

Grace Y Sun

List of Publications by Citations

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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.

162
papers

7,562
citations

46
h-index

82
g-index

167
ext. papers

8,218
ext. citations

4.8
avg, IF

5.63
L-index

#	Paper	IF	Citations
162	Resveratrol protects against global cerebral ischemic injury in gerbils. <i>Brain Research</i> , 2002 , 958, 439-47	3.7	411
161	Phospholipase A2 in the central nervous system: implications for neurodegenerative diseases. <i>Journal of Lipid Research</i> , 2004 , 45, 205-13	6.3	292
160	Kainic acid-mediated excitotoxicity as a model for neurodegeneration. <i>Molecular Neurobiology</i> , 2005 , 31, 3-16	6.2	267
159	The "French Paradox" and beyond: neuroprotective effects of polyphenols. <i>Free Radical Biology and Medicine</i> , 2002 , 32, 314-8	7.8	257
158	Oxidative and inflammatory pathways in Parkinson's disease. <i>Neurochemical Research</i> , 2009 , 34, 55-65	4.6	248
157	Resveratrol as a therapeutic agent for neurodegenerative diseases. <i>Molecular Neurobiology</i> , 2010 , 41, 375-83	6.2	241
156	Amyloid beta peptide and NMDA induce ROS from NADPH oxidase and AA release from cytosolic phospholipase A2 in cortical neurons. <i>Journal of Neurochemistry</i> , 2008 , 106, 45-55	6	210
155	Apocynin protects against global cerebral ischemia-reperfusion-induced oxidative stress and injury in the gerbil hippocampus. <i>Brain Research</i> , 2006 , 1090, 182-9	3.7	198
154	Ethanol and membrane lipids. <i>Alcoholism: Clinical and Experimental Research</i> , 1985 , 9, 164-80	3.7	197
153	Neuroprotective mechanisms of curcumin against cerebral ischemia-induced neuronal apoptosis and behavioral deficits. <i>Journal of Neuroscience Research</i> , 2005 , 82, 138-48	4.4	190
152	Hydrogen peroxide alters membrane and cytoskeleton properties and increases intercellular connections in astrocytes. <i>Journal of Cell Science</i> , 2005 , 118, 3695-703	5.3	188
151	Cyclooxygenase-2 inhibition improves amyloid-beta-mediated suppression of memory and synaptic plasticity. <i>Brain</i> , 2008 , 131, 651-64	11.2	181
150	Botanical phenolics and brain health. <i>NeuroMolecular Medicine</i> , 2008 , 10, 259-74	4.6	151
149	Phospholipases A2 and inflammatory responses in the central nervous system. <i>NeuroMolecular Medicine</i> , 2010 , 12, 133-48	4.6	127
148	Docosahexaenoic acid (DHA): An essential nutrient and a nutraceutical for brain health and diseases. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 136, 3-13	2.8	124
147	Polyphenols in cerebral ischemia: novel targets for neuroprotection. <i>Molecular Neurobiology</i> , 2005 , 31, 135-47	6.2	115
146	Pro-inflammatory cytokines and lipopolysaccharide induce changes in cell morphology, and upregulation of ERK1/2, iNOS and sPLA _{IIA} expression in astrocytes and microglia. <i>Journal of Neuroinflammation</i> , 2011 , 8, 121	10.1	114

145	Secretory PLA2-IIA: a new inflammatory factor for Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2006 , 3, 28	10.1	110
144	Quercetin Attenuates Inflammatory Responses in BV-2 Microglial Cells: Role of MAPKs on the Nrf2 Pathway and Induction of Heme Oxygenase-1. <i>PLoS ONE</i> , 2015 , 10, e0141509	3.7	103
143	Role of PKC and MAPK in cytosolic PLA2 phosphorylation and arachadonic acid release in primary murine astrocytes. <i>Journal of Neurochemistry</i> , 2002 , 83, 259-70	6	102
142	Resveratrol protects against neurotoxicity induced by kainic acid. <i>Neurochemical Research</i> , 2004 , 29, 2105-12	4.6	99
141	Ethanol and oxidative mechanisms in the brain. <i>Journal of Biomedical Science</i> , 2001 , 8, 37-43	13.3	94
140	Phospholipases A2 mediate amyloid-beta peptide-induced mitochondrial dysfunction. <i>Journal of Neuroscience</i> , 2006 , 26, 11111-9	6.6	93
139	Beneficial effects of dietary EGCG and voluntary exercise on behavior in an Alzheimer's disease mouse model. <i>Journal of Alzheimer's Disease</i> , 2015 , 44, 561-72	4.3	88
138	Ethanol and Oxidative Stress. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 237S-243S	3.7	87
137	Phospholipase A2 in astrocytes: responses to oxidative stress, inflammation, and G protein-coupled receptor agonists. <i>Molecular Neurobiology</i> , 2005 , 31, 27-41	6.2	85
136	Proteomic quantification and site-mapping of S-nitrosylated proteins using isobaric iodoTMT reagents. <i>Journal of Proteome Research</i> , 2014 , 13, 3200-11	5.6	84
135	Induction of secretory phospholipase A2 in reactive astrocytes in response to transient focal cerebral ischemia in the rat brain. <i>Journal of Neurochemistry</i> , 2004 , 90, 637-45	6	82
134	The fatty acid and aldehyde composition of the major phospholipids of mouse brain. <i>Lipids</i> , 1968 , 3, 79-83.6	8.6	81
133	Deacylation-reacylation of arachidonoyl groups in cerebral phospholipids. <i>Annals of the New York Academy of Sciences</i> , 1989 , 559, 37-55	6.5	80
132	Vitamin E, antioxidants and lipid peroxidation in experimental atherosclerosis of rabbits. <i>Journal of Nutrition</i> , 1978 , 108, 1858-67	4.1	79
131	Cytotoxicity of paraquat in microglial cells: Involvement of PKCdelta- and ERK1/2-dependent NADPH oxidase. <i>Brain Research</i> , 2007 , 1167, 129-39	3.7	78
130	Altered microglial copper homeostasis in a mouse model of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2010 , 114, 1630-8	6	63
129	Prolonged exposure of cortical neurons to oligomeric amyloid- β impairs NMDA receptor function via NADPH oxidase-mediated ROS production: protective effect of green tea (-)-epigallocatechin-3-gallate. <i>ASN Neuro</i> , 2011 , 3, e00050	5.3	62
128	The roles of NADPH oxidase and phospholipases A2 in oxidative and inflammatory responses in neurodegenerative diseases. <i>Journal of Neurochemistry</i> , 2007 , 103, 1-16	6	62

127	Distinct signaling pathways for induction of type II NOS by IFN γ and LPS in BV-2 microglial cells. <i>Neurochemistry International</i> , 2005 , 47, 298-307	4.4	62
126	Oxidant-mediated AA release from astrocytes involves cPLA(2) and iPLA(2). <i>Free Radical Biology and Medicine</i> , 2003 , 34, 1531-43	7.8	61
125	Magnolia polyphenols attenuate oxidative and inflammatory responses in neurons and microglial cells. <i>Journal of Neuroinflammation</i> , 2013 , 10, 15	10.1	60
124	Phospholipases A2 and neural membrane dynamics: implications for Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2011 , 116, 813-9	6	60
123	Signal transduction pathways coupled to a P2U receptor in neuroblastoma x glioma (NG108-15) cells. <i>Journal of Neurochemistry</i> , 1993 , 60, 1115-25	6	58
122	Cytosolic phospholipase A2 plays a crucial role in ROS/NO signaling during microglial activation through the lipoxygenase pathway. <i>Journal of Neuroinflammation</i> , 2015 , 12, 199	10.1	57
121	TNF α alters occludin and cerebral endothelial permeability: Role of p38MAPK. <i>PLoS ONE</i> , 2017 , 12, e0170346	3.6	56
120	Role of cytosolic phospholipase A2 in oxidative and inflammatory signaling pathways in different cell types in the central nervous system. <i>Molecular Neurobiology</i> , 2014 , 50, 6-14	6.2	54
119	Bioavailability of apocynin through its conversion to glycoconjugate but not to diapocynin. <i>Phytomedicine</i> , 2008 , 15, 496-503	6.5	51
118	Grape polyphenols protect neurodegenerative changes induced by chronic ethanol administration. <i>NeuroReport</i> , 1999 , 10, 93-6	1.7	50
117	Cytokine induction of iNOS and sPLA2 in immortalized astrocytes (DITNC): response to genistein and pyrrolidine dithiocarbamate. <i>Journal of Interferon and Cytokine Research</i> , 1999 , 19, 121-7	3.5	47
116	Withania somnifera and Its Withanolides Attenuate Oxidative and Inflammatory Responses and Up-Regulate Antioxidant Responses in BV-2 Microglial Cells. <i>NeuroMolecular Medicine</i> , 2016 , 18, 241-52	4.6	46
115	Metabolism of arachidonoyl phosphoglycerides in mouse brain subcellular fractions. <i>Journal of Neurochemistry</i> , 1979 , 32, 1053-9	6	45
114	On the status of lysolecithin in rat cerebral cortex during ischemia. <i>Journal of Neurochemistry</i> , 1984 , 43, 1081-6	6	43
113	Effect of exercise and medium-chain fatty acids on postprandial lipemia. <i>Journal of Applied Physiology</i> , 2001 , 90, 1239-46	3.7	41
112	Unveiling anti-oxidative and anti-inflammatory effects of docosahexaenoic acid and its lipid peroxidation product on lipopolysaccharide-stimulated BV-2 microglial cells. <i>Journal of Neuroinflammation</i> , 2018 , 15, 202	10.1	39
111	Yin-Yang Mechanisms Regulating Lipid Peroxidation of Docosahexaenoic Acid and Arachidonic Acid in the Central Nervous System. <i>Frontiers in Neurology</i> , 2019 , 10, 642	4.1	38
110	NAD(P)H oxidase-mediated reactive oxygen species production alters astrocyte membrane molecular order via phospholipase A2. <i>Biochemical Journal</i> , 2009 , 421, 201-10	3.8	36

109	Ethanol and oxidative stress. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 237S-243S	3.7	36
108	Free fatty acids, neutral glycerides, and phosphoglycerides in transient focal cerebral ischemia. <i>Journal of Neurochemistry</i> , 1995 , 64, 1688-95	6	35
107	Involvement of oxidative pathways in cytokine-induced secretory phospholipase A2-IIA in astrocytes. <i>Neurochemistry International</i> , 2009 , 55, 362-8	4.4	34
106	Targeting NADPH oxidase and phospholipases A2 in Alzheimer's disease. <i>Molecular Neurobiology</i> , 2010 , 41, 73-86	6.2	34
105	Incorporation of (1-14C)oleic acid and (1-14C)arachidonic acid into lipids in the subcellular fractions of mouse brain. <i>Journal of Neurochemistry</i> , 1976 , 27, 87-92	6	33
104	Immuno-stimulatory activity of a polysaccharide-enriched fraction of <i>Sutherlandia frutescens</i> occurs by the toll-like receptor-4 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2015 , 172, 247-53	5	32
103	Chronic ethanol on mRNA levels of IP3R1, IP3 3-kinase and mGluR1 in mouse Purkinje neurons. <i>NeuroReport</i> , 1996 , 7, 2115-8	1.7	32
102	Lithium effects on inositol phospholipids and inositol phosphates: evaluation of an in vivo model for assessing polyphosphoinositide turnover in brain. <i>Journal of Neurochemistry</i> , 1992 , 58, 290-7	6	31
101	Integrating cytosolic phospholipase A2 with oxidative/nitrosative signaling pathways in neurons: a novel therapeutic strategy for AD. <i>Molecular Neurobiology</i> , 2012 , 46, 85-95	6.2	30
100	Effects of cerebral ischemia on [3H]inositol lipids and [3H]inositol phosphates of gerbil brain and subcellular fractions. <i>Journal of Neurochemistry</i> , 1987 , 48, 943-8	6	30
99	Dietary grape supplement ameliorates cerebral ischemia-induced neuronal death in gerbils. <i>Molecular Nutrition and Food Research</i> , 2005 , 49, 443-51	5.9	29
98	In situ hybridization of mRNA expression for IP3 receptor and IP3-3-kinase in rat brain after transient focal cerebral ischemia. <i>Molecular Brain Research</i> , 1995 , 32, 252-60		29
97	Phytochemicals and botanical extracts regulate NF- κ B and Nrf2/ARE reporter activities in DI TNC1 astrocytes. <i>Neurochemistry International</i> , 2016 , 97, 49-56	4.4	29
96	Grape Polyphenols Inhibit Chronic Ethanol-Induced COX-2 mRNA Expression in Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 352-357	3.7	27
95	Oral administration of grape polyphenol extract ameliorates cerebral ischemia/reperfusion-induced neuronal damage and behavioral deficits in gerbils: comparison of pre- and post-ischemic administration. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 369-77	6.3	26
94	Chronic Ethanol and Iron Administration on Iron Content, Neuronal Nitric Oxide Synthase, and Superoxide Dismutase in Rat Cerebellum. <i>Alcoholism: Clinical and Experimental Research</i> , 1999 , 23, 702-707	3.7	26
93	Protective Effects of AGE and Its Components on Neuroinflammation and Neurodegeneration. <i>NeuroMolecular Medicine</i> , 2016 , 18, 474-82	4.6	25
92	Fatty acids in the lipids of <i>Drosophila</i> heads: effects of visual mutants, carotenoid deprivation and dietary fatty acids. <i>Lipids</i> , 1993 , 28, 345-50	1.6	25

91	Effects of chronic ethanol administration on rat brain phospholipid metabolism. <i>Journal of Neurochemistry</i> , 1987 , 48, 974-80	6	25
90	Metabolism of arachidonate and stearate injected simultaneously into the mouse brain. <i>Lipids</i> , 1977 , 12, 661-5	1.6	25
89	Cellular membrane fluidity in amyloid precursor protein processing. <i>Molecular Neurobiology</i> , 2014 , 50, 119-29	6.2	24
88	Inhibition of microglial activation by elderberry extracts and its phenolic components. <i>Life Sciences</i> , 2015 , 128, 30-8	6.8	24
87	Dietary supplementation of grape polyphenols to rats ameliorates chronic ethanol-induced changes in hepatic morphology without altering changes in hepatic lipids. <i>Journal of Nutrition</i> , 1999 , 129, 1814-9	4.1	24
86	Degradation of arachidonoyl-labeled phosphatidylinositols by brain synaptosomes. <i>Journal of Neurochemistry</i> , 1981 , 36, 355-62	6	24
85	The neuroprotective effects of apocynin. <i>Frontiers in Bioscience - Elite</i> , 2012 , 4, 2183-93	1.6	23
84	NitroDIGE analysis reveals inhibition of protein S-nitrosylation by epigallocatechin gallates in lipopolysaccharide-stimulated microglial cells. <i>Journal of Neuroinflammation</i> , 2014 , 11, 17	10.1	22
83	On the membrane phospholipids and their acyl group profiles of adrenal gland. <i>Lipids</i> , 1979 , 14, 918-24	1.6	22
82	Detergent effects on the phosphatidylinositol-specific phospholipase C in rat brain synaptosomes. <i>Journal of Neurochemistry</i> , 1983 , 41, 1735-43	6	22
81	Acyl group composition of metabolically active lipids in brain: variances among subcellular fractions and during postnatal development. <i>Journal of Neurochemistry</i> , 1978 , 31, 1043-7	6	22
80	Stroke, angiogenesis and phytochemicals. <i>Frontiers in Bioscience - Scholar</i> , 2012 , 4, 599-610	2.4	21
79	Decapitation ischemia-induced release of free fatty acids in mouse brain. Relationship with diacylglycerols and lysophospholipids. <i>Molecular and Chemical Neuropathology</i> , 1992 , 17, 39-50		21
78	<i>Sutherlandia frutescens</i> ethanol extracts inhibit oxidative stress and inflammatory responses in neurons and microglial cells. <i>PLoS ONE</i> , 2014 , 9, e89748	3.7	21
77	<i>Clinacanthus nutans</i> Protects Cortical Neurons Against Hypoxia-Induced Toxicity by Downregulating HDAC1/6. <i>NeuroMolecular Medicine</i> , 2016 , 18, 274-82	4.6	21
76	Nanoparticle-emitted light attenuates amyloid- β -induced superoxide and inflammation in astrocytes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 15-7	6	20
75	Recent Insights on the Role of PPAR- γ in Neuroinflammation and Neurodegeneration, and Its Potential Target for Therapy. <i>NeuroMolecular Medicine</i> , 2021 , 23, 86-98	4.6	20
74	An esterification protocol for cis-parinaric acid-determined lipid peroxidation in immune cells. <i>Lipids</i> , 1997 , 32, 219-26	1.6	19

73	Oxidized lipoproteins, beta amyloid peptides and Alzheimer's disease. <i>Neurotoxicity Research</i> , 2001 , 3, 167-78	4.3	19
72	Involvement of lipid mediators on cytokine signaling and induction of secretory phospholipase A2 in immortalized astrocytes (DITNC). <i>Journal of Molecular Neuroscience</i> , 1999 , 12, 89-99	3.3	19
71	Arachidonic acid uptake by phospholipids and triacylglycerols of rat brain subcellular membranes. <i>Lipids</i> , 1988 , 23, 942-7	1.6	19
70	Proteomic analysis of the effects of aged garlic extract and its FruArg component on lipopolysaccharide-induced neuroinflammatory response in microglial cells. <i>PLoS ONE</i> , 2014 , 9, e113531	3.7	18
69	Neuroprotective effects of a nanocrystal formulation of sPLA(2) inhibitor PX-18 in cerebral ischemia/reperfusion in gerbils. <i>Brain Research</i> , 2009 , 1285, 188-95	3.7	18
68	Prenatal Ethanol Exposure Selectively Reduces the mRNA Encoding β Thyroid Hormone Receptor in Fetal Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 1998 , 22, 2111-2117	3.7	18
67	Ethanol and Lipid Metabolic Signaling. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 33S-39S	3.7	18
66	Platelet activating factor (PAF) antagonists on cytokine induction of iNOS and sPLA2 in immortalized astrocytes (DITNC). <i>Neurochemical Research</i> , 2000 , 25, 613-9	4.6	18
65	Maternal Immune Activation Induces Neuroinflammation and Cortical Synaptic Deficits in the Adolescent Rat Offspring. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
64	Dietary Sutherlandia and elderberry mitigate cerebral ischemia-induced neuronal damage and attenuate p47phox and phospho-ERK1/2 expression in microglial cells. <i>ASN Neuro</i> , 2014 , 6,	5.3	17
63	Ethanol inhibits cytokine-induced iNOS and sPLA2 in immortalized astrocytes: evidence for posttranscriptional site of ethanol action. <i>Journal of Biomedical Science</i> , 2001 , 8, 126-33	13.3	17
62	Ethanol Effects on Nitric Oxide Production in Cerebral Pial Cultures. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 612-618	3.7	17
61	Serum albumin washing specifically enhances arachidonate incorporation into synaptosomal phosphatidylinositols. <i>Journal of Neurochemistry</i> , 1983 , 40, 84-90	6	17
60	Quercetin Potentiates Docosahexaenoic Acid to Suppress Lipopolysaccharide-induced Oxidative/Inflammatory Responses, Alter Lipid Peroxidation Products, and Enhance the Adaptive Stress Pathways in BV-2 Microglial Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
59	Studies on the cytosolic phospholipase A2 in immortalized astrocytes (DITNC) revealed new properties of the calcium ionophore, A23187. <i>Neurochemical Research</i> , 1999 , 24, 1285-91	4.6	16
58	Partial purification and properties of long-chain acyl-CoA hydrolase from rat brain cytosol. <i>Neurochemical Research</i> , 1984 , 9, 1571-91	4.6	16
57	Clinacanthus nutans Mitigates Neuronal Apoptosis and Ischemic Brain Damage Through Augmenting the C/EBP β -Driven PPAR- γ Transcription. <i>Molecular Neurobiology</i> , 2018 , 55, 5425-5438	6.2	15
56	Effects of ethanol on arachidonic acid incorporation into lipids of a plasma membrane fraction isolated from brain cerebral cortex. <i>Alcoholism: Clinical and Experimental Research</i> , 1988 , 12, 795-800	3.7	15

55	Effects of ischemia on free fatty acids and diacylglycerols in developing rat brain. <i>International Journal of Developmental Neuroscience</i> , 1985 , 3, 51-6	2.7	15
54	Effects of aged garlic extract and FruArg on gene expression and signaling pathways in lipopolysaccharide-activated microglial cells. <i>Scientific Reports</i> , 2016 , 6, 35323	4.9	14
53	Botanical Polyphenols Mitigate Microglial Activation and Microglia-Induced Neurotoxicity: Role of Cytosolic Phospholipase A2. <i>NeuroMolecular Medicine</i> , 2016 , 18, 415-25	4.6	14
52	Changes in IP3R1 and SERCA2b mRNA levels in the gerbil brain after chronic ethanol administration and transient cerebral ischemia-reperfusion. <i>Molecular Brain Research</i> , 1998 , 56, 22-8		13
51	Phospholipids in Drosophila heads: effects of visual mutants and phototransduction manipulations. <i>Lipids</i> , 1993 , 28, 23-8	1.6	13
50	The kinetic properties of oleoyl-CoA:1-acyl-sn-glycero-3-phosphocholine O-acyltransferase from mouse-brain microsomes. <i>FEBS Journal</i> , 1980 , 109, 201-6		13
49	Effects of Docosahexaenoic Acid and Its Peroxidation Product on Amyloid- β Peptide-Stimulated Microglia. <i>Molecular Neurobiology</i> , 2020 , 57, 1085-1098	6.2	13
48	Harpagophytum procumbens Extract Ameliorates Allodynia and Modulates Oxidative and Antioxidant Stress Pathways in a Rat Model of Spinal Cord Injury. <i>NeuroMolecular Medicine</i> , 2020 , 22, 278-292	4.6	13
47	Maternal Dietary Docosahexaenoic Acid Alters Lipid Peroxidation Products and (n-3)/(n-6) Fatty Acid Balance in Offspring Mice. <i>Metabolites</i> , 2019 , 9,	5.6	12
46	Effects of ischemic tolerance on mRNA levels of IP3R1, beta-actin, and neuron-specific enolase in hippocampal CA1 area of the gerbil brain. <i>Neurochemical Research</i> , 1998 , 23, 539-42	4.6	12
45	From Analysis of Ischemic Mouse Brain Proteome to Identification of Human Serum Clusterin as a Potential Biomarker for Severity of Acute Ischemic Stroke. <i>Translational Stroke Research</i> , 2019 , 10, 546-558	7.8	12
44	Clinacanthus nutans Extracts Modulate Epigenetic Link to Cytosolic Phospholipase A2 Expression in SH-SY5Y Cells and Primary Cortical Neurons. <i>NeuroMolecular Medicine</i> , 2016 , 18, 441-52	4.6	11
43	Subchronic apocynin treatment attenuates methamphetamine-induced dopamine release and hyperactivity in rats. <i>Life Sciences</i> , 2014 , 98, 6-11	6.8	11
42	Repeated resveratrol treatment attenuates methamphetamine-induced hyperactivity and [3H]dopamine overflow in rodents. <i>Neuroscience Letters</i> , 2013 , 554, 53-8	3.3	11
41	Membrane lipid metabolism and phospholipase activity in insect Spodoptera frugiperda 9 ovarian cells. <i>Lipids</i> , 1997 , 32, 481-7	1.6	11
40	Synthesis of Diapocynin. <i>Journal of Chemical Education</i> , 2008 , 85, 411	2.4	11
39	Unveiling the anti-inflammatory activity of Sutherlandia frutescens using murine macrophages. <i>International Immunopharmacology</i> , 2015 , 29, 254-262	5.8	10
38	The effects of carbamylcholine on incorporation in vivo of [1-14C]arachidonic acid into glycerolipids of mouse brain. <i>Journal of Neurochemistry</i> , 1977 , 29, 1059-63	6	10

37	Chronic Ethanol Inhibits Inositol Metabolism in Specific Brain Regions. <i>Alcoholism: Clinical and Experimental Research</i> , 1997 , 21, 716-720	3.7	9
36	In utero ethanol exposure decreases the biosynthesis of phosphatidylserine in rat pup cerebrum. <i>Alcoholism: Clinical and Experimental Research</i> , 1992 , 16, 432-5	3.7	9
35	Effects of acute ethanol administration on polyphosphoinositide turnover and levels of inositol 1,4,5-trisphosphate in mouse cerebrum and cerebellum. <i>Alcoholism: Clinical and Experimental Research</i> , 1993 , 17, 401-5	3.7	8
34	Ethanol and oxidative mechanisms in the brain 2001 , 8, 37		8
33	Grape polyphenols inhibit chronic ethanol-induced COX-2 mRNA expression in rat brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 352-7	3.7	8
32	Two-dimensional zymography differentiates gelatinase isoforms in stimulated microglial cells and in brain tissues of acute brain injuries. <i>PLoS ONE</i> , 2015 , 10, e0123852	3.7	6
31	Effects of ethanol on phosphorylation of lipids in rat synaptic plasma membranes. <i>Alcoholism: Clinical and Experimental Research</i> , 1996 , 20, 1335-9	3.7	6
30	Phosphoglycerides and their acyl group composition in myelin and microsomes of rat spinal cord during development. <i>International Journal of Developmental Neuroscience</i> , 1983 , 1, 59-64	2.7	6
29	Effects of acute administration of chlorinated water on liver lipids. <i>Lipids</i> , 1981 , 16, 336-40	1.6	6
28	Bioactive components from garlic on brain resiliency against neuroinflammation and neurodegeneration. <i>Experimental and Therapeutic Medicine</i> , 2020 , 19, 1554-1559	2.1	6
27	Cytosolic Phospholipase A Facilitates Oligomeric Amyloid- β Peptide Association with Microglia via Regulation of Membrane-Cytoskeleton Connectivity. <i>Molecular Neurobiology</i> , 2019 , 56, 3222-3234	6.2	5
26	Effects of IL-1 beta on receptor-mediated poly-phosphoinositide signaling pathway in immortalized astrocytes (DITNC). <i>Neurochemical Research</i> , 1997 , 22, 1309-15	4.6	5
25	Metabolism of lysophosphatidylcholine by swine platelets. <i>Lipids</i> , 1985 , 20, 133-40	1.6	5
24	Levels of brain lipids in white matter from undernourished Sinclair (S-1) miniature swine. <i>Journal of Neurochemistry</i> , 1972 , 19, 909-12	6	5
23	Azelnidipine Attenuates the Oxidative and NFB Pathways in Amyloid- β Stimulated Cerebral Endothelial Cells. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 209-215	5.7	5
22	Quantitative Proteomics Reveals Docosahexaenoic Acid-Mediated Neuroprotective Effects in Lipopolysaccharide-Stimulated Microglial Cells. <i>Journal of Proteome Research</i> , 2020 , 19, 2236-2246	5.6	5
21	Metabolism of phosphatidylinositol in plasma membranes and synaptosomes of rat cerebral cortex: a comparison between endogenous vs exogenous substrate pools. <i>Lipids</i> , 1990 , 25, 273-7	1.6	4
20	Changes in phospholipids and acyl group composition of rat mammary gland during pregnant, lactating, and post-weaning periods. <i>Lipids</i> , 1976 , 11, 322-7	1.6	4

19	Chronic Ethanol and Iron Administration on Iron Content, Neuronal Nitric Oxide Synthase, and Superoxide Dismutase in Rat Cerebellum 1999 , 23, 702		4
18	Phosphorylation of lipids in rat primary glial cells and immortalized astrocytes (DITNC). <i>Lipids</i> , 1994 , 29, 385-90	1.6	3
17	Effect of chronic electrical stimulation on incorporation of [1-14C]oleate into glycerolipids of mouse brain. <i>Journal of Neurochemistry</i> , 1977 , 28, 1385-7	6	3
16	Does Concurrent Use of Some Botanicals Interfere with Treatment of Tuberculosis?. <i>NeuroMolecular Medicine</i> , 2016 , 18, 483-6	4.6	3
15	Alzheimer's disease: new perspectives on therapeutic targets and pathways. Foreword. <i>Molecular Neurobiology</i> , 2012 , 46, 1-2	6.2	2
14	Botanical Phenolics and Neurodegeneration. <i>Oxidative Stress and Disease</i> , 2011 , 315-332		2
13	Recent developments in understanding oxidative mechanisms and contributions of glial cell activation, mitochondrial dysfunction, and lipids and signaling pathways to neurodegenerative diseases. Preface. <i>Molecular Neurobiology</i> , 2010 , 41, 53-4	6.2	2
12	In vivo desaturation of [1-14C]stearate in the developing mouse brain. <i>Journal of Neurochemistry</i> , 1979 , 33, 351-4	6	2
11	Dynamic Role of Phospholipases A2 in Health and Diseases in the Central Nervous System. <i>Cells</i> , 2021 , 10,	7.9	2
10	Docosahexaenoic Acid (DHA) Supplementation Alters Phospholipid Species and Lipid Peroxidation Products in Adult Mouse Brain, Heart, and Plasma. <i>NeuroMolecular Medicine</i> , 2021 , 23, 118-129	4.6	2
9	Glial Cell Line-Derived Neurotrophic Factor and Focal Ischemic Stroke. <i>Neurochemical Research</i> , 2021 , 46, 2638-2650	4.6	2
8	Chronic Ethanol Inhibits Inositol Metabolism in Specific Brain Regions 1997 , 21, 716		1
7	Clinacanthus nutans Mitigates Neuronal Death and Reduces Ischemic Brain Injury: Role of NF- κ B-driven IL-1 β Transcription. <i>NeuroMolecular Medicine</i> , 2021 , 23, 199-210	4.6	1
6	Long-Term Effects of Low-Intensity Blast Non-Inertial Brain Injury on Anxiety-Like Behaviors in Mice: Home-Cage Monitoring Assessments.. <i>Neurotrauma Reports</i> , 2022 , 3, 27-38	1.6	0
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4	Effect of microglia cell activation on neuronal cells in coculture. <i>FASEB Journal</i> , 2006 , 20, A980	0.9	
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