

Inderjit Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7666488/publications.pdf>

Version: 2024-02-01

205
papers

10,915
citations

22548

61
h-index

46524

93
g-index

213
all docs

213
docs citations

213
times ranked

11337
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective effects of Alda-1 mitigate spinal cord injury in mice: involvement of Alda-1-induced ALDH2 activation-mediated suppression of reactive aldehyde mechanisms. <i>Neural Regeneration Research</i> , 2022, 17, 185.	1.6	7
2	Asymmetric dimethylarginine-induced oxidative damage leads to cerebrovascular dysfunction. <i>Neural Regeneration Research</i> , 2021, 16, 1793.	1.6	1
3	NAC and Vitamin D Restore CNS Glutathione in Endotoxin-Sensitized Neonatal Hypoxic-Ischemic Rats. <i>Antioxidants</i> , 2021, 10, 489.	2.2	7
4	Detoxification of Reactive Aldehydes by Alda-1 Treatment Ameliorates Experimental Autoimmune Encephalomyelitis in Mice. <i>Neuroscience</i> , 2021, 458, 31-42.	1.1	8
5	Hypoxia-inducible factor-1 drives divergent immunomodulatory functions in the pathogenesis of autoimmune diseases. <i>Immunology</i> , 2021, 164, 31-42.	2.0	20
6	GSNOR and ALDH2 alleviate traumatic spinal cord injury. <i>Brain Research</i> , 2021, 1758, 147335.	1.1	3
7	Vascular and immunopathological role of Asymmetric Dimethylarginine (ADMA) in Experimental Autoimmune Encephalomyelitis. <i>Immunology</i> , 2021, 164, 602-616.	2.0	4
8	Regulation of B cell functions by S-nitrosoglutathione in the EAE model. <i>Redox Biology</i> , 2021, 45, 102053.	3.9	11
9	Peroxisomal footprint in the pathogenesis of nonalcoholic steatohepatitis. <i>Annals of Hepatology</i> , 2020, 19, 466-471.	0.6	9
10	Targeting GSNOR for functional recovery in a middle-aged mouse model of stroke. <i>Brain Research</i> , 2020, 1741, 146879.	1.1	5
11	Investigation of S-Nitrosoglutathione in stroke: A systematic review and meta-analysis of literature in pre-clinical and clinical research. <i>Experimental Neurology</i> , 2020, 328, 113262.	2.0	6
12	Asymmetric dimethylarginine exacerbates cognitive dysfunction associated with cerebrovascular pathology. <i>FASEB Journal</i> , 2020, 34, 6808-6823.	0.2	11
13	S-Nitrosoglutathione Mimics the Beneficial Activity of Endothelial Nitric Oxide Synthase-Derived Nitric Oxide in a Mouse Model of Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104470.	0.7	10
14	Regulation of endothelial barrier integrity by redox-dependent nitric oxide signaling: Implication in traumatic and inflammatory brain injuries. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 83, 51-64.	1.2	12
15	Therapeutic exploitation of the S-nitrosoglutathione/S-nitrosylation mechanism for the treatment of contusion spinal cord injury. <i>Neural Regeneration Research</i> , 2019, 14, 973.	1.6	5
16	Abstract TP105: Investigation of S-nitrosoglutathione in Stroke: A Systematic Review of Literature in Pre-Clinical and Clinical Research. <i>Stroke</i> , 2019, 50, .	1.0	0
17	Combination therapy of lovastatin and AMP-activated protein kinase activator improves mitochondrial and peroxisomal functions and clinical disease in experimental autoimmune encephalomyelitis model. <i>Immunology</i> , 2018, 154, 434-451.	2.0	20
18	S-nitrosoglutathione reductase (GSNOR) inhibitor as an immune modulator in experimental autoimmune encephalomyelitis. <i>Free Radical Biology and Medicine</i> , 2018, 121, 57-68.	1.3	17

#	ARTICLE	IF	CITATIONS
19	GSNO promotes functional recovery in experimental TBI by stabilizing HIF-1 α . Behavioural Brain Research, 2018, 340, 63-70.	1.2	23
20	Pathology of nNOS-Expressing GABAergic Neurons in Mouse Model of Alzheimer's Disease. Neuroscience, 2018, 384, 41-53.	1.1	21
21	Protective effect of S-nitrosoglutathione administration against hyperglycemia induced disruption of blood brain barrier is mediated by modulation of tight junction proteins and cell adhesion molecules. Neurochemistry International, 2018, 118, 205-216.	1.9	12
22	Regulation of IL-10 and IL-17 mediated experimental autoimmune encephalomyelitis by S-nitrosoglutathione. Immunobiology, 2018, 223, 549-554.	0.8	10
23	Combined treatment with GSNO and CAPE accelerates functional recovery via additive antioxidant activities in a mouse model of TBI. Journal of Neuroscience Research, 2018, 96, 1900-1913.	1.3	10
24	Amelioration of spinal cord injury in rats by blocking peroxynitrite/calpain activity. BMC Neuroscience, 2018, 19, 50.	0.8	10
25	S-Nitrosylation in Regulation of Inflammation and Cell Damage. Current Drug Targets, 2018, 19, 1831-1838.	1.0	9
26	MicroRNA Profiling Identifies miR-196a as Differentially Expressed in Childhood Adrenoleukodystrophy and Adult Adrenomyeloneuropathy. Molecular Neurobiology, 2017, 54, 1392-1403.	1.9	10
27	Regulation of STAT3 and NF- κ B activations by S-nitrosylation in multiple myeloma. Free Radical Biology and Medicine, 2017, 106, 245-253.	1.3	18
28	Vitamin D improves functional outcomes in neonatal hypoxic ischemic male rats treated with N-acetylcysteine and hypothermia. Neuropharmacology, 2017, 123, 186-200.	2.0	20
29	Hypoxia inducible factor-1 alpha stabilization for regenerative therapy in traumatic brain injury. Neural Regeneration Research, 2017, 12, 696.	1.6	29
30	Sex-specific effects of N-acetylcysteine in neonatal rats treated with hypothermia after severe hypoxia-ischemia. Neuroscience Research, 2016, 108, 24-33.	1.0	34
31	S-Nitrosoglutathione ameliorates acute renal dysfunction in a rat model of lipopolysaccharide-induced sepsis. Journal of Pharmacy and Pharmacology, 2016, 68, 1310-1319.	1.2	19
32	Cardiovascular Disease, Statins, and HIV. Journal of Infectious Diseases, 2016, 214, S83-S92.	1.9	25
33	Biochemical, cell biological, pathological, and therapeutic aspects of Krabbe's disease. Journal of Neuroscience Research, 2016, 94, 990-1006.	1.3	42
34	Targeting the nNOS/peroxynitrite/calpain system to confer neuroprotection and aid functional recovery in a mouse model of TBI. Brain Research, 2016, 1630, 159-170.	1.1	36
35	Inhibition of the AMPK/nNOS pathway for neuroprotection in stroke. Neural Regeneration Research, 2016, 11, 398.	1.6	3
36	STAT3 Regulation By S-Nitrosylation: Implication In Cancer. Redox Biology, 2015, 5, 416-417.	3.9	11

#	ARTICLE	IF	CITATIONS
37	S-Nitrosoglutathione protects the spinal bladder: Novel therapeutic approach to post-spinal cord injury bladder remodeling. <i>Neurourology and Urodynamics</i> , 2015, 34, 519-526.	0.8	14
38	Effect of vitamin D3 intake on the onset of disease in a murine model of human Krabbe disease. <i>Journal of Neuroscience Research</i> , 2015, 93, 28-42.	1.3	14
39	Promoting endothelial function by S-nitrosoglutathione through the HIF-1α/VEGF pathway stimulates neurorepair and functional recovery following experimental stroke in rats. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2233.	2.0	45
40	AKP-11 - A Novel S1P1 Agonist with Favorable Safety Profile Attenuates Experimental Autoimmune Encephalomyelitis in Rat Model of Multiple Sclerosis. <i>PLoS ONE</i> , 2015, 10, e0141781.	1.1	8
41	<scp>ABCD</scp>1 deletionâ€induced mitochondrial dysfunction is corrected by <scp>SAHA</scp>: implication for adrenoleukodystrophy. <i>Journal of Neurochemistry</i> , 2015, 133, 380-396.	2.1	33
42	Blocking a vicious cycle nNOS/peroxynitrite/AMPK by S-nitrosoglutathione: implication for stroke therapy. <i>BMC Neuroscience</i> , 2015, 16, 42.	0.8	32
43	Role of S-nitrosoglutathione mediated mechanisms in tau hyper-phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 214-219.	1.0	14
44	S-nitrosoglutathione-mediated STAT3 regulation in efficacy of radiotherapy and cisplatin therapy in head and neck squamous cell carcinoma. <i>Redox Biology</i> , 2015, 6, 41-50.	3.9	28
45	Oral administration of cytosolic PLA2 inhibitor arachidonyl trifluoromethyl ketone ameliorates cauda equina compression injury in rats. <i>Journal of Neuroinflammation</i> , 2015, 12, 94.	3.1	22
46	S-nitrosoglutathione reduces tau hyper-phosphorylation and provides neuroprotection in rat model of chronic cerebral hypoperfusion. <i>Brain Research</i> , 2015, 1624, 359-369.	1.1	10
47	<i>S</i>â€nitrosoglutathione prevents bloodâ€brain barrier disruption associated with increased matrix metalloproteinaseâ€9 activity in experimental diabetes. <i>Journal of Neurochemistry</i> , 2015, 132, 595-608.	2.1	29
48	Functional Characterization of iPSC-Derived Brain Cells as a Model for X-Linked Adrenoleukodystrophy. <i>PLoS ONE</i> , 2015, 10, e0143238.	1.1	21
49	An NO/GSNO-based Neuroregeneration Strategy for Stroke Therapy. <i>Journal of Neurology and Neuroscience</i> , 2015, 6, .	0.4	4
50	STAT3 Regulation by S-Nitrosylation: Implication for Inflammatory Disease. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2514-2527.	2.5	80
51	PPAR α Activation Induces <i>N</i>^{Îµ}â€Lysâ€Acetylation of Rat Liver Peroxisomal Multifunctional Enzyme Type 1. <i>Lipids</i> , 2014, 49, 119-131.	0.7	1
52	AMP-Activated Protein Kinase Signaling Protects Oligodendrocytes that Restore Central Nervous System Functions in an Experimental Autoimmune Encephalomyelitis Model. <i>American Journal of Pathology</i> , 2013, 183, 526-541.	1.9	50
53	Simvastatin Ameliorates Cauda Equina Compression Injury in a Rat Model of Lumbar Spinal Stenosis. <i>Journal of Neuroimmune Pharmacology</i> , 2013, 8, 274-286.	2.1	18
54	S-Nitrosoglutathione Induces Ciliary Neurotrophic Factor Expression in Astrocytes, Which Has Implications to Protect the Central Nervous System under Pathological Conditions. <i>Journal of Biological Chemistry</i> , 2013, 288, 3831-3843.	1.6	31

#	ARTICLE	IF	CITATIONS
55	Role of endogenous psychosine accumulation in oligodendrocyte differentiation and survival: Implication for Krabbe disease. <i>Brain Research</i> , 2013, 1508, 44-52.	1.1	37
56	Caffeic acid phenethyl ester induces adrenoleukodystrophy (Abcd2) gene in human X-ALD fibroblasts and inhibits the proinflammatory response in Abcd1/2 silenced mouse primary astrocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 747-758.	1.2	15
57	Modulation of RhoA/Rock signaling pathway protects oligodendrocytes against cytokine toxicity via PPAR α -dependent mechanism. <i>Glia</i> , 2013, 61, 1500-1517.	2.5	36
58	Protective Role of S-Nitrosoglutathione (GSNO) Against Cognitive Impairment in Rat Model of Chronic Cerebral Hypoperfusion. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 621-635.	1.2	52
59	Histone Deacetylase Inhibitor Upregulates Peroxisomal Fatty Acid Oxidation and Inhibits Apoptotic Cell Death in Abcd1-Deficient Glial Cells. <i>PLoS ONE</i> , 2013, 8, e70712.	1.1	15
60	Combinatorial Effect of Metformin and Lovastatin Impedes T-cell Autoimmunity and Neurodegeneration in Experimental Autoimmune Encephalomyelitis. <i>Journal of Clinical & Cellular Immunology</i> , 2013, 04, .	1.5	21
61	Stimulation of functional recovery via the mechanisms of neurorepair by S-nitrosoglutathione and motor exercise in a rat model of transient cerebral ischemia and reperfusion. <i>Restorative Neurology and Neuroscience</i> , 2012, 30, 383-396.	0.4	49
62	Interference with RhoA/Rock Signaling Mechanism in Autoreactive CD4+ T Cells Enhances the Bioavailability of 1,25-Dihydroxyvitamin D ₃ in Experimental Autoimmune Encephalomyelitis. <i>American Journal of Pathology</i> , 2012, 181, 993-1006.	1.9	20
63	The inhibitory effect of S-nitrosoglutathione on blood-brain barrier disruption and peroxynitrite formation in a rat model of experimental stroke. <i>Journal of Neurochemistry</i> , 2012, 123, 86-97.	2.1	62
64	S-Nitrosoglutathione Administration Ameliorates Cauda Equina Compression Injury in Rats. <i>Neuroscience and Medicine</i> , 2012, 03, 294-305.	0.2	12
65	N-acetylcysteine attenuates the maternal and fetal proinflammatory response to intrauterine LPS injection in an animal model for preterm birth and brain injury. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 732-740.	0.7	33
66	Synergistic activity of interleukin-17 and tumor necrosis factor- α enhances oxidative stress-mediated oligodendrocyte apoptosis. <i>Journal of Neurochemistry</i> , 2011, 116, 508-521.	2.1	87
67	S-Nitrosoglutathione reduces oxidative injury and promotes mechanisms of neurorepair following traumatic brain injury in rats. <i>Journal of Neuroinflammation</i> , 2011, 8, 78.	3.1	89
68	Preclinical use of longitudinal MRI for screening the efficacy of S-nitrosoglutathione in treating spinal cord injury. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 1301-1311.	1.9	25
69	HDAC inhibitor SAHA normalizes the levels of VLCFAs in human skin fibroblasts from X-ALD patients and downregulates the expression of proinflammatory cytokines in Abcd1/2-silenced mouse astrocytes. <i>Journal of Lipid Research</i> , 2011, 52, 2056-2069.	2.0	29
70	Pathomechanisms Underlying X-Adrenoleukodystrophy: A Three-Hit Hypothesis. <i>Brain Pathology</i> , 2010, 20, 838-844.	2.1	116
71	S-nitrosoglutathione a Physiologic Nitric Oxide Carrier Attenuates Experimental Autoimmune Encephalomyelitis. <i>Journal of NeuroImmune Pharmacology</i> , 2010, 5, 240-251.	2.1	49
72	Activation of PPAR α and PTEN cascade participates in lovastatin-mediated accelerated differentiation of oligodendrocyte progenitor cells. <i>Glia</i> , 2010, 58, 1669-1685.	2.5	39

#	ARTICLE	IF	CITATIONS
73	Simvastatin protects bladder and renal functions following spinal cord injury in rats. <i>Journal of Inflammation</i> , 2010, 7, 17.	1.5	23
74	Very long-chain fatty acid accumulation causes lipotoxic response via 5-lipoxygenase in cerebral adrenoleukodystrophy. <i>Journal of Lipid Research</i> , 2010, 51, 1685-1695.	2.0	36
75	Factors that affect postnatal bone growth retardation in the twitcher murine model of Krabbe disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 601-608.	1.8	12
76	Involvement of AMP-activated-protein-kinase (AMPK) in neuronal amyloidogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2010, 399, 487-491.	1.0	71
77	Metformin Attenuated the Autoimmune Disease of the Central Nervous System in Animal Models of Multiple Sclerosis. <i>Journal of Immunology</i> , 2009, 182, 8005-8014.	0.4	304
78	Peroxisomal Dysfunction in Inflammatory Childhood White Matter Disorders: An Unexpected Contributor to Neuropathology. <i>Journal of Child Neurology</i> , 2009, 24, 1147-1157.	0.7	29
79	Silencing of Abcd1 and Abcd2 genes sensitizes astrocytes for inflammation: implication for X-adrenoleukodystrophy. <i>Journal of Lipid Research</i> , 2009, 50, 135-147.	2.0	60
80	Neuroprotective Interventions: Is It Too Late?. <i>Journal of Child Neurology</i> , 2009, 24, 1212-1219.	0.7	16
81	Combination therapy of lovastatin and rolipram provides neuroprotection and promotes neurorepair in inflammatory demyelination model of multiple sclerosis. <i>Glia</i> , 2009, 57, 182-193.	2.5	52
82	Loss of AMPK exacerbates experimental autoimmune encephalomyelitis disease severity. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 16-20.	1.0	64
83	Reduction of lipoxidative load by secretory phospholipase A2 inhibition protects against neurovascular injury following experimental stroke in rat. <i>Journal of Neuroinflammation</i> , 2009, 6, 21.	3.1	40
84	Administration of S-nitrosoglutathione after traumatic brain injury protects the neurovascular unit and reduces secondary injury in a rat model of controlled cortical impact. <i>Journal of Neuroinflammation</i> , 2009, 6, 32.	3.1	127
85	15-deoxy-delta12,14-prostaglandin J2 attenuates endothelial-monocyte interaction: implication for inflammatory diseases. <i>Journal of Inflammation</i> , 2008, 5, 14.	1.5	20
86	Modulation of peroxisome proliferator-activated receptor- α activity by N-acetyl cysteine attenuates inhibition of oligodendrocyte development in lipopolysaccharide stimulated mixed glial cultures. <i>Journal of Neurochemistry</i> , 2008, 105, 956-970.	2.1	35
87	The role of AMPK in psychosine mediated effects on oligodendrocytes and astrocytes: implication for Krabbe Disease. <i>Journal of Neurochemistry</i> , 2008, 105, 1820-1833.	2.1	68
88	Lovastatin inhibits amyloid precursor protein (APP) β -cleavage through reduction of APP distribution in Lubrol WX extractable low density lipid rafts. <i>Journal of Neurochemistry</i> , 2008, 105, 1536-1549.	2.1	37
89	Plasmalogen deficiency in cerebral adrenoleukodystrophy and its modulation by lovastatin. <i>Journal of Neurochemistry</i> , 2008, 106, 1766-1779.	2.1	69
90	Oxidative Imbalance in Nonstimulated X-Adrenoleukodystrophy-Derived Lymphoblasts. <i>Developmental Neuroscience</i> , 2008, 30, 410-418.	1.0	40

#	ARTICLE	IF	CITATIONS
91	Statin inhibits kainic acid-induced seizure and associated inflammation and hippocampal cell death. <i>Neuroscience Letters</i> , 2008, 440, 260-264.	1.0	92
92	Psychosine-induced alterations in peroxisomes of twitcher mouse liver. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 211-218.	1.4	15
93	Lipopolysaccharide-induced peroxisomal dysfunction exacerbates cerebral white matter injury: Attenuation by N-acetyl cysteine. <i>Experimental Neurology</i> , 2008, 210, 560-576.	2.0	81
94	Combined medication of lovastatin with rolipram suppresses severity of experimental autoimmune encephalomyelitis. <i>Experimental Neurology</i> , 2008, 214, 168-180.	2.0	33
95	Inhibition of Rho Family Functions by Lovastatin Promotes Myelin Repair in Ameliorating Experimental Autoimmune Encephalomyelitis. <i>Molecular Pharmacology</i> , 2008, 73, 1381-1393.	1.0	64
96	Attenuation of Lipopolysaccharide-Induced Inflammatory Response and Phospholipids Metabolism at the Feto-Maternal Interface by N-Acetyl Cysteine. <i>Pediatric Research</i> , 2008, 64, 334-339.	1.1	35
97	Therapeutic potential of statins in multiple sclerosis: immune modulation, neuroprotection and neurorepair. <i>Future Neurology</i> , 2008, 3, 153-167.	0.9	25
98	Metformin, a diabetic drug attenuated autoimmune inflammatory disease of CNS in animal models of multiple sclerosis. <i>FASEB Journal</i> , 2008, 22, 1074.7.	0.2	0
99	Lysine acetylation: a new protein modification in PPAR α agonist induced peroxisomes. <i>FASEB Journal</i> , 2008, 22, 1026.10.	0.2	0
100	GSNO attenuates EAE disease by S-nitrosylation-mediated modulation of endothelial-monocyte interactions. <i>Glia</i> , 2007, 55, 65-77.	2.5	83
101	Caffeic acid phenethyl ester reduces neurovascular inflammation and protects rat brain following transient focal cerebral ischemia. <i>Journal of Neurochemistry</i> , 2007, 102, 365-377.	2.1	97
102	Lactosylceramide: a lipid second messenger in neuroinflammatory disease. <i>Journal of Neurochemistry</i> , 2007, 103, 180-191.	2.1	47
103	Hepatic toxicity in twitcher mice: effect on peroxisomes. <i>FASEB Journal</i> , 2007, 21, .	0.2	0
104	Tumor Necrosis Factor α regulates lactosylceramide synthesis via activation of Protein Kinase C: A novel function of Gi α -linked sphingosine 1 -phosphate receptor. <i>FASEB Journal</i> , 2007, 21, A604.	0.2	0
105	Immunomodulatory Effect of Combination Therapy with Lovastatin and 5-Aminoimidazole-4-Carboxamide-1- β -D-Ribofuranoside Alleviates Neurodegeneration in Experimental Autoimmune Encephalomyelitis. <i>American Journal of Pathology</i> , 2006, 169, 1012-1025.	1.9	41
106	Inhibition of NF-kappaB activation by 5-lipoxygenase inhibitors protects brain against injury in a rat model of focal cerebral ischemia. <i>Journal of Neuroinflammation</i> , 2006, 3, 12.	3.1	82
107	Molecular organization of peroxisomal enzymes: Protein α -protein interactions in the membrane and in the matrix. <i>Archives of Biochemistry and Biophysics</i> , 2006, 451, 128-140.	1.4	20
108	Dysfunction of peroxisomes in twitcher mice brain: A possible mechanism of psychosine-induced disease. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 229-238.	1.0	38

#	ARTICLE	IF	CITATIONS
109	Pharmacological strategies for the regulation of inducible nitric oxide synthase: Neurodegenerative versus neuroprotective mechanisms. <i>Neurochemistry International</i> , 2006, 49, 170-182.	1.9	169
110	Cerebrovascular protection by various nitric oxide donors in rats after experimental stroke. <i>Nitric Oxide - Biology and Chemistry</i> , 2006, 15, 114-124.	1.2	95
111	Post-trauma Lipitor treatment prevents endothelial dysfunction, facilitates neuroprotection, and promotes locomotor recovery following spinal cord injury. <i>Journal of Neurochemistry</i> , 2006, 101, 182-200.	2.1	82
112	T-bet is essential for the progression of experimental autoimmune encephalomyelitis. <i>Immunology</i> , 2006, 118, 384-391.	2.0	72
113	Sphingolipid signaling and redox regulation. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1875-1888.	1.3	121
114	Immunomodulatory effects of 3-hydroxy-3-methylglutaryl coenzyme-A reductase inhibitors, potential therapy for relapsing remitting multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2006, 178, 130-139.	1.1	40
115	5-aminoimidazole-4-carboxamide-1-beta-4-ribofuranoside attenuates experimental autoimmune encephalomyelitis via modulation of endothelial-monocyte interaction. <i>Journal of Neuroscience Research</i> , 2006, 84, 614-625.	1.3	67
116	Combination of Systemic Hypothermia and N-acetylcysteine Attenuates Hypoxic-Ischemic Brain Injury in Neonatal Rats. <i>Pediatric Research</i> , 2006, 59, 684-689.	1.1	112
117	IL-4-Induced Peroxisome Proliferator-Activated Receptor δ Activation Inhibits NF- κ B Activation in Central Nervous System (CNS) Glial Cells and Protects Oligodendrocyte Progenitors under Neuroinflammatory Disease Conditions: Implication for CNS-Demyelinating Diseases. <i>Journal of Immunology</i> , 2006, 176, 4385-4398.	0.4	70
118	Inhibition of phosphoinositide 3 kinase-Akt (protein kinase B)-nuclear factor-kappaB pathway by lovastatin limits endothelial-monocyte cell interaction. <i>Journal of Neurochemistry</i> , 2005, 94, 204-214.	2.1	50
119	S-Nitrosoglutathione Reduces Inflammation and Protects Brain against Focal Cerebral Ischemia in a Rat Model of Experimental Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 177-192.	2.4	150
120	Involvement of phospholipase A2 and lipoxygenase in lipopolysaccharide-induced inducible nitric oxide synthase expression in glial cells. <i>Glia</i> , 2005, 51, 13-21.	2.5	26
121	Attenuation of acute inflammatory response by atorvastatin after spinal cord injury in rats. <i>Journal of Neuroscience Research</i> , 2005, 79, 340-350.	1.3	116
122	Peroxisomal participation in psychosine-mediated toxicity: Implications for Krabbe's disease. <i>Journal of Neuroscience Research</i> , 2005, 80, 845-854.	1.3	54
123	HMG-CoA reductase inhibitor augments survival and differentiation of oligodendrocyte progenitors in animal model of multiple sclerosis. <i>FASEB Journal</i> , 2005, 19, 1407-1421.	0.2	100
124	5-Aminoimidazole-4-Carboxamide Ribonucleoside: A Novel Immunomodulator with Therapeutic Efficacy in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2005, 175, 566-574.	0.4	128
125	A Novel Role of Lactosylceramide in the Regulation of Tumor Necrosis Factor α -mediated Proliferation of Rat Primary Astrocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 13742-13751.	1.6	36
126	N-acetyl-L-cysteine ameliorates the inflammatory disease process in experimental autoimmune encephalomyelitis in Lewis rats. <i>Journal of Autoimmune Diseases</i> , 2005, 2, 4.	1.0	44

#	ARTICLE	IF	CITATIONS
127	Adenosine kinase inhibitor attenuates the expression of inducible nitric oxide synthase in glial cells. <i>Neuropharmacology</i> , 2005, 48, 151-160.	2.0	12
128	5-aminoimidazole-4-carboxamide-1-beta-4-ribofuranoside (AICAR) attenuates the expression of LPS- and Abeta peptide-induced inflammatory mediators in astroglia. <i>Journal of Neuroinflammation</i> , 2005, 2, 21.	3.1	39
129	A Novel Role of Lactosylceramide in the Regulation of Lipopolysaccharide/Interferon- γ -Mediated Inducible Nitric Oxide Synthase Gene Expression: Implications for Neuroinflammatory Diseases. <i>Journal of Neuroscience</i> , 2004, 24, 5942-5954.	1.7	68
130	The 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J ₂ Inhibits the Inflammatory Response in Primary Rat Astrocytes via Down-Regulating Multiple Steps in Phosphatidylinositol 3-Kinase-Akt-NF- κ B-p300 Pathway Independent of Peroxisome Proliferator-Activated Receptor β . <i>Journal of Immunology</i> , 2004, 173, 5196-5208.	0.4	128
131	5-Aminoimidazole-4-Carboxamide-1- β -4-Ribofuranoside Inhibits Proinflammatory Response in Glial Cells: A Possible Role of AMP-Activated Protein Kinase. <i>Journal of Neuroscience</i> , 2004, 24, 479-487.	1.7	260
132	Potential Targets of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor for Multiple Sclerosis Therapy. <i>Journal of Immunology</i> , 2004, 172, 1273-1286.	0.4	159
133	Inflammatory mediator and β -amyloid (25 \leq 35)-induced ceramide generation and iNOS expression are inhibited by vitamin E. <i>Free Radical Biology and Medicine</i> , 2004, 37, 325-338.	1.3	116
134	Dual role of cAMP in iNOS expression in glial cells and macrophages is mediated by differential regulation of p38-MAPK/ATF-2 activation and iNOS stability. <i>Free Radical Biology and Medicine</i> , 2004, 37, 1834-1844.	1.3	38
135	Impaired peroxisomal function in the central nervous system with inflammatory disease of experimental autoimmune encephalomyelitis animals and protection by lovastatin treatment. <i>Brain Research</i> , 2004, 1022, 1-11.	1.1	59
136	Administration of N-acetylcysteine after focal cerebral ischemia protects brain and reduces inflammation in a rat model of experimental stroke. <i>Journal of Neuroscience Research</i> , 2004, 76, 519-527.	1.3	218
137	Regulation of gene expression associated with acute experimental autoimmune encephalomyelitis by Lovastatin. <i>Journal of Neuroscience Research</i> , 2004, 77, 63-81.	1.3	74
138	N-acetylcysteine prevents endotoxin-induced degeneration of oligodendrocyte progenitors and hypomyelination in developing rat brain. <i>Journal of Neuroscience Research</i> , 2004, 78, 347-361.	1.3	157
139	Inflammatory mediator and β -amyloid (25 \leq 35)-induced ceramide generation and iNOS expression are inhibited by vitamin E. <i>Free Radical Biology and Medicine</i> , 2004, 37, 325-325.	1.3	2
140	Inhibition of peroxisomal functions due to oxidative imbalance induced by mistargeting of catalase to cytoplasm is restored by vitamin E treatment in skin fibroblasts from Zellweger syndrome-like patients. <i>Molecular Genetics and Metabolism</i> , 2004, 83, 297-305.	0.5	14
141	Oral simvastatin treatment in relapsing-remitting multiple sclerosis. <i>Lancet, The</i> , 2004, 363, 1607-1608.	6.3	456
142	Statins for multiple sclerosis. <i>Lancet, The</i> , 2004, 364, 412-413.	6.3	5
143	Attenuation of Ischemia-Reperfusion Injury in a Canine Model of Autologous Renal Transplantation. <i>Transplantation</i> , 2004, 78, 654-659.	0.5	34
144	Rho a negatively regulates cytokine-mediated inducible nitric oxide synthase expression in brain-derived transformed cell lines: negative regulation of IKK β . <i>Free Radical Biology and Medicine</i> , 2003, 35, 1037-1050.	1.3	48

#	ARTICLE	IF	CITATIONS
145	N-Acetyl cysteine protects against injury in a rat model of focal cerebral ischemia. <i>Brain Research</i> , 2003, 971, 1-8.	1.1	138
146	Molecular mechanism of psychosine-induced cell death in human oligodendrocyte cell line. <i>Journal of Neurochemistry</i> , 2003, 86, 1428-1440.	2.1	98
147	The role of neutral sphingomyelinase produced ceramide in lipopolysaccharide-mediated expression of inducible nitric oxide synthase. <i>Journal of Neurochemistry</i> , 2003, 88, 583-593.	2.1	48
148	Correlation of very long chain fatty acid accumulation and inflammatory disease progression in childhood X-ALD: Neurobiology of Disease, 2003, 14, 425-439.	2.1	108
149	Correlation of very long chain fatty acid accumulation and inflammatory disease progression in childhood X-ALD: implications for potential therapies. <i>Neurobiology of Disease</i> , 2003, 14, 425-425.	2.1	10
150	The Involvement of Glucose Metabolism in the Regulation of Inducible Nitric Oxide Synthase Gene Expression in Glial Cells: Possible Role of Glucose-6-Phosphate Dehydrogenase and CCAAT/Enhancing Binding Protein. <i>Journal of Neuroscience</i> , 2003, 23, 7470-7478.	1.7	39
151	Galactosylsphingosine (psychosine) induced expression of cytokine-mediated inducible nitric oxide synthases via AP-1 and C/EBP: implications for Krabbe disease. <i>FASEB Journal</i> , 2002, 16, 661-672.	0.2	92
152	[31] Peroxisomal fatty acid oxidation and cellular redox. <i>Methods in Enzymology</i> , 2002, 352, 361-372.	0.4	11
153	Immunomodulation of experimental autoimmune encephalomyelitis in the Lewis rats by Lovastatin. <i>Neuroscience Letters</i> , 2002, 333, 167-170.	1.0	72
154	Interleukin-10 and Interleukin-13 Inhibit Proinflammatory Cytokine-Induced Ceramide Production Through the Activation of Phosphatidylinositol 3-Kinase. <i>Journal of Neurochemistry</i> , 2002, 75, 576-582.	2.1	63
155	Induction of the Manganese Superoxide Dismutase Gene by Sphingomyelinase and Ceramide. <i>Journal of Neurochemistry</i> , 2002, 73, 513-520.	2.1	26
156	Combination therapy of N-acetylcysteine, sodium nitroprusside and phosphoramidon attenuates ischemia-reperfusion injury in rat kidney. <i>Molecular and Cellular Biochemistry</i> , 2002, 240, 9-17.	1.4	37
157	Lovastatin treatment decreases mononuclear cell infiltration into the CNS of Lewis rats with experimental allergic encephalomyelitis. <i>Journal of Neuroscience Research</i> , 2001, 66, 155-162.	1.3	144
158	Endotoxin induces structure-function alterations of rat liver peroxisomes: Kupffer cells released factors as possible modulators. <i>Hepatology</i> , 2000, 31, 446-455.	3.6	26
159	Characterization of fibroblast cytoplasmic proteins that bind to the 3' UTR of human catalase mRNA. <i>Molecular and Cellular Biochemistry</i> , 2000, 209, 9-15.	1.4	4
160	Isolation and biochemical characterization of peroxisomes from cultured rat glial cells. <i>Neurochemical Research</i> , 2000, 25, 197-203.	1.6	12
161	Identification of the pathway of β -oxidation of cerebronic acid in peroxisomes. <i>Lipids</i> , 2000, 35, 1127-1133.	0.7	11
162	Inducible Nitric Oxide Synthase in the Central Nervous System of Patients with X-Adrenoleukodystrophy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000, 59, 1063-1069.	0.9	62

#	ARTICLE	IF	CITATIONS
163	Intraperoxisomal Localization of Very-Long-Chain Fatty Acyl-CoA Synthetase: Implication in X-Adrenoleukodystrophy. <i>Experimental Cell Research</i> , 2000, 254, 309-320.	1.2	28
164	Lovastatin Therapy for X-Linked Adrenoleukodystrophy: Clinical and Biochemical Observations on 12 Patients. <i>Molecular Genetics and Metabolism</i> , 2000, 69, 312-322.	0.5	66
165	Endotoxin-induced alterations of lipid and fatty acid compositions in rat liver peroxisomes. <i>Journal of Endotoxin Research</i> , 2000, 6, 41-50.	2.5	39
166	Effect of Nitric Oxide on Rhinovirus Replication and Virus-Induced Interleukin-8 Elaboration. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 159, 1193-1198.	2.5	25
167	Manganese superoxide dismutase in rat liver peroxisomes: biochemical and immunochemical evidence. <i>Molecular and Cellular Biochemistry</i> , 1999, 197, 7-12.	1.4	19
168	Amelioration of experimental allergic encephalomyelitis in Lewis rats by lovastatin. <i>Neuroscience Letters</i> , 1999, 269, 71-74.	1.0	161
169	N-Acetyl Cysteine Inhibits Induction of NO Production By Endotoxin or Cytokine Stimulated Rat Peritoneal Macrophages, C6 Glial Cells and Astrocytes. <i>Free Radical Biology and Medicine</i> , 1998, 24, 39-48.	1.3	155
170	Lovastatin and sodium phenylacetate normalize the levels of very long chain fatty acids in skin fibroblasts of X- adrenoleukodystrophy. <i>FEBS Letters</i> , 1998, 426, 342-346.	1.3	81
171	Restoration of phytanic acid oxidation in Refsum disease fibroblasts from patients with mutations in the phytanoyl-CoA hydroxylase gene. <i>FEBS Letters</i> , 1998, 429, 119-122.	1.3	13
172	Cytokine-mediated Induction of Ceramide Production Is Redox-sensitive. <i>Journal of Biological Chemistry</i> , 1998, 273, 20354-20362.	1.6	187
173	Lovastatin for X-Linked Adrenoleukodystrophy. <i>New England Journal of Medicine</i> , 1998, 339, 702-703.	13.9	97
174	Sphingomyelinase and Ceramide Stimulate the Expression of Inducible Nitric-oxide Synthase in Rat Primary Astrocytes. <i>Journal of Biological Chemistry</i> , 1998, 273, 2591-2600.	1.6	155
175	Cytokine-induced Accumulation of Very Long-Chain Fatty Acids in Rat C6 Glial Cells: Implication for X-Adrenoleukodystrophy. <i>Journal of Neurochemistry</i> , 1998, 71, 78-87.	2.1	46
176	Localization of nervonic acid β -oxidation in human and rodent peroxisomes: impaired oxidation in Zellweger syndrome and X-linked adrenoleukodystrophy. <i>Journal of Lipid Research</i> , 1998, 39, 2161-2171.	2.0	37
177	Increasing cAMP Attenuates Induction of Inducible Nitric-oxide Synthase in Rat Primary Astrocytes. <i>Journal of Biological Chemistry</i> , 1997, 272, 7786-7791.	1.6	128
178	Cytochrome P-450 2E1 in Rat Liver Peroxisomes. <i>Free Radical Biology and Medicine</i> , 1997, 23, 963-971.	1.3	43
179	Biochemical Features of a Patient with Zellweger-like Syndrome with Normal PTS-1 and PTS-2 Peroxisomal Protein Import Systems: A New Peroxisomal Disease. <i>Biochemical and Molecular Medicine</i> , 1997, 61, 198-207.	1.5	8
180	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 1997, 176, 337-347.	1.4	27

#	ARTICLE	IF	CITATIONS
181	Biochemistry of peroxisomes in health and disease. , 1997, 167, 1-29.		130
182	Modulation of Endogenous Antioxidant Enzymes by Nitric Oxide in Rat C ₆ Glial Cells. Journal of Neurochemistry, 1997, 68, 1896-1903.	2.1	84
183	Targeted Disruption of the Peroxisomal Fatty Acyl-CoA Oxidase Gene: Generation of a Mouse Model of Pseudoneonatal Adrenoleukodystrophy. Annals of the New York Academy of Sciences, 1996, 804, 530-541.	1.8	23
184	Mammalian Peroxisomes: Metabolism of Oxygen and Reactive Oxygen Species. Annals of the New York Academy of Sciences, 1996, 804, 612-627.	1.8	65
185	Abnormality in Translational Regulation of Catalase Expression in Disorders of Peroxisomal Biogenesis. Journal of Neurochemistry, 1996, 67, 2373-2378.	2.1	9
186	Effect of Hypoxia-Reoxygenation on Peroxisomal Functions in Cultured Human Skin Fibroblasts from Control and Zellweger Syndrome Patients. Free Radical Research, 1995, 22, 39-46.	1.5	13
187	Ketoconazole and other imidazole derivatives are potent inhibitors of peroxisomal phytanic acid β -oxidation. FEBS Letters, 1995, 377, 213-216.	1.3	10
188	Impairment of peroxisomal β -oxidation system by endotoxin treatment. Molecular and Cellular Biochemistry, 1994, 135, 187-193.	1.4	9
189	Expression of antioxidant enzymes in rat kidney during ischemia-reperfusion injury. Molecular and Cellular Biochemistry, 1993, 125, 97-104.	1.4	96
190	Peroxisomal participation in the cellular response to the oxidative stress of endotoxin. Molecular and Cellular Biochemistry, 1993, 126, 25-35.	1.4	42
191	Intraorganellar localization of CoASH-independent phytanic acid oxidation in human liver peroxisomes. FEBS Letters, 1993, 333, 154-158.	1.3	18
192	Identification of phytanoyl-CoA ligase as a distinct acyl-CoA ligase in peroxisomes from cultured human skin fibroblasts. FEBS Letters, 1993, 322, 101-104.	1.3	26
193	Purification of peroxisomes and subcellular distribution of enzyme activities for activation and oxidation of very-long-chain fatty acids in rat brain. Lipids and Lipid Metabolism, 1993, 1170, 44-52.	2.6	20
194	Phytanic acid β -oxidation in human cultured skin fibroblasts. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1992, 1180, 221-224.	1.8	28
195	Ischemia-reperfusion injury: Biochemical alterations in peroxisomes of rat kidney. Archives of Biochemistry and Biophysics, 1992, 295, 90-100.	1.4	61
196	Postnatal Development and Isolation of Peroxisomes from Brain. Journal of Neurochemistry, 1991, 56, 1343-1353.	2.1	61
197	Effect of ciprofibrate on the activation and oxidation of very long chain fatty acids. Molecular and Cellular Biochemistry, 1991, 100, 159-67.	1.4	20
198	Lignoceroyl-CoASH ligase: enzyme defect in fatty acid β -oxidation system in X-linked childhood adrenoleukodystrophy. FEBS Letters, 1986, 196, 247-250.	1.3	153

#	ARTICLE	IF	CITATIONS
199	Peroxisomal oxidation of lignoceric acid in rat brain. <i>Neurochemical Research</i> , 1986, 11, 281-289.	1.6	15
200	Lignoceroyl-CoA ligase activity in rat brain microsomal fraction: Topographical localization and effect of detergents and β -cyclodextrin. <i>Archives of Biochemistry and Biophysics</i> , 1985, 236, 418-426.	1.4	47
201	Adrenoleukodystrophy: Impaired Oxidation of Very Long Chain Fatty Acids in White Blood Cells, Cultured Skin Fibroblasts, and Amniocytes. <i>Pediatric Research</i> , 1984, 18, 286-290.	1.1	219
202	Adrenoleukodystrophy: Survey of 303 cases: Biochemistry, diagnosis, and therapy. <i>Annals of Neurology</i> , 1984, 16, 628-641.	2.8	258
203	Brain-specific ceramide synthesis activity: change during brain maturation and in jimpy mouse brain. <i>Brain Research</i> , 1982, 232, 500-505.	1.1	7
204	Adrenoleukodystrophy: Impaired oxidation of long chain fatty acids in cultured skin fibroblasts and adrenal cortex. <i>Biochemical and Biophysical Research Communications</i> , 1981, 102, 1223-1229.	1.0	128
205	Fatty acid ω -hydroxylation and its relation to myelination. <i>Molecular and Cellular Biochemistry</i> , 1979, 28, 93-105.	1.4	44