Anti-Alzheimer Agents. Journal of Medicinal Chemistry, 2014, 57, 2549-2567.	6.4	132

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127	Andrographolide reduces cognitive impairment in young and mature AÎ²PPswe/PS-1 mice. Molecular Neurodegeneration, 2014, 9, 61.	10.8	95
128	EphA4 Activation of c-Abl Mediates Synaptic Loss and LTP Blockade Caused by Amyloid-Î² Oligomers. PLoS ONE, 2014, 9, e92309.	2.5	75
129	Metal and complementary molecular bioimaging in Alzheimer's disease. Frontiers in Aging Neuroscience, 2014, 6, 138.	3.4	44
130	Nicotine Prevents Synaptic Impairment Induced by Amyloid-Î² Oligomers Through Î±7-Nicotinic Acetylcholine Receptor Activation. NeuroMolecular Medicine, 2013, 15, 549-569.	3.4	77
131	Tetrahydrohyperforin Induces Mitochondrial Dynamics and Prevents Mitochondrial Ca2+ Overload after AÎ² and AÎ²-AChE Complex Challenge in Rat Hippocampal Neurons. Journal of Alzheimer's Disease, 2013, 37, 735-746.	2.6	12
132	Tetrahydrohyperforin Decreases Cholinergic Markers associated with Amyloid-Î² Plaques, 4-Hydroxynonenal Formation, and Caspase-3 Activation in AÎ²PP/PS1 Mice. Journal of Alzheimer's Disease, 2013, 36, 99-118.	2.6	26
133	Peroxisome Proliferators Reduce Spatial Memory Impairment, Synaptic Failure, and Neurodegeneration in Brains of a Double Transgenic Mice Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 33, 941-959.	2.6	49
134	Tetrahydrohyperforin Increases Adult Hippocampal Neurogenesis in Wild-Type and APPswe/PS1Î”E9 Mice. Journal of Alzheimer's Disease, 2013, 34, 873-885.	2.6	34
135	Peroxisome Proliferator-Activated Receptor (PPAR) Î³ and PPARÎ± Agonists Modulate Mitochondrial Fusion-Fission Dynamics: Relevance to Reactive Oxygen Species (ROS)-Related Neurodegenerative Disorders?. PLoS ONE, 2013, 8, e64019.	2.5	84
136	Wnt signaling: Role in LTP, neural networks and memory. Ageing Research Reviews, 2013, 12, 786-800.	10.9	76
137	Peroxisome Proliferator-activated Receptors and Alzheimer's Disease: Hitting the Bloodâ€“Brain Barrier. Molecular Neurobiology, 2013, 48, 438-451.	4.0	36
138	Wnt signaling in the regulation of adult hippocampal neurogenesis. Frontiers in Cellular Neuroscience, 2013, 7, 100.	3.7	151
139	Frizzled-5 Receptor Is Involved in Neuronal Polarity and Morphogenesis of Hippocampal Neurons. PLoS ONE, 2013, 8, e78892.	2.5	32
140	Canonical Wnt signaling protects hippocampal neurons from AÎ² oligomers: role of non-canonical Wnt-5a/Ca2+ in mitochondrial dynamics. Frontiers in Cellular Neuroscience, 2013, 7, 97.	3.7	77
141	WNT signaling in neuronal maturation and synaptogenesis. Frontiers in Cellular Neuroscience, 2013, 7, 103.	3.7	204
142	Wnts in adult brain: from synaptic plasticity to cognitive deficiencies. Frontiers in Cellular Neuroscience, 2013, 7, 224.	3.7	128
143	ATP Induces NO Production in Hippocampal Neurons by P2X7 Receptor Activation Independent of Glutamate Signaling. PLoS ONE, 2013, 8, e57626.	2.5	27
144	Thiazolidinediones Promote Axonal Growth through the Activation of the JNK Pathway. PLoS ONE, 2013, 8, e65140.	2.5	24

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145	Postsynaptic Receptors for Amyloid-Î² Oligomers as Mediators of Neuronal Damage in Alzheimerâ€™s Disease. Frontiers in Physiology, 2012, 3, 464.	2.8	84
146	Wnt Signaling: Role in Alzheimer Disease and Schizophrenia. Journal of NeuroImmune Pharmacology, 2012, 7, 788-807.	4.1	165
147	Postsynaptic dysfunction is associated with spatial and object recognition memory loss in a natural model of Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13835-13840.	7.1	113
148	Wnt-5a Is a Synaptogenic Factor with Neuroprotective Properties against AÎ² Toxicity. Neurodegenerative Diseases, 2012, 10, 23-26.	1.4	30
149	Frizzled receptors in neurons: From growth cones to the synapse. Cytoskeleton, 2012, 69, 528-534.	2.0	25
150	Reusing and composing models of cell fate regulation of human bone precursor cells. BioSystems, 2012, 108, 63-72.	2.0	5
151	Recent rodent models for Alzheimerâ€™s disease: clinical implications and basic research. Journal of Neural Transmission, 2012, 119, 173-195.	2.8	97
152	SIRT1 Regulates Dendritic Development in Hippocampal Neurons. PLoS ONE, 2012, 7, e47073.	2.5	68
153	Regulation of NMDA-Receptor Synaptic Transmission by Wnt Signaling. Journal of Neuroscience, 2011, 31, 9466-9471.	3.6	136
154	The GABA(A)Ï•receptors in hippocampal spontaneous activity and their distribution in hippocampus, amygdala and visual cortex. Neuroscience Letters, 2011, 500, 20-25.	2.1	18
155	Interactions of AChE with A? Aggregates in Alzheimer?s Brain: Therapeutic Relevance of IDN 5706. Frontiers in Molecular Neuroscience, 2011, 4, 19.	2.9	132
156	The Cellular Prion Protein Prevents Copper-Induced Inhibition of P2<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>X</mml:mtext><mml:mtext>2</mml:mte International Journal of Alzheimer's Disease, 2011, 2011, 1-6.	2.0	
157	The Synaptic Protein Neuroligin-1 Interacts with the Amyloid Î²-Peptide. Is There a Role in Alzheimerâ€™s Disease?. Biochemistry, 2011, 50, 8127-8137.	2.5	49
158	Copper Reduces AÂ Oligomeric Species and Ameliorates Neuromuscular Synaptic Defects in a C. elegans Model of Inclusion Body Myositis. Journal of Neuroscience, 2011, 31, 10149-10158.	3.6	39
159	Wnt signaling modulates preâ€•and postsynaptic maturation: Therapeutic considerations. Developmental Dynamics, 2010, 239, 94-101.	1.8	30
160	Genome-wide identification of new Wnt/Î²-catenin target genes in the human genome using CART method. BMC Genomics, 2010, 11, 348.	2.8	50
161	Adult hippocampal neurogenesis in aging and Alzheimer's disease. Birth Defects Research Part C: Embryo Today Reviews, 2010, 90, 284-296.	3.6	49
162	Wnt-5aoccludes AÎ² oligomer-induced depression of glutamatergic transmission in hippocampal neurons. Molecular Neurodegeneration, 2010, 5, 3.	10.8	107

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