

Grace Y Sun

List of Publications by Year in descending order

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165
papers

9,030
citations

41344

49
h-index

45317

90
g-index

167
all docs

167
docs citations

167
times ranked

10513
citing authors

#	ARTICLE	IF	CITATIONS
1	Resveratrol protects against global cerebral ischemic injury in gerbils. <i>Brain Research</i> , 2002, 958, 439-447.	2.2	465
2	Phospholipase A2 in the central nervous system. <i>Journal of Lipid Research</i> , 2004, 45, 205-213.	4.2	348
3	Kainic Acid-Mediated Excitotoxicity as a Model for Neurodegeneration. <i>Molecular Neurobiology</i> , 2005, 31, 003-016.	4.0	306
4	The "French paradox" and beyond: neuroprotective effects of polyphenols ^{1,2} Guest editor: Arthur Cederbaum ² This article is part of a series of reviews on "Alcohol, Oxidative Stress and Cell Injury." The full list of papers may be found on the homepage of the journal.. <i>Free Radical Biology and Medicine</i> , 2002, 32, 314-318.	2.9	295
5	Resveratrol as a Therapeutic Agent for Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , 2010, 41, 375-383.	4.0	283
6	Oxidative and Inflammatory Pathways in Parkinson's Disease. <i>Neurochemical Research</i> , 2009, 34, 55-65.	3.3	280
7	Amyloid beta peptide and NMDA induce ROS from NADPH oxidase and AA release from cytosolic phospholipase A ₂ in cortical neurons. <i>Journal of Neurochemistry</i> , 2008, 106, 45-55.	3.9	249
8	Neuroprotective mechanisms of curcumin against cerebral ischemia-induced neuronal apoptosis and behavioral deficits. <i>Journal of Neuroscience Research</i> , 2005, 82, 138-148.	2.9	218
9	Hydrogen peroxide alters membrane and cytoskeleton properties and increases intercellular connections in astrocytes. <i>Journal of Cell Science</i> , 2005, 118, 3695-3703.	2.0	216
10	Apocynin protects against global cerebral ischemia-reperfusion-induced oxidative stress and injury in the gerbil hippocampus. <i>Brain Research</i> , 2006, 1090, 182-189.	2.2	216
11	Ethanol and Membrane Lipids. <i>Alcoholism: Clinical and Experimental Research</i> , 1985, 9, 164-180.	2.4	215
12	Cyclooxygenase-2 inhibition improves amyloid- β -mediated suppression of memory and synaptic plasticity. <i>Brain</i> , 2008, 131, 651-664.	7.6	208
13	Botanical Phenolics and Brain Health. <i>NeuroMolecular Medicine</i> , 2008, 10, 259-274.	3.4	189
14	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.	2.2	172
15	Phospholipases A2 and Inflammatory Responses in the Central Nervous System. <i>NeuroMolecular Medicine</i> , 2010, 12, 133-148.	3.4	169
16	Polyphenols in Cerebral Ischemia: Novel Targets for Neuroprotection. <i>Molecular Neurobiology</i> , 2005, 31, 135-148.	4.0	140
17	Pro-inflammatory cytokines and lipopolysaccharide induce changes in cell morphology, and upregulation of ERK1/2, iNOS and sPLA2-IIA expression in astrocytes and microglia. <i>Journal of Neuroinflammation</i> , 2011, 8, 121.	7.2	136
18	Secretory PLA2-IIA: a new inflammatory factor for Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2006, 3, 28.	7.2	128

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19	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.	2.5	128
20	Role of PKC and MAPK in cytosolic PLA ₂ phosphorylation and arachidonic acid release in primary murine astrocytes. <i>Journal of Neurochemistry</i> , 2002, 83, 259-270.	3.9	115
21	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, 561-572.	2.6	114
22	Resveratrol Protects Against Neurotoxicity Induced by Kainic Acid. <i>Neurochemical Research</i> , 2004, 29, 2105-2112.	3.3	113
23	Ethanol and oxidative mechanisms in the brain. <i>Journal of Biomedical Science</i> , 2001, 8, 37-43.	7.0	109
24	Phospholipases A ₂ Mediate Amyloid-beta Peptide-Induced Mitochondrial Dysfunction. <i>Journal of Neuroscience</i> , 2006, 26, 11111-11119.	3.6	109
25	Proteomic Quantification and Site-Mapping of S-Nitrosylated Proteins Using Isobaric IodoTMT Reagents. <i>Journal of Proteome Research</i> , 2014, 13, 3200-3211.	3.7	104
26	Phospholipase A ₂ in Astrocytes: Responses to Oxidative Stress, Inflammation, and G Protein-Coupled Receptor Agonists. <i>Molecular Neurobiology</i> , 2005, 31, 027-042.	4.0	101
27	Vitamin E, Antioxidants and Lipid Peroxidation in Experimental Atherosclerosis of Rabbits. <i>Journal of Nutrition</i> , 1978, 108, 1858-1867.	2.9	99
28	Ethanol and Oxidative Stress. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 237S-243S.	2.4	93
29	Induction of secretory phospholipase A ₂ in reactive astrocytes in response to transient focal cerebral ischemia in the rat brain. <i>Journal of Neurochemistry</i> , 2004, 90, 637-645.	3.9	91
30	Cytotoxicity of paraquat in microglial cells: Involvement of PKC δ - and ERK1/2-dependent NADPH oxidase. <i>Brain Research</i> , 2007, 1167, 129-139.	2.2	89
31	TNF α alters occludin and cerebral endothelial permeability: Role of p38MAPK. <i>PLoS ONE</i> , 2017, 12, e0170346.	2.5	88
32	The roles of NADPH oxidase and phospholipases A ₂ in oxidative and inflammatory responses in neurodegenerative diseases. <i>Journal of Neurochemistry</i> , 2007, 103, 070611013409004-???	3.9	86
33	Deacylation-Reacylation of Arachidonoyl Groups in Cerebral Phospholipids. <i>Annals of the New York Academy of Sciences</i> , 1989, 559, 37-55.	3.8	84
34	The fatty acid and aldehyde composition of the major phospholipids of mouse brain. <i>Lipids</i> , 1968, 3, 79-83.	1.7	83
35	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> , 2010, 3, AN20100025.	2.7	81
36	Phospholipases A ₂ and neural membrane dynamics: implications for Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2011, 116, 813-819.	3.9	81

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37	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.	7.2	79
38	Altered microglial copper homeostasis in a mouse model of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2010, 114, 1630-1638.	3.9	78
39	Magnolia polyphenols attenuate oxidative and inflammatory responses in neurons and microglial cells. <i>Journal of Neuroinflammation</i> , 2013, 10, 15.	7.2	73
40	Oxidant-mediated AA release from astrocytes involves cPLA2 and iPLA2. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1531-1543.	2.9	71
41	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.	4.0	71
42	Distinct signaling pathways for induction of type II NOS by IFN β and LPS in BV-2 microglial cells. <i>Neurochemistry International</i> , 2005, 47, 298-307.	3.8	67
43	<i>Withania somnifera</i> and Its Withanolides Attenuate Oxidative and Inflammatory Responses and Up-Regulate Antioxidant Responses in BV-2 Microglial Cells. <i>NeuroMolecular Medicine</i> , 2016, 18, 241-252.	3.4	61
44	Signal Transduction Pathways Coupled to a P2UReceptor in Neuroblastoma \bar{A} — Glioma (NG108-15) Cells. <i>Journal of Neurochemistry</i> , 1993, 60, 1115-1125.	3.9	60
45	Bioavailability of apocynin through its conversion to glycoconjugate but not to diapocynin. <i>Phytomedicine</i> , 2008, 15, 496-503.	5.3	60
46	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, 121-127.	1.2	57
47	Grape polyphenols protect neurodegenerative changes induced by chronic ethanol administration. <i>NeuroReport</i> , 1999, 10, 93-96.	1.2	53
48	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.	2.4	53
49	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.	7.2	52
50	Recent Insights on the Role of PPAR- β/δ in Neuroinflammation and Neurodegeneration, and Its Potential Target for Therapy. <i>NeuroMolecular Medicine</i> , 2021, 23, 86-98.	3.4	52
51	METABOLISM OF ARACHIDONOYL PHOSPHOGLYCERIDES IN MOUSE BRAIN SUBCELLULAR FRACTIONS. <i>Journal of Neurochemistry</i> , 1979, 32, 1053-1059.	3.9	48
52	Ethanol and Oxidative Stress. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 237S-243S.	2.4	48
53	On the Status of Lysolecithin in Rat Cerebral Cortex During Ischemia. <i>Journal of Neurochemistry</i> , 1984, 43, 1081-1086.	3.9	46
54	Effect of exercise and medium-chain fatty acids on postprandial lipemia. <i>Journal of Applied Physiology</i> , 2001, 90, 1239-1246.	2.5	44

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55	Free Fatty Acids, Neutral Glycerides, and Phosphoglycerides in Transient Focal Cerebral Ischemia. <i>Journal of Neurochemistry</i> , 1995, 64, 1688-1695.	3.9	44
56	Involvement of oxidative pathways in cytokine-induced secretory phospholipase A2-IIA in astrocytes. <i>Neurochemistry International</i> , 2009, 55, 362-368.	3.8	41
57	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.	4.0	40
58	NAD(P)H oxidase-mediated reactive oxygen species production alters astrocyte membrane molecular order via phospholipase A2. <i>Biochemical Journal</i> , 2009, 421, 201-210.	3.7	39
59	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, 247-253.	4.1	39
60	Targeting NADPH Oxidase and Phospholipases A2 in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2010, 41, 73-86.	4.0	38
61	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.	3.9	37
62	Inhibition of microglial activation by elderberry extracts and its phenolic components. <i>Life Sciences</i> , 2015, 128, 30-38.	4.3	36
63	Maternal Immune Activation Induces Neuroinflammation and Cortical Synaptic Deficits in the Adolescent Rat Offspring. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4097.	4.1	36
64	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.	3.8	35
65	Chronic ethanol on mRNA levels of IP3R1, IP3 3-kinase and mGluR1 in mouse Purkinje neurons. <i>NeuroReport</i> , 1996, 7, 2115-2118.	1.2	34
66	Cellular Membrane Fluidity in Amyloid Precursor Protein Processing. <i>Molecular Neurobiology</i> , 2014, 50, 119-129.	4.0	34
67	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, 943-948.	3.9	33
68	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, 290-297.	3.9	32
69	Dietary grape supplement ameliorates cerebral ischemia-induced neuronal death in gerbils. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 443-451.	3.3	32
70	Protective Effects of AGE and Its Components on Neuroinflammation and Neurodegeneration. <i>NeuroMolecular Medicine</i> , 2016, 18, 474-482.	3.4	32
71	Grape Polyphenols Inhibit Chronic Ethanol-Induced COX-2 mRNA Expression in Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 352-357.	2.4	31
72	The neuroprotective effects of apocynin. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 2183.	1.8	31

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73	Clinacanthus nutans Protects Cortical Neurons Against Hypoxia-Induced Toxicity by Downregulating HDAC1/6. <i>NeuroMolecular Medicine</i> , 2016, 18, 274-282.	3.4	30
74	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, 345-350.	1.7	29
75	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, 252-260.	2.3	29
76	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, 1814-1819.	2.9	29
77	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.	2.4	29
78	Metabolism of arachidonate and stearate injected simultaneously into the mouse brain. <i>Lipids</i> , 1977, 12, 661-665.	1.7	28
79	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, 369-377.	4.2	28
80	Stroke angiogenesis and phytochemicals. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 599-610.	2.1	28
81	Effects of Chronic Ethanol Administration on Rat Brain Phospholipid Metabolism. <i>Journal of Neurochemistry</i> , 1987, 48, 974-980.	3.9	27
82	NitroDIGE analysis reveals inhibition of protein S-nitrosylation by epigallocatechin gallates in lipopolysaccharide-stimulated microglial cells. <i>Journal of Neuroinflammation</i> , 2014, 11, 17.	7.2	26
83	Degradation of Arachidonoyl-Labeled Phosphatidylinositols by Brain Synaptosomes. <i>Journal of Neurochemistry</i> , 1981, 36, 355-362.	3.9	25
84	Dynamic Role of Phospholipases A2 in Health and Diseases in the Central Nervous System. <i>Cells</i> , 2021, 10, 2963.	4.1	25
85	Detergent Effects on the Phosphatidylinositol-Specific Phospholipase C in Rat Brain Synaptosomes. <i>Journal of Neurochemistry</i> , 1983, 41, 1735-1743.	3.9	24
86	Decapitation ischemia-induced release of free fatty acids in mouse brain. <i>Molecular and Chemical Neuropathology</i> , 1992, 17, 39-50.	1.0	24
87	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.	2.5	24
88	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, 175909141455494.	2.7	24
89	ACYL GROUP COMPOSITION OF METABOLICALLY ACTIVE LIPIDS IN BRAIN: VARIANCES AMONG SUBCELLULAR FRACTIONS AND DURING POSTNATAL DEVELOPMENT. <i>Journal of Neurochemistry</i> , 1978, 31, 1043-1047.	3.9	23
90	Sutherlandia frutescens Ethanol Extracts Inhibit Oxidative Stress and Inflammatory Responses in Neurons and Microglial Cells. <i>PLoS ONE</i> , 2014, 9, e89748.	2.5	23

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91	On the membrane phospholipids and their acyl group profiles of adrenal gland. <i>Lipids</i> , 1979, 14, 918-924.	1.7	22
92	Oxidized lipoproteins, beta amyloid peptides and alzheimer's disease. <i>Neurotoxicity Research</i> , 2001, 3, 167-178.	2.7	22
93	Ethanol and Lipid Metabolic Signaling. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 33S-39S.	2.4	22
94	Neuroprotective effects of a nanocrystal formulation of sPLA2 inhibitor PX-18 in cerebral ischemia/reperfusion in gerbils. <i>Brain Research</i> , 2009, 1285, 188-195.	2.2	22
95	Nanoparticle-emitted light attenuates amyloid- β -induced superoxide and inflammation in astrocytes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 15-17.	3.3	22
96	An esterification protocol for cis-parinaric acid-determined lipid peroxidation in immune cells ^{1,2} . <i>Lipids</i> , 1997, 32, 219-226.	1.7	21
97	Prenatal Ethanol Exposure Selectively Reduces the mRNA Encoding β -1 Thyroid Hormone Receptor in Fetal Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 2111-2117.	2.4	20
98	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.	2.3	20
99	Platelet activating factor (PAF) antagonists on cytokine induction of iNOS and sPLA2 in immortalized astrocytes (DITNC). , 2000, 25, 613-619.		20
100	Clinacanthus nutans Mitigates Neuronal Apoptosis and Ischemic Brain Damage Through Augmenting the C/EBP β -Driven PPAR β Transcription. <i>Molecular Neurobiology</i> , 2018, 55, 5425-5438.	4.0	20
101	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, 546-556.	4.2	20
102	Serum Albumin Washing Specifically Enhances Arachidonate Incorporation into Synaptosomal Phosphatidylinositols. <i>Journal of Neurochemistry</i> , 1983, 40, 84-90.	3.9	19
103	Arachidonic acid uptake by phospholipids and triacylglycerols of rat brain subcellular membranes. <i>Lipids</i> , 1988, 23, 942-947.	1.7	19
104	Studies on the cytosolic phospholipase A2 in immortalized astrocytes (DITNC) revealed new properties of the calcium ionophore, A23187. <i>Neurochemical Research</i> , 1999, 24, 1285-1291.	3.3	19
105	Ethanol Effects on Nitric Oxide Production in Cerebral Pial Cultures. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 612-618.	2.4	19
106	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, 126-133.	7.0	18
107	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.	3.3	18
108	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, 932.	4.1	18

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109	Effects of Docosahexaenoic Acid and Its Peroxidation Product on Amyloid- β Peptide-Stimulated Microglia. <i>Molecular Neurobiology</i> , 2020, 57, 1085-1098.	4.0	18
110	Repeated resveratrol treatment attenuates methamphetamine-induced hyperactivity and [3H]dopamine overflow in rodents. <i>Neuroscience Letters</i> , 2013, 554, 53-58.	2.1	17
111	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.	3.4	17
112	Partial purification and properties of long-chain acyl-CoA hydrolase from rat brain cytosol. <i>Neurochemical Research</i> , 1984, 9, 1571-1591.	3.3	16
113	Effects of ischemia on free fatty acids and diacylglycerols in developing rat brain. <i>International Journal of Developmental Neuroscience</i> , 1985, 3, 51-56.	1.6	16
114	The Kinetic Properties of Oleoyl-CoA:1-Acyl-sn-glycero-3-phosphocholine O-Acyltransferase from Mouse-Brain Microsomes. <i>FEBS Journal</i> , 1980, 109, 201-206.	0.2	15
115	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.	2.4	15
116	Phospholipids in <i>Drosophila</i> heads: Effects of visual mutants and phototransduction manipulations. <i>Lipids</i> , 1993, 28, 23-28.	1.7	15
117	Subchronic apocynin treatment attenuates methamphetamine-induced dopamine release and hyperactivity in rats. <i>Life Sciences</i> , 2014, 98, 6-11.	4.3	15
118	Botanical Polyphenols Mitigate Microglial Activation and Microglia-Induced Neurotoxicity: Role of Cytosolic Phospholipase A2. <i>NeuroMolecular Medicine</i> , 2016, 18, 415-425.	3.4	15
119	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, 22-28.	2.3	14
120	Maternal Dietary Docosahexaenoic Acid Alters Lipid Peroxidation Products and (n-3)/(n-6) Fatty Acid Balance in Offspring Mice. <i>Metabolites</i> , 2019, 9, 40.	2.9	14
121	Membrane lipid metabolism and phospholipase activity in insect <i>Spodoptera frugiperda</i> 9 ovarian cells. <i>Lipids</i> , 1997, 32, 481-487.	1.7	13
122	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, 539-542.	3.3	13
123	Synthesis of Diapocynin. <i>Journal of Chemical Education</i> , 2008, 85, 411.	2.3	13
124	Unveiling the anti-inflammatory activity of <i>Sutherlandia frutescens</i> using murine macrophages. <i>International Immunopharmacology</i> , 2015, 29, 254-262.	3.8	13
125	Cytosolic Phospholipase A2 Facilitates Oligomeric Amyloid- β Peptide Association with Microglia via Regulation of Membrane-Cytoskeleton Connectivity. <i>Molecular Neurobiology</i> , 2019, 56, 3222-3234.	4.0	12
126	Neuroprotective effects of DHA-derived peroxidation product 4(RS)-4-F4t-neuroprostane on microglia. <i>Free Radical Biology and Medicine</i> , 2022, 185, 1-5.	2.9	12

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127	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, 441-452.	3.4	11
128	Quantitative Proteomics Reveals Docosahexaenoic Acid-Mediated Neuroprotective Effects in Lipopolysaccharide-Stimulated Microglial Cells. <i>Journal of Proteome Research</i> , 2020, 19, 2236-2246.	3.7	11
129	Bioactive components from garlic on brain resiliency against neuroinflammation and neurodegeneration (Review). <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 1554-1559.	1.8	11
130	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, 1059-1063.	3.9	10
131	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, 401-405.	2.4	10
132	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.	2.5	10
133	Glial Cell Line-Derived Neurotrophic Factor and Focal Ischemic Stroke. <i>Neurochemical Research</i> , 2021, 46, 2638-2650.	3.3	10
134	In Utero Ethanol Exposure Decreases the Biosynthesis of Phosphatidylserine in Rat Pup Cerebrum. <i>Alcoholism: Clinical and Experimental Research</i> , 1992, 16, 432-435.	2.4	9
135	Chronic Ethanol Inhibits Inositol Metabolism in Specific Brain Regions. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 716-720.	2.4	9
136	Anti-Inflammatory Effects of Phytochemical Components of Clinacanthus nutans. <i>Molecules</i> , 2022, 27, 3607.	3.8	9
137	Azelnidipine Attenuates the Oxidative and NF κ B Pathways in Amyloid- β 2-Stimulated Cerebral Endothelial Cells. <i>ACS Chemical Neuroscience</i> , 2019, 10, 209-215.	3.5	8
138	Ethanol and Oxidative Mechanisms in the Brain. <i>Journal of Biomedical Science</i> , 2001, 8, 37-43.	7.0	8
139	Grape polyphenols inhibit chronic ethanol-induced COX-2 mRNA expression in rat brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 352-7.	2.4	8
140	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.	1.6	7
141	Effects of acute administration of chlorinated water on liver lipids. <i>Lipids</i> , 1981, 16, 336-340.	1.7	6
142	Effects of Ethanol on Phosphorylation of Lipids in Rat Synaptic Plasma Membranes. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 1335-1339.	2.4	6
143	Effects of IL-1 beta on receptor-mediated poly-phosphoinositide signaling pathway in immortalized astrocytes (DITNC). <i>Neurochemical Research</i> , 1997, 22, 1309-1315.	3.3	6
144	Levels of brain lipids in white matter from undernourished Sinclair (S-1) miniature swine. <i>Journal of Neurochemistry</i> , 1972, 19, 909-912.	3.9	5

#	ARTICLE	IF	CITATIONS
145	Metabolism of lysophosphatidylcholine by swine platelets. <i>Lipids</i> , 1985, 20, 133-140.	1.7	5
146	Bidirectional Responses of Eight Neuroinflammation-Related Transcriptional Factors to 64 Flavonoids in Astrocytes with Transposable Insulated Signaling Pathway Reporters. <i>ACS Chemical Neuroscience</i> , 2022, 13, 613-623.	3.5	5
147	Changes in phospholipids and acyl group composition of rat mammary gland during pregnant, lactating, and post-weaning periods. <i>Lipids</i> , 1976, 11, 322-327.	1.7	4
148	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, 273-277.	1.7	4
149	Phosphorylation of lipids in rat primary glial cells and immortalized astrocytes (DITNC). <i>Lipids</i> , 1994, 29, 385-390.	1.7	4
150	Foreword. <i>Molecular Neurobiology</i> , 2012, 46, 1-2.	4.0	4
151	Does Concurrent Use of Some Botanicals Interfere with Treatment of Tuberculosis?. <i>NeuroMolecular Medicine</i> , 2016, 18, 483-486.	3.4	4
152	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.	2.4	4
153	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.	1.4	4
154	Effect of chronic electrical stimulation on incorporation of [1-14C]oleate into glycerolipids of mouse brain. <i>Journal of Neurochemistry</i> , 1977, 28, 1385-1387.	3.9	3
155	Preface. <i>Molecular Neurobiology</i> , 2010, 41, 53-54.	4.0	3
156	Nutraceuticals in Neurodegeneration and Aging. <i>NeuroMolecular Medicine</i> , 2016, 18, 239-240.	3.4	3
157	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.	3.4	3
158	In vivo desaturation of [1-14C]stearate in the developing mouse brain. <i>Journal of Neurochemistry</i> , 1979, 33, 351-354.	3.9	2
159	Botanical Phenolics and Neurodegeneration. <i>Oxidative Stress and Disease</i> , 2011, , 315-332.	0.3	2
160	<i>Clinacanthus nutans</i> 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.	3.4	2
161	Chronic Ethanol Inhibits Inositol Metabolism in Specific Brain Regions. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 716.	2.4	1
162	An Investigation into the Immunomodulatory Activities of <i>Sutherlandia frutescens</i> in Healthy Mice. <i>PLoS ONE</i> , 2016, 11, e0160994.	2.5	1

#	ARTICLE	IF	CITATIONS
163	Effect of microglia cell activation on neuronal cells in coculture. FASEB Journal, 2006, 20, A980.	0.5	0
164	Anti-inflammatory activities of <i>Lessertia frutescens</i> (Sutherlandia) extract in murine macrophages. FASEB Journal, 2013, 27, 348.2.	0.5	0
165	Oligomeric Amyloid- β^2 Peptide on Sialyic Lewis \times^c Selectin Bonding at Cerebral Endothelial Surface. Central Asian Journal of Global Health, 2014, 3, 150.	0.6	0