

Wei-Yi Ong

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141
papers

4,519
citations

36
h-index

62
g-index

148
ext. papers

5,171
ext. citations

5.4
avg. IF

5.74
L-index

#	Paper	IF	Citations
141	Biodistribution of gold nanoparticles and gene expression changes in the liver and spleen after intravenous administration in rats. <i>Biomaterials</i> , 2010 , 31, 2034-42	15.6	390
140	Inhibitors of brain phospholipase A2 activity: their neuropharmacological effects and therapeutic importance for the treatment of neurologic disorders. <i>Pharmacological Reviews</i> , 2006 , 58, 591-620	22.5	302
139	Role of the Prefrontal Cortex in Pain Processing. <i>Molecular Neurobiology</i> , 2019 , 56, 1137-1166	6.2	198
138	Characterization, purification, and stability of gold nanoparticles. <i>Biomaterials</i> , 2010 , 31, 9023-30	15.6	162
137	Biochemical aspects of neurodegeneration in human brain: involvement of neural membrane phospholipids and phospholipases A2. <i>Neurochemical Research</i> , 2004 , 29, 1961-77	4.6	154
136	Protective effects of ginseng on neurological disorders. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 129	5.3	122
135	The effect of primary particle size on biodistribution of inhaled gold nano-agglomerates. <i>Biomaterials</i> , 2013 , 34, 5439-52	15.6	104
134	Iron, neuroinflammation, and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2005 , 8, 183-200; discussion 209-15	4.3	102
133	Translocation and effects of gold nanoparticles after inhalation exposure in rats. <i>Nanotoxicology</i> , 2007 , 1, 235-242	5.3	101
132	Non-targeted profiling of lipids during kainate-induced neuronal injury. <i>FASEB Journal</i> , 2006 , 20, 1152-61	6.9	96
131	Synthetic and natural inhibitors of phospholipases A2: their importance for understanding and treatment of neurological disorders. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 814-31	5.7	86
130	Comparison of biochemical effects of statins and fish oil in brain: the battle of the titans. <i>Brain Research Reviews</i> , 2007 , 56, 443-71		86
129	Neurodegeneration in Niemann-Pick type C disease mice. <i>Experimental Brain Research</i> , 2001 , 141, 218-31	2.3	79
128	The iron chelator desferrioxamine inhibits atherosclerotic lesion development and decreases lesion iron concentrations in the cholesterol-fed rabbit. <i>Free Radical Biology and Medicine</i> , 2005 , 38, 1206-11	7.8	78
127	Heme oxygenase-1 is expressed in viable astrocytes and microglia but in degenerating pyramidal neurons in the kainate-lesioned rat hippocampus. <i>Experimental Brain Research</i> , 2001 , 137, 424-31	2.3	78
126	Roles of cholesterol in vesicle fusion and motion. <i>Biophysical Journal</i> , 2009 , 97, 1371-80	2.9	73
125	Iron, atherosclerosis, and neurodegeneration: a key role for cholesterol in promoting iron-dependent oxidative damage?. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1012, 51-64	6.5	71

124	Slow excitotoxicity in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2013 , 35, 643-68	4.3	69
123	Intracerebroventricular injection of phospholipase A2 inhibitors modulates allodynia after facial carrageenan injection in mice. <i>Pain</i> , 2004 , 112, 148-55	8	53
122	Retinoic acid-mediated phospholipase A2 signaling in the nucleus. <i>Brain Research Reviews</i> , 2004 , 45, 179-95		52
121	Distribution of calcium-independent phospholipase A2 (iPLA 2) in monkey brain. <i>Journal of Neurocytology</i> , 2005 , 34, 447-58		52
120	Large-scale lipidomics identifies associations between plasma sphingolipids and T2DM incidence. <i>JCI Insight</i> , 2019 , 5,	9.9	49
119	Ayurvedic Medicine For the Treatment of Dementia: Mechanistic Aspects. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 2481076	2.3	48
118	Lovastatin modulates increased cholesterol and oxysterol levels and has a neuroprotective effect on rat hippocampal neurons after kainate injury. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006 , 65, 652-63	3.1	47
117	Changes in brain cholesterol metabolome after excitotoxicity. <i>Molecular Neurobiology</i> , 2010 , 41, 299-313	3.2	43
116	Expression and localization of the iron-siderophore binding protein lipocalin 2 in the normal rat brain and after kainate-induced excitotoxicity. <i>Neurochemistry International</i> , 2011 , 59, 591-9	4.4	42
115	Lipid mediators in the nucleus: Their potential contribution to Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 906-16	5	42
114	Nose-to-brain drug delivery by nanoparticles in the treatment of neurological disorders. <i>Current Medicinal Chemistry</i> , 2014 , 21, 4247-56	4.3	42
113	Plasmalogens, docosahexaenoic acid and neurological disorders. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 544, 335-54	3.6	42
112	Enterovirus 71 infection of motor neuron-like NSC-34 cells undergoes a non-lytic exit pathway. <i>Scientific Reports</i> , 2016 , 6, 36983	4.9	40
111	Antiprion activity of functionalized 9-aminoacridines related to quinacrine. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 6737-46	3.4	38
110	Increase in cholesterol and cholesterol oxidation products, and role of cholesterol oxidation products in kainate-induced neuronal injury. <i>Brain Pathology</i> , 2003 , 13, 250-62	6	38
109	Changes in GABA transporters in the rat hippocampus after kainate-induced neuronal injury: decrease in GAT-1 and GAT-3 but upregulation of betaine/GABA transporter BGT-1. <i>Journal of Neuroscience Research</i> , 2004 , 77, 402-9	4.4	38
108	Increased expression of gamma-aminobutyric acid transporters GAT-1 and GAT-3 in the spinal trigeminal nucleus after facial carrageenan injections. <i>Pain</i> , 2001 , 92, 29-40	8	37
107	Upregulation of iron regulatory proteins and divalent metal transporter-1 isoforms in the rat hippocampus after kainate induced neuronal injury. <i>Experimental Brain Research</i> , 2006 , 170, 376-86	2.3	36

106	Distribution of hydroxynonenal-modified proteins in the kainate-lesioned rat hippocampus: evidence that hydroxynonenal formation precedes neuronal cell death. <i>Free Radical Biology and Medicine</i> , 2000 , 28, 1214-21	7.8	36
105	A light and electron microscopic study of betaine/GABA transporter distribution in the monkey cerebral neocortex and hippocampus. <i>Journal of Neurocytology</i> , 2004 , 33, 233-40		34
104	A nuclear microscopic study of elemental changes in the rat hippocampus after kainate-induced neuronal injury. <i>Journal of Neurochemistry</i> , 1999 , 72, 1574-9	6	34
103	MicroRNA changes in the mouse prefrontal cortex after inflammatory pain. <i>European Journal of Pain</i> , 2011 , 15, 801.e1-12	3.7	33
102	Heme oxygenase-1 activity after excitotoxic injury: immunohistochemical localization of bilirubin in neurons and astrocytes and deleterious effects of heme oxygenase inhibition on neuronal survival after kainate treatment. <i>Journal of Neuroscience Research</i> , 2005 , 80, 268-78	4.4	33
101	Differential effects of calcium-dependent and calcium-independent phospholipase A(2) inhibitors on kainate-induced neuronal injury in rat hippocampal slices. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 1263-73	7.8	33
100	Early-onset axonal pathology in a novel P301S-Tau transgenic mouse model of frontotemporal lobar degeneration. <i>Neuropathology and Applied Neurobiology</i> , 2015 , 41, 906-25	5.2	32
99	Postnatal Deletion of Fat Storage-inducing Transmembrane Protein 2 (FIT2/FITM2) Causes Lethal Enteropathy. <i>Journal of Biological Chemistry</i> , 2015 , 290, 25686-99	5.4	32
98	Comprehensive gene expression profiling in the prefrontal cortex links immune activation and neutrophil infiltration to antinociception. <i>Journal of Neuroscience</i> , 2012 , 32, 35-45	6.6	31
97	Qi Fu Yin-a Ming Dynasty Prescription for the Treatment of Dementia. <i>Molecular Neurobiology</i> , 2018 , 55, 7389-7400	6.2	30
96	Lipidomic analyses of the mouse brain after antidepressant treatment: evidence for endogenous release of long-chain fatty acids?. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 953-64	5.8	28
95	Apolipoprotein D modulates F2-isoprostane and 7-ketocholesterol formation and has a neuroprotective effect on organotypic hippocampal cultures after kainate-induced excitotoxic injury. <i>Neuroscience Letters</i> , 2009 , 455, 183-6	3.3	28
94	Effects of cholesterol oxidation products on exocytosis. <i>Neuroscience Letters</i> , 2010 , 476, 36-41	3.3	27
93	Stable iron isotope tracing reveals significant brain iron uptake in adult rats. <i>Metallomics</i> , 2013 , 5, 167-73	4.5	26
92	Antinociceptive effect of CNS peroxynitrite scavenger in a mouse model of orofacial pain. <i>Experimental Brain Research</i> , 2008 , 184, 435-8	2.3	26
91	A Flexi-PEGDA Upconversion Implant for Wireless Brain Photodynamic Therapy. <i>Advanced Materials</i> , 2020 , 32, e2001459	24	25
90	Localisation of Formyl-Peptide Receptor 2 in the Rat Central Nervous System and Its Role in Axonal and Dendritic Outgrowth. <i>Neurochemical Research</i> , 2018 , 43, 1587-1598	4.6	25
89	Neuroprotection abilities of cytosolic phospholipase A2 inhibitors in kainic acid-induced neurodegeneration. <i>Current Drug Targets Cardiovascular & Haematological Disorders</i> , 2004 , 4, 85-96		24

88	Changes in cholesterol biosynthetic and transport pathways after excitotoxicity. <i>Journal of Neurochemistry</i> , 2010 , 112, 34-41	6	23
87	Short- and long-term changes in blood miRNA levels after nanogold injection in rats--potential biomarkers of nanoparticle exposure. <i>Biomarkers</i> , 2012 , 17, 750-7	2.6	23
86	A light and electron microscopic study of divalent metal transporter-1 distribution in the rat hippocampus, after kainate-induced neuronal injury. <i>Experimental Neurology</i> , 2002 , 177, 193-201	5.7	23
85	Differential effects of ceramide species on exocytosis in rat PC12 cells. <i>Experimental Brain Research</i> , 2007 , 183, 241-7	2.3	22
84	Role of sphingomyelinases in neurological disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 1725-42	6.4	21
83	Changes in AMPA subunit expression in the mouse brain after chronic treatment with the antidepressant maprotiline: a link between noradrenergic and glutamatergic function?. <i>Experimental Brain Research</i> , 2006 , 170, 448-56	2.3	21
82	Quinacrine abolishes increases in cytoplasmic phospholipase A2 mRNA levels in the rat hippocampus after kainate-induced neuronal injury. <i>Experimental Brain Research</i> , 2003 , 148, 521-4	2.3	21
81	A light and electron microscopic study of the GABA transporter GAT-3 in the monkey basal ganglia and brainstem. <i>Journal of Neurocytology</i> , 2000 , 29, 595-603		21
80	Clinacanthus nutans Protects Cortical Neurons Against Hypoxia-Induced Toxicity by Downregulating HDAC1/6. <i>NeuroMolecular Medicine</i> , 2016 , 18, 274-82	4.6	21
79	Effects of Antimalarial Drugs on Neuroinflammation-Potential Use for Treatment of COVID-19-Related Neurologic Complications. <i>Molecular Neurobiology</i> , 2021 , 58, 106-117	6.2	21
78	Immunocytochemical localization of apolipoprotein D in oligodendrocyte precursor-like cells, perivascular cells, and pericytes in the human cerebral cortex. <i>Journal of Neurocytology</i> , 2001 , 30, 209-18		20
77	Brain isoprenoids farnesyl pyrophosphate and geranylgeranyl pyrophosphate are increased in aged mice. <i>Molecular Neurobiology</i> , 2012 , 46, 179-85	6.2	19
76	Elevated oxidative stress, iron accumulation around microvessels and increased 4-hydroxynonenal immunostaining in zone 1 of the liver acinus in hypercholesterolemic rabbits. <i>Free Radical Research</i> , 2009 , 43, 241-9	4	19
75	Distribution of Alox15 in the Rat Brain and Its Role in Prefrontal Cortical Resolvin D1 Formation and Spatial Working Memory. <i>Molecular Neurobiology</i> , 2018 , 55, 1537-1550	6.2	18
74	Pleotropic Roles of Autotaxin in the Nervous System Present Opportunities for the Development of Novel Therapeutics for Neurological Diseases. <i>Molecular Neurobiology</i> , 2020 , 57, 372-392	6.2	18
73	YY-1224, a terpene trilactone-strengthened Ginkgo biloba, attenuates neurodegenerative changes induced by Amyloid (1-42) or double transgenic overexpression of APP and PS1 via inhibition of cyclooxygenase-2. <i>Journal of Neuroinflammation</i> , 2017 , 14, 94	10.1	17
72	Expression and localisation of brain-type organic cation transporter (BOCT/24p3R/LCN2R) in the normal rat hippocampus and after kainate-induced excitotoxicity. <i>Neurochemistry International</i> , 2015 , 87, 43-59	4.4	17
71	P2 purinoceptor blocker suramin antagonises NMDA receptors and protects against excitatory behaviour caused by NMDA receptor agonist (RS)-(tetrazol-5-yl)-glycine in rats. <i>Journal of Neuroscience Research</i> , 1997 , 49, 627-38	4.4	17

70	Increased iron staining in the cerebral cortex of cholesterol fed rabbits. <i>Mechanisms of Ageing and Development</i> , 2004 , 125, 305-13	5.6	17
69	Differential effects of lysophospholipids on exocytosis in rat PC12 cells. <i>Journal of Neural Transmission</i> , 2010 , 117, 301-8	4.3	16
68	Apolipoprotein D in the Niemann-Pick type C disease mouse brain: an ultrastructural immunocytochemical analysis. <i>Journal of Neurocytology</i> , 2002 , 31, 121-9		16
67	Clinacanthus nutans Mitigates Neuronal Apoptosis and Ischemic Brain Damage Through Augmenting the C/EBP β -Driven PPAR- α Transcription. <i>Molecular Neurobiology</i> , 2018 , 55, 5425-5438	6.2	15
66	The phospholipase A2 inhibitor quinacrine prevents increased immunoreactivity to cytoplasmic phospholipase A2 (cPLA2) and hydroxynonenal (HNE) in neurons of the lateral septum following fimbria-fornix transection. <i>Experimental Brain Research</i> , 2001 , 138, 500-8	2.3	15
65	Neuronal Activity-Induced Sterol Regulatory Element Binding Protein-1 (SREBP1) is Disrupted in Dysbindin-Null Mice-Potential Link to Cognitive Impairment in Schizophrenia. <i>Molecular Neurobiology</i> , 2017 , 54, 1699-1709	6.2	14
64	Ceruloplasmin is an endogenous protectant against kainate neurotoxicity. <i>Free Radical Biology and Medicine</i> , 2015 , 84, 355-372	7.8	14
63	Global gene expression analysis in the mouse brainstem after hyperalgesia induced by facial carrageenan injection--evidence for a form of neurovascular coupling?. <i>Pain</i> , 2009 , 142, 133-41	8	14
62	Localization of the transcription factor, sterol regulatory element binding protein-2 (SREBP-2) in the normal rat brain and changes after kainate-induced excitotoxic injury. <i>Journal of Chemical Neuroanatomy</i> , 2009 , 37, 71-7	3.2	14
61	Expression, activity, and role of serine palmitoyltransferase in the rat hippocampus after kainate injury. <i>Journal of Neuroscience Research</i> , 2007 , 85, 423-32	4.4	14
60	Effects of intracerebroventricular injections of free fatty acids, lysophospholipids, or platelet activating factor in a mouse model of orofacial pain. <i>Experimental Brain Research</i> , 2006 , 174, 781-5	2.3	14
59	Activation of sphingosine 1-phosphate receptor 2 attenuates chemotherapy-induced neuropathy. <i>Journal of Biological Chemistry</i> , 2020 , 295, 1143-1152	5.4	14
58	Effect of Ergothioneine on 7-Ketocholesterol-Induced Endothelial Injury. <i>NeuroMolecular Medicine</i> , 2021 , 23, 184-198	4.6	14
57	Differential effects of polyunsaturated fatty acids on membrane capacitance and exocytosis in rat pheochromocytoma-12 cells. <i>Neurochemical Research</i> , 2006 , 31, 41-8	4.6	13
56	Lysophosphatidic acid and its receptor LPA mediate carrageenan induced inflammatory pain in mice. <i>European Journal of Pharmacology</i> , 2018 , 841, 49-56	5.3	13
55	Anti-allodynic effect of intracerebroventricularly administered antioxidant and free radical scavenger in a mouse model of orofacial pain. <i>Journal of Orofacial Pain</i> , 2009 , 23, 167-73		13
54	Changes in cytochrome P450 side chain cleavage expression in the rat hippocampus after kainate injury. <i>Experimental Brain Research</i> , 2008 , 186, 143-9	2.3	12
53	Ultrastructural Characteristics of DHA-Induced Pyroptosis. <i>NeuroMolecular Medicine</i> , 2020 , 22, 293-303	4.6	12

52	Lewy Body-like Inclusions in Human Midbrain Organoids Carrying Glucocerebrosidase and β Synuclein Mutations. <i>Annals of Neurology</i> , 2021 , 90, 490-505	9.4	12
51	Enriched Expression of Neutral Sphingomyelinase 2 in the Striatum is Essential for Regulation of Lipid Raft Content and Motor Coordination. <i>Molecular Neurobiology</i> , 2018 , 55, 5741-5756	6.2	11
50	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
49	Role of prefrontal cortical calcium independent phospholipase A β in antidepressant-like effect of maprotiline. <i>International Journal of Neuropsychopharmacology</i> , 2012 , 15, 1087-98	5.8	11
48	A nuclear microscopic and histochemical study of iron concentrations and distribution in the midbrain of two age groups of monkeys unilaterally injected with MPTP. <i>Experimental Neurology</i> , 2003 , 184, 947-54	5.7	11
47	Distribution of ferritin in the rat hippocampus after kainate-induced neuronal injury. <i>Experimental Brain Research</i> , 2005 , 161, 502-11	2.3	11
46	Role of calcium-independent phospholipase A2 in cortex striatum thalamus cortex circuitry-enzyme inhibition causes vacuous chewing movements in rats. <i>Psychopharmacology</i> , 2007 , 195, 387-95	4.7	10
45	Kainate-induced neuronal injury leads to persistent phosphorylation of cAMP response element-binding protein in glial and endothelial cells in the hippocampus. <i>Experimental Brain Research</i> , 2000 , 131, 178-86	2.3	10
44	Potential Therapeutic Applications for Inhibitors of Autotaxin, a Bioactive Lipid-Producing Lysophospholipase D, in Disorders Affecting the Nervous System. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 398-400	5.7	8
43	Distribution of secretory phospholipase A2 X1IA in the brain and its role in lipid metabolism and cognition. <i>Molecular Neurobiology</i> , 2014 , 50, 60-75	6.2	8
42	Role of constitutive calcium-independent phospholipase A2 beta in hippocampo-prefrontal cortical long term potentiation and spatial working memory. <i>Neurochemistry International</i> , 2014 , 78, 96-104	4.4	8
41	The Analgesic and Anxiolytic Effect of Souvenaid, a Novel Nutraceutical, Is Mediated by Alox15 Activity in the Prefrontal Cortex. <i>Molecular Neurobiology</i> , 2017 , 54, 6032-6045	6.2	8
40	Comprehensive gene expression profiling reveals synergistic functional networks in cerebral vessels after hypertension or hypercholesterolemia. <i>PLoS ONE</i> , 2013 , 8, e68335	3.7	8
39	Role of calcium independent phospholipase A2 in maintaining mitochondrial membrane potential and preventing excessive exocytosis in PC12 cells. <i>Neurochemical Research</i> , 2011 , 36, 347-54	4.6	8
38	Expression profile of multiple secretory phospholipase A(2) isoforms in the rat CNS: enriched expression of sPLA(2)-IIA in brainstem and spinal cord. <i>Journal of Chemical Neuroanatomy</i> , 2010 , 39, 242-372		8
37	A light and electron microscopic study of glutamate receptors in the monkey subthalamic nucleus. <i>Journal of Neurocytology</i> , 2000 , 29, 743-54		8
36	Metabolism of Docosahexaenoic Acid (DHA) Induces Pyroptosis in BV-2 Microglial Cells. <i>NeuroMolecular Medicine</i> , 2018 , 20, 504-514	4.6	8
35	Epigenetic Regulation of Cytosolic Phospholipase A2 in SH-SY5Y Human Neuroblastoma Cells. <i>Molecular Neurobiology</i> , 2016 , 53, 3854-3872	6.2	7

34	Global gene expression changes in the prefrontal cortex of rabbits with hypercholesterolemia and/or hypertension. <i>Neurochemistry International</i> , 2017 , 102, 33-56	4.4	7
33	Kainate receptors mediate regulated exocytosis of secretory phospholipase A(2) in SH-SY5Y neuroblastoma cells. <i>NeuroSignals</i> , 2012 , 20, 72-85	1.9	7
32	Injury and recovery of pyramidal neurons in the rat hippocampus after a single episode of oxidative stress induced by intracerebroventricular injection of ferrous ammonium citrate. <i>Reproduction, Nutrition, Development</i> , 2005 , 45, 647-62		7
31	Expression of DHA-Metabolizing Enzyme Alox15 is Regulated by Selective Histone Acetylation in Neuroblastoma Cells. <i>Neurochemical Research</i> , 2018 , 43, 540-555	4.6	7
30	Sphingolipidomics analysis of large clinical cohorts. Part 2: Potential impact and applications. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 504, 602-607	3.4	6
29	Comprehensive gene expression analyses of the rat prefrontal cortex after oxysterol treatment. <i>Journal of Neurochemistry</i> , 2013 , 124, 770-81	6	6
28	Role of phospholipase A(2) in prepulse inhibition of the auditory startle reflex in rats. <i>Neuroscience Letters</i> , 2009 , 453, 6-8	3.3	6
27	Induction of astrocytic cytoplasmic phospholipase A2 and neuronal death after intracerebroventricular carrageenan injection, and neuroprotective effects of quinacrine. <i>Experimental Neurology</i> , 2003 , 183, 449-57	5.7	6
26	Docosahexaenoic acid and L-Carnitine prevent ATP loss in SH-SY5Y neuroblastoma cells after exposure to silver nanoparticles. <i>Environmental Toxicology</i> , 2016 , 31, 224-32	4.2	5
25	Brain lipid changes after repetitive transcranial magnetic stimulation: potential links to therapeutic effects?. <i>Metabolomics</i> , 2012 , 8, 19-33	4.7	5
24	Anti-inflammatory and Cytoprotective Effect of Clinacanthus nutans Leaf But Not Stem Extracts on 7-Ketocholesterol Induced Brain Endothelial Cell Injury. <i>NeuroMolecular Medicine</i> , 2021 , 23, 176-183	4.6	5
23	Regulation of Calcium-Independent Phospholipase A2 Expression by Adrenoceptors and Sterol Regulatory Element Binding Protein-Potential Crosstalk Between Sterol and Glycerophospholipid Mediators. <i>Molecular Neurobiology</i> , 2016 , 53, 500-517	6.2	4
22	Oxidative stress reduces levels of dysbindin-1A via its PEST domain. <i>Neurochemistry International</i> , 2014 , 79, 65-9	4.4	4
21	Expression and localization of sPLA2-III in the rat CNS. <i>Neurochemical Research</i> , 2013 , 38, 753-60	4.6	4
20	Role of prefrontal cortical calcium-independent phospholipase A in antinociceptive effect of the norepinephrine reuptake inhibitor antidepressant maprotiline. <i>Neuroscience</i> , 2017 , 340, 91-100	3.9	4
19	Role of formyl peptide receptor 2 (FPR2) in the normal brain and in neurological conditions. <i>Neural Regeneration Research</i> , 2019 , 14, 2071-2072	4.5	4
18	The noncanonical chronicles: Emerging roles of sphingolipid structural variants. <i>Cellular Signalling</i> , 2021 , 79, 109890	4.9	3
17	The S1P receptor regulates blood-brain barrier integrity and leukocyte extravasation with implications for neurodegenerative disease. <i>Neurochemistry International</i> , 2021 , 146, 105018	4.4	3

16	Preclinical and Clinical Evidence for the Involvement of Sphingosine 1-Phosphate Signaling in the Pathophysiology of Vascular Cognitive Impairment. <i>NeuroMolecular Medicine</i> , 2021 , 23, 47-67	4.6	3
15	Use of Phytochemicals against Neuroinflammation 2017 , 1-41		2
14	Differential regulation of cPLA2 and iPLA2 expression in the brain. <i>Frontiers in Biology</i> , 2012 , 7, 514-521		2
13	Glutamate Receptors and Neurological Disorders 2008 , 161-203		1
12	Glutamate Receptors and Their Association with Other Neurochemical Parameters in Excitotoxicity 2008 , 105-136		1
11	Iron and Epilepsy 2003 , 365-398		1
10	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
9	Loss of FEZ1, a gene deleted in Jacobsen syndrome, causes locomotion defects and early mortality by impairing motor neuron development. <i>Human Molecular Genetics</i> , 2021 , 30, 5-20	5.6	1
8	P2 purinoceptor blocker suramin antagonises NMDA receptors and protects against excitatory behaviour caused by NMDA receptor agonist (RS)-(tetrazol-5-yl)-glycine in rats 1997 , 49, 627		1
7	Possible Mechanisms of Neural Injury Caused by Glutamate and Its Receptors 2008 , 137-160		1
6	ACE2, Circumventricular Organs and the Hypothalamus, and COVID-19. 2022 , 1		1
5	Anti-Inflammatory Effects of Phytochemical Components of Clinacanthus nutans. <i>Molecules</i> , 2022 , 27, 3607	4.8	0
4	Endogenous Antioxidant Mechanisms and Glutamate Neurotoxicity 2008 , 205-240		
3	Excitatory Amino Acid Receptors in Brain 2008 , 21-35		
2	Excitatory Amino Acid Receptors and Their Association with Neural Membrane Glycerophospholipid Metabolism 2008 , 75-103		
1	Photodynamic Therapy: A Flexi-PEGDA Upconversion Implant for Wireless Brain Photodynamic Therapy (Adv. Mater. 29/2020). <i>Advanced Materials</i> , 2020 , 32, 2070219		24