Nicolas G Bazan

List of Publications by Year
in descending order

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489 papers	36,345 citations	4653 85 h-index	4641 170 g-index
510 all docs	510 docs citations	510 times ranked	34952 citing authors

#	Article	IF	Citations
1	Cerebrospinal Fluid Profile of Lipid Mediators in Alzheimerâ€™s Disease. Cellular and Molecular Neurobiology, 2023, 43, 797-811.	1.7	19
2	cRel and Wnt5a/Frizzled 5 Receptor-Mediated Inflammatory Regulation Reveal Novel Neuroprotectin D1 Targets for Neuroprotection. Cellular and Molecular Neurobiology, 2023, 43, 1077-1096.	1.7	3
3	Periodically aperiodic pattern of SARS-CoV-2 mutations underpins the uncertainty of its origin and evolution. Environmental Research, 2022, 204, 112092.	3.7	4
4	Neuroprotectin D1, a lipid anti-inflammatory mediator, in patients with intracerebral hemorrhage. Biochimie, 2022, 195, 16-18.	1.3	4
5	Elovanoids Counteract Inflammatory Signaling, Autophagy, Endoplasmic Reticulum Stress, and Senescence Gene Programming in Human Nasal Epithelial Cells Exposed to Allergens. Pharmaceutics, 2022, 14, 113.	2.0	3
6	The importance of accessory protein variants in the pathogenicity of SARS-CoV-2. Archives of Biochemistry and Biophysics, 2022, 717, 109124.	1.4	20
7	Intranasal delivery of pro-resolving lipid mediators rescues memory and gamma oscillation impairment in AppNL-G-F/NL-G-F mice. Communications Biology, 2022, 5, 245.	2.0	25
8	An issue of concern: unique truncated ORF8 protein variants of SARS-CoV-2. PeerJ, 2022, 10, e13136.	0.9	7
9	Polyunsaturated fatty acids and fatty acid-derived lipid mediators: Recent advances in the understanding of their biosynthesis, structures, and functions. Progress in Lipid Research, 2022, 86, 101165.	5.3	164
10	Targeting lipid metabolism in cancer: neuroblastoma. Cancer and Metastasis Reviews, 2022, 41, 255-260.	2.7	8
11	Synergistic neuroprotection by a PAF antagonist plus a docosanoid in experimental ischemic stroke: Dose-response and therapeutic window. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106585.	0.7	1
12	Overview of how N32 and N34 elovanoids sustain sight byÂprotecting retinal pigment epithelial cells and photoreceptors. Journal of Lipid Research, 2021, 62, 100058.	2.0	18
13	Peroxisomal Multifunctional Protein 2 Deficiency Perturbs Lipid Homeostasis in the Retina and Causes Visual Dysfunction in Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 632930.	1.8	12
14	Estrogenic Modulation of Retinal Sensitivity in Reproductive Female TÃºngara Frogs. Integrative and Comparative Biology, 2021, 61, 231-239.	0.9	1
15	Carbon-Based Nanomaterials: Promising Antiviral Agents to Combat COVID-19 in the Microbial-Resistant Era. ACS Nano, 2021, 15, 8069-8086.	7.3	134
16	ELV-N32 and RvD6 isomer decrease pro-inflammatory cytokines, senescence programming, ACE2 and SARS-CoV-2-spike protein RBD binding in injured cornea. Scientific Reports, 2021, 11, 12787.	1.6	11
17	A unique view of SARS-CoV-2 through the lens of ORF8 protein. Computers in Biology and Medicine, 2021, 133, 104380.	3.9	48
18	Age-related changes in brain phospholipids and bioactive lipids in the APP knock-in mouse model of Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2021, 9, 116.	2.4	28

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19	Elovanoids downregulate SARS-CoV-2 cell-entry, canonical mediators and enhance protective signaling in human alveolar cells. Scientific Reports, 2021, 11, 12324.	1.6	5
20	Elucidating the structure and functions of Resolvin D6 isomers on nerve regeneration with a distinctive trigeminal transcriptome. FASEB Journal, 2021, 35, e21775.	0.2	9
21	COVID-19 Vaccines and Thrombosisâ€"Roadblock or Dead-End Street?. Biomolecules, 2021, 11, 1020.	1.8	28
22	The expression of ELOVL4, repressed by MYCN, defines neuroblastoma patients with good outcome. Oncogene, 2021, 40, 5741-5751.	2.6	13
23	Combined Therapy With Avastin, a PAF Receptor Antagonist and a Lipid Mediator Inhibited Glioblastoma Tumor Growth. Frontiers in Pharmacology, 2021, 12, 746470.	1.6	2
24	Multiprong control of glioblastoma multiforme invasiveness: blockade of pro-inflammatory signaling, anti-angiogenesis, and homeostasis restoration. Cancer and Metastasis Reviews, 2021, 40, 643-647.	2.7	7
25	Autoimmunity roots of the thrombotic events after COVID-19 vaccination. Autoimmunity Reviews, 2021, 20, 102941.	2.5	39
26	A high fat, sugar, and salt Western diet induces motorâ€muscular and sensory dysfunctions and neurodegeneration in mice during aging: Ameliorative action of metformin. CNS Neuroscience and Therapeutics, 2021, 27, 1458-1471.	1.9	7
27	The mechanism behind flaring/triggering of autoimmunity disorders associated with COVID-19. Autoimmunity Reviews, 2021, 20, 102909.	2.5	7
28	AMPK modulation ameliorates dominant disease phenotypes of CTRP5 variant in retinal degeneration. Communications Biology, 2021, 4, 1360.	2.0	19
29	Membraneâ€type frizzledâ€related protein regulates lipidome and transcription for photoreceptor function. FASEB Journal, 2020, 34, 912-929.	0.2	17
30	Increased Antioxidant Capacity and Pro-Homeostatic Lipid Mediators in Ocular Hypertensionâ€"A Human Experimental Model. Journal of Clinical Medicine, 2020, 9, 2979.	1.0	5
31	Inverse correlation between fatty acid transport protein 4 and vision in Leber congenital amaurosis associated with RPE65 mutation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32114-32123.	3.3	3
32	DHA modulates MANF and TREM2 abundance, enhances neurogenesis, reduces infarct size, and improves neurological function after experimental ischemic stroke. CNS Neuroscience and Therapeutics, 2020, 26, 1155-1167.	1.9	19
33	Bioavailability and spatial distribution of fatty acids in the rat retina after dietary omega-3 supplementation. Journal of Lipid Research, 2020, 61, 1733-1746.	2.0	13
34	Novel RvD6 stereoisomer induces corneal nerve regeneration and wound healing post-injury by modulating trigeminal transcriptomic signature. Scientific Reports, 2020, 10, 4582.	1.6	28
35	A novel pipeline of 2-(benzenesulfonamide)-N-(4-hydroxyphenyl) acetamide analgesics that lack hepatotoxicity and retain antipyresis. European Journal of Medicinal Chemistry, 2020, 202, 112600.	2.6	4
36	MicroRNA Regulatory Network as Biomarkers of Late Seizure in Patients with Spontaneous Intracerebral Hemorrhage. Molecular Neurobiology, 2020, 57, 2346-2357.	1.9	11

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37	Blocking pro-inflammatory platelet-activating factor receptors and activating cell survival pathways: A novel therapeutic strategy in experimental ischemic stroke. Brain Circulation, 2020, 6, 260.	0.7	13
38	Tandem Schiff-Base Formation/Heterocyclization: An Approach to the Synthesis of Fused Pyrazoloâ€“Pyrimidine/Isoxazolo-Pyrimidine Hybrids. Synlett, 2019, 30, 868-868.	1.0	0
39	Learning from the Fly Photoreceptor on How Synapses Integrate Gene Expression to Sustain Retina and Brain Function. Neuron, 2019, 101, 548-550.	3.8	0
40	Elovanoids counteract oligomeric Î²-amyloid-induced gene expression and protect photoreceptors. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24317-24325.	3.3	47
41	Stereoselective Synthesis of Maresin-Like Lipid Mediators. Synlett, 2019, 30, 343-347.	1.0	6
42	Reproductive State Modulates Retinal Sensitivity to Light in Female TÃºngara Frogs. Frontiers in Behavioral Neuroscience, 2019, 13, 293.	1.0	11
43	Platelet-Activating Factor (PAF) Receptor Antagonism Modulates Inflammatory Signaling in Experimental Uveitis. Current Eye Research, 2018, 43, 821-827.	0.7	6
44	A Nonsteroidal Novel Formulation Targeting Inflammatory and Pruritus-Related Mediators Modulates Experimental Allergic Contact Dermatitis. Dermatology and Therapy, 2018, 8, 111-126.	1.4	5
45	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
46	Retinal Pigment Epithelium and Photoreceptor Preconditioning Protection Requires Docosanoid Signaling. Cellular and Molecular Neurobiology, 2018, 38, 901-917.	1.7	11
47	Stereoselective Total Synthesis of Macrophage-Produced Prohealing 14,21-Dihydroxy Docosahexaenoic Acids. Journal of Organic Chemistry, 2018, 83, 154-166.	1.7	8
48	Guidelines on experimental methods to assess mitochondrial dysfunction in cellular models of neurodegenerative diseases. Cell Death and Differentiation, 2018, 25, 542-572.	5.0	120
49	Enteral Arg-Gln Dipeptide Administration Increases Retinal Docosahexaenoic Acid and Neuroprotectin D1 in a Murine Model of Retinopathy of Prematurity. , 2018, 59, 858.		11
50	Docosanoids and elovanoids from omega-3 fatty acids are pro-homeostatic modulators of inflammatory responses, cell damage and neuroprotection. Molecular Aspects of Medicine, 2018, 64, 18-33.	2.7	98
51	Microtubule-Associated Protein 1 Light Chain 3B, (LC3B) Is Necessary to Maintain Lipid-Mediated Homeostasis in the Retinal Pigment Epithelium. Frontiers in Cellular Neuroscience, 2018, 12, 351.	1.8	34
52	Quantifying the relationship between optical anatomy and retinal physiological sensitivity: A comparative approach. Journal of Comparative Neurology, 2018, 526, 3045-3057.	0.9	7
53	Synthesis, hepatotoxic evaluation and antipyretic activity of nitrate ester analogs of the acetaminophen derivative SCP-1. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3798-3801.	1.0	3
54	Docosanoids Promote Neurogenesis and Angiogenesis, Blood-Brain Barrier Integrity, Penumbra Protection, and Neurobehavioral Recovery After Experimental Ischemic Stroke. Molecular Neurobiology, 2018, 55, 7090-7106.	1.9	70

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55	Ciliary neurotrophic factor (CNTF) protects retinal cone and rod photoreceptors by suppressing excessive formation of the visual pigments. Journal of Biological Chemistry, 2018, 293, 15256-15268.	1.6	24
56	Neuroprotectin D1 upregulates Iduna expression and provides protection in cellular uncompensated oxidative stress and in experimental ischemic stroke. Cell Death and Differentiation, 2017, 24, 1091-1099.	5.0	44
57	Molecular mechanisms of signaling via the docosanoid neuroprotectin D1 for cellular homeostasis and neuroprotection. Journal of Biological Chemistry, 2017, 292, 12390-12397.	1.6	74
58	Thematic Minireview Series: Inflammatory transcription confronts homeostatic disruptions. Journal of Biological Chemistry, 2017, 292, 12373-12374.	1.6	0
59	Defining a mechanistic link between pigment epitheliumâ€“derived factor, docosahexaenoic acid, and corneal nerve regeneration. Journal of Biological Chemistry, 2017, 292, 18486-18499.	1.6	50
60	Elovanoids are a novel class of homeostatic lipid mediators that protect neural cell integrity upon injury. Science Advances, 2017, 3, e1700735.	4.7	43
61	Elovanoids are novel cell-specific lipid mediators necessary for neuroprotective signaling for photoreceptor cell integrity. Scientific Reports, 2017, 7, 5279.	1.6	59
62	Omega-3 fatty acids and neuroinflammation in Alzheimer's disease: the unraveling of neurorestorative cell signaling. Future Neurology, 2016, 11, 99-103.	0.9	0
63	Loss of diacylglycerol kinase epsilon in mice causes endothelial distress and impairs glomerular Cox-2 and PGE2 production. American Journal of Physiology - Renal Physiology, 2016, 310, F895-F908.	1.3	24
64	Dysfunctional epileptic neuronal circuits and dysmorphic dendritic spines are mitigated by platelet-activating factor receptor antagonism. Scientific Reports, 2016, 6, 30298.	1.6	36
65	Molecular Principles for Decoding Homeostasis Disruptions in the Retinal Pigment Epithelium: Significance of Lipid Mediators to Retinal Degenerative Diseases. Advances in Experimental Medicine and Biology, 2016, 854, 385-391.	0.8	2
66	What is the therapeutic potential of neuroprotectin D1 for epilepsy?. Future Neurology, 2015, 10, 395-400.	0.9	0
67	Hippocampal Neuro-Networks and Dendritic Spine Perturbations in Epileptogenesis Are Attenuated by Neuroprotectin D1. PLoS ONE, 2015, 10, e0116543.	1.1	24
68	Docosahexaenoic acid improves behavior and attenuates bloodâ€“brain barrier injury induced by focal cerebral ischemia in rats. Experimental & Translational Stroke Medicine, 2015, 7, 3.	3.2	41
69	The Docosanoid Neuroprotectin D1 Induces TH-Positive Neuronal Survival in a Cellular Model of Parkinsonâ€™s Disease. Cellular and Molecular Neurobiology, 2015, 35, 1127-1136.	1.7	13
70	Neuroinflammation in Alzheimer's disease. Lancet Neurology, The, 2015, 14, 388-405.	4.9	4,129
71	Interferon-Stimulated Gene 15 Upregulation Precedes the Development of Bloodâ€“Brain Barrier Disruption and Cerebral Edema after Traumatic Brain Injury in Young Mice. Journal of Neurotrauma, 2015, 32, 1101-1108.	1.7	13
72	Adiponectin receptor 1 conserves docosahexaenoic acid and promotes photoreceptor cell survival. Nature Communications, 2015, 6, 6228.	5.8	93

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73	NPD1-mediated stereoselective regulation of BIRC3 expression through cREL is decisive for neural cell survival. Cell Death and Differentiation, 2015, 22, 1363-1377.	5.0	33
74	Omega-3 polyunsaturated fatty acids improve mitochondrial dysfunction in brain aging â€“ Impact of Bcl-2 and NPD-1 like metabolites. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 92, 23-31.	1.0	81
75	Neuroprotectin D1 is Synthesized in the Cone Photoreceptor Cell Line 661W and Elicits Protection Against Light-Induced Stress. Cellular and Molecular Neurobiology, 2015, 35, 197-204.	1.7	12
76	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811
77	Neuroprotectin/protectin D1: endogenous biosynthesis and actions on diabetic macrophages in promoting wound healing and innervation impaired by diabetes. American Journal of Physiology - Cell Physiology, 2014, 307, C1058-C1067.	2.1	43
78	Is There a Molecular Logic That Sustains Neuronal Functional Integrity and Survival? Lipid Signaling Is Necessary for Neuroprotective Neuronal Transcriptional Programs. Molecular Neurobiology, 2014, 50, 1-5.	1.9	16
79	Docosahexaenoic acid complexed to albumin provides neuroprotection after experimental stroke in aged rats. Neurobiology of Disease, 2014, 62, 1-7.	2.1	42
80	Spatial organization of lipids in the human retina and optic nerve by MALDI imaging mass spectrometry. Journal of Lipid Research, 2014, 55, 504-515.	2.0	85
81	Docosahexaenoic acid confers enduring neuroprotection in experimental stroke. Journal of the Neurological Sciences, 2014, 338, 135-141.	0.3	57
82	On Rita Levi-Montalcini. Molecular Neurobiology, 2013, 47, 443-445.	1.9	0
83	The nucleolus fine-tunes the orchestration of an early neuroprotection response in neurodegeneration. Cell Death and Differentiation, 2013, 20, 1435-1437.	5.0	9
84	Inhibition of Myosin Light-Chain Kinase Attenuates Cerebral Edema after Traumatic Brain Injury in Postnatal Mice. Journal of Neurotrauma, 2013, 30, 1672-1679.	1.7	15
85	Mediator Lipidomics in Ophthalmology: Targets for Modulation in Inflammation, Neuroprotection and Nerve Regeneration. Current Eye Research, 2013, 38, 995-1005.	0.7	39
86	Docosahexaenoic acid in translational medicine: The Tenth Fatty Acids and Cell Signaling meeting (FACS-10). Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 1.	1.0	1
87	Rescue of hearing and vestibular function by antisense oligonucleotides in a mouse model of human deafness. Nature Medicine, 2013, 19, 345-350.	15.2	194
88	N-3 Fatty Acid Rich Triglyceride Emulsions Are Neuroprotective after Cerebral Hypoxic-Ischemic Injury in Neonatal Mice. PLoS ONE, 2013, 8, e56233.	1.1	51
89	The docosanoid neuroprotectin D1 induces homeostatic regulation of neuroinflammation and cell survival. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 127-129.	1.0	44
90	EPAC Inhibition of SUR1 Receptor Increases Glutamate Release and Seizure Vulnerability. Journal of Neuroscience, 2013, 33, 8861-8865.	1.7	19

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91	Fatty Acid Transport Protein 4 (FATP4) Prevents Light-Induced Degeneration of Cone and Rod Photoreceptors by Inhibiting RPE65 Isomerase. Journal of Neuroscience, 2013, 33, 3178-3189.	1.7	30
92	Receptor Interacting Protein Kinase-Mediated Necrosis Contributes to Cone and Rod Photoreceptor Degeneration in the Retina Lacking Interphotoreceptor Retinoid-Binding Protein. Journal of Neuroscience, 2013, 33, 17458-17468.	1.7	85
93	Neuroprotectin D1 Restores Corneal Nerve Integrity and Function After Damage From Experimental Surgery. , 2013, 54, 4109.		65
94	Docosahexaenoic Acid and Its Derivative Neuroprotectin D1 Display Neuroprotective Properties in the Retina, Brain and Central Nervous System. Nestle Nutrition Institute Workshop Series, 2013, 77, 121-131.	1.5	31
95	DGKE Variants Cause a Glomerular Microangiopathy That Mimics Membranoproliferative GN. Journal of the American Society of Nephrology: JASN, 2013, 24, 377-384.	3.0	130
96	Secretory Defect and Cytotoxicity. Journal of Biological Chemistry, 2013, 288, 11395-11406.	1.6	36
97	Acute Treatment with Docosahexaenoic Acid Complexed to Albumin Reduces Injury after a Permanent Focal Cerebral Ischemia in Rats. PLoS ONE, 2013, 8, e77237.	1.1	25
98	Microglial ramification and redistribution concomitant with the attenuation of choroidal neovascularization by neuroprotectin D1. Molecular Vision, 2013, 19, 1747-59.	1.1	42
99	Docosahexaenoic Acid Signaling Modulates Cell Survival in Experimental Ischemic Stroke Penumbra and Initiates Long-Term Repair in Young and Aged Rats. PLoS ONE, 2012, 7, e46151.	1.1	71
100	Neuroinflammation. , 2012, , 610-620.		14
101	Brain Ischemia and Reperfusion. , 2012, , 621-642.		2
102	Lipid Mediators. , 2012, , 643-662.		3
103	Ataxin-1 Poly(Q)-induced Proteotoxic Stress and Apoptosis Are Attenuated in Neural Cells by Docosahexaenoic Acid-derived Neuroprotectin D1. Journal of Biological Chemistry, 2012, 287, 23726-23739.	1.6	28
104	Recovery of Corneal Sensitivity, Calcitonin Gene-Related Peptideâ€“Positive Nerves, and Increased Wound Healing Induced by Pigment Epithelialâ€“Derived Factor Plus Docosahexaenoic Acid After Experimental Surgery. JAMA Ophthalmology, 2012, 130, 76.	2.6	63
105	Docosahexaenoic acid complexed to human albumin in experimental stroke: neuroprotective efficacy with a wide therapeutic window. Experimental & Translational Stroke Medicine, 2012, 4, 19.	3.2	25
106	Neuroinflammation and Proteostasis are Modulated by Endogenously Biosynthesized Neuroprotectin D1. Molecular Neurobiology, 2012, 46, 221-226.	1.9	12
107	Apoptosis and Necrosis. , 2012, , 663-676.		9
108	Superior Neuroprotective Efficacy of LAU-0901, a Novel Platelet-Activating Factor Antagonist, in Experimental Stroke. Translational Stroke Research, 2012, 3, 154-163.	2.3	16

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109	Novel aspirin-triggered neuroprotectin D1 attenuates cerebral ischemic injury after experimental stroke. Experimental Neurology, 2012, 236, 122-130.	2.0	98
110	Stereocontrolled total synthesis of Neuroprotectin D1/Protectin D1 and its aspirin-triggered stereoisomer. Tetrahedron Letters, 2012, 53, 1695-1698.	0.7	41
111	Docosahexaenoic Acid Signalolipidomics in the Homeostatic Modulation of Photoreceptor/Retinal Pigment Epithelial Cell Integrity During Oxidative Stress. , 2012, , 141-163.		0
112	Aspirin-Triggered Lipoxin A4 (15-epi-LXA4) Increases the Endothelial Viability of Human Corneas Storage in Optisol-GS. Journal of Ocular Pharmacology and Therapeutics, 2011, 27, 235-241.	0.6	18
113	Spatial correlation of mouse photoreceptor-RPE thickness between SD-OCT and histology. Experimental Eye Research, 2011, 92, 155-160.	1.2	46
114	Cellular and 3D optical coherence tomography assessment during the initiation and progression of retinal degeneration in the Ccl2/Cx3cr1-deficient mouse. Experimental Eye Research, 2011, 93, 636-648.	1.2	27
115	Docosahexaenoic acid (DHA) in stroke, Alzheimerâ€™s disease, and blinding retinal degenerations: coping with neuroinflammation and sustaining cell survival. Oleagineux Corps Gras Lipides, 2011, 18, 208-213.	0.2	0
116	Docosahexaenoic Acid-Derived Neuroprotectin D1 Induces Neuronal Survival via Secretase- and PPARÎ³-Mediated Mechanisms in Alzheimer's Disease Models. PLoS ONE, 2011, 6, e15816.	1.1	203
117	The omega-3 fatty acid-derived neuroprotectin D1 limits hippocampal hyperexcitability and seizure susceptibility in kindling epileptogenesis. Epilepsia, 2011, 52, 1601-1608.	2.6	56
118	Novel Proresolving Aspirin-Triggered DHA Pathway. Chemistry and Biology, 2011, 18, 976-987.	6.2	145
119	Docosahexaenoic Acid Signalolipidomics in Nutrition: Significance in Aging, Neuroinflammation, Macular Degeneration, Alzheimer's, and Other Neurodegenerative Diseases. Annual Review of Nutrition, 2011, 31, 321-351.	4.3	358
120	Ritaâ€™s 102!!. Molecular Neurobiology, 2011, 43, 77-9.	1.9	3
121	Neuroprotectin D1 Induces Neuronal Survival and Downregulation of Amyloidogenic Processing in Alzheimerâ€™s Disease Cellular Models. Molecular Neurobiology, 2011, 43, 131-138.	1.9	40
122	Endogenous Signaling by Omega-3 Docosahexaenoic Acid-derived Mediators Sustains Homeostatic Synaptic and Circuitry Integrity. Molecular Neurobiology, 2011, 44, 216-222.	1.9	105
123	Docosahexaenoic Acid Therapy of Experimental Ischemic Stroke. Translational Stroke Research, 2011, 2, 33-41.	2.3	142
124	EGF Stimulates Lipoxin A4 Synthesis and Modulates Repair in Corneal Epithelial Cells through ERK and p38 Activation. , 2011, 52, 2240.		41
125	Synaptic and Extrasynaptic NMDA Receptors Differentially Modulate Neuronal Cyclooxygenase-2 Function, Lipid Peroxidation, and Neuroprotection. Journal of Neuroscience, 2011, 31, 13710-13721.	1.7	65
126	Inflammatory, Apoptotic, and Survival Gene Signaling in Alzheimerâ€™s Disease. Molecular Neurobiology, 2010, 42, 10-16.	1.9	47

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127	Omega-3 Essential Fatty Acids Modulate Initiation and Progression of Neurodegenerative Disease. Molecular Neurobiology, 2010, 41, 367-374.	1.9	108
128	NPD1 Induction of Retinal Pigment Epithelial Cell Survival Involves PI3K/Akt Phosphorylation Signaling. Neurochemical Research, 2010, 35, 1944-1947.	1.6	23
129	Docosahexaenoic acid neurolipidomics. Prostaglandins and Other Lipid Mediators, 2010, 91, 85-89.	1.0	78
130	Deafness and retinal degeneration in a novel USH1C knockâ€in mouse model. Developmental Neurobiology, 2010, 70, 253-267.	1.5	50
131	Neuroprotectin D1 Synthesis and Corneal Nerve Regeneration after Experimental Surgery and Treatment with PEDF plus DHA. , 2010, 51, 804.		84
132	Lipid-Mediated Cell Signaling Protects against Injury and Neurodegeneration. Journal of Nutrition, 2010, 140, 858-863.	1.3	35
133	Neuroprotectin D1 Induces Dephosphorylation of Bcl-xL in a PP2A-dependent Manner during Oxidative Stress and Promotes Retinal Pigment Epithelial Cell Survival. Journal of Biological Chemistry, 2010, 285, 18301-18308.	1.6	60
134	Agrin Downregulation Induced by Nerve Injury Contributes to Neuropathic Pain. Journal of Neuroscience, 2010, 30, 15286-15297.	1.7	6
135	Rescue and repair during photoreceptor cell renewal mediated by docosahexaenoic acid-derived neuroprotectin D1. Journal of Lipid Research, 2010, 51, 2018-2031.	2.0	113
136	PI3K/Akt and mTOR/p70S6K pathways mediate neuroprotectin D1-induced retinal pigment epithelial cell survival during oxidative stress-induced apoptosis. Experimental Eye Research, 2010, 90, 718-725.	1.2	95
137	Mapping the entire human corneal nerve architecture. Experimental Eye Research, 2010, 91, 513-523.	1.2	145
138	Neuroprotectin D1/protectin D1 stereoselective and specific binding with human retinal pigment epithelial cells and neutrophils. Prostaglandins Leukotrienes and Essential Fatty Acids, 2010, 82, 27-34.	1.0	92
139	Neuroprotectin D1 Modulates the Induction of Pro-Inflammatory Signaling and Promotes Retinal Pigment Epithelial Cell Survival DuringOxidative Stress. Advances in Experimental Medicine and Biology, 2010, 664, 663-670.	0.8	19
140	Neuroprotectin D1 attenuates laser-induced choroidal neovascularization in mouse. Molecular Vision, 2010, 16, 320-9.	1.1	34
141	Robust Docosahexaenoic Acidâ€“Mediated Neuroprotection in a Rat Model of Transient, Focal Cerebral Ischemia. Stroke, 2009, 40, 3121-3126.	1.0	156
142	A Novel Platelet Activating Factor Receptor Antagonist Reduces Cell Infiltration and Expression of Inflammatory Mediators in Mice Exposed to Desiccating Conditions after PRK. Clinical and Developmental Immunology, 2009, 2009, 1-7.	3.3	8
143	Neuroprotectin D1-mediated anti-inflammatory and survival signaling in stroke, retinal degenerations, and Alzheimer's disease. Journal of Lipid Research, 2009, 50, S400-S405.	2.0	201
144	Selective Survival Rescue in 15-Lipoxygenase-1-deficient Retinal Pigment Epithelial Cells by the Novel Docosahexaenoic Acid-derived Mediator, Neuroprotectin D1. Journal of Biological Chemistry, 2009, 284, 17877-17882.	1.6	90

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145	Simplified lentivirus vector production in protein-free media using polyethylenimine-mediated transfection. Journal of Virological Methods, 2009, 157, 113-121.	1.0	91
146	LAU-0901, a novel platelet-activating factor receptor antagonist, confers enduring neuroprotection in experimental focal cerebral ischemia in the rat. Brain Research, 2009, 1253, 184-190.	1.1	15
147	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. Cell Death and Differentiation, 2009, 16, 1093-1107.	5.0	599
148	Is NFâ€ºB from astrocytes a decision maker of neuronal life or death? (Commentary on Dvoriantchikova) Tj ETQq0 0 0 rgBT /Overlock 10	1.2	5
149	Calcium-independent phospholipase A2 regulates retinal pigment epithelium proliferation and may be important in the pathogenesis of retinal diseases. Experimental Eye Research, 2009, 89, 383-391.	1.2	9
150	Cellular and molecular events mediated by docosahexaenoic acid-derived neuroprotectin D1 signaling in photoreceptor cell survival and brain protection. Prostaglandins Leukotrienes and Essential Fatty Acids, 2009, 81, 205-211.	1.0	145
151	A transcriptomic approach to the survival signaling enhanced by Neuroprotectin D1 in response to oxidative stress. FASEB Journal, 2009, 23, LB266.	0.2	0
152	Neuroprotectin D1 exerts potent antiâ€apoptotic and antiâ€amyloidogenic effects in human neural cell models of Alzheimer's disease. FASEB Journal, 2009, 23, 926.4.	0.2	0
153	nâ€3 Fatty Acids Are Neuroprotective After Cerebral Hypoxiaâ€Ischemia In Rodent Models. FASEB Journal, 2009, 23, 334.5.	0.2	1
154	A comparative analysis of constitutive and cellâ€specific promoters in the adult mouse hippocampus using lentivirus vectorâ€mediated gene transfer. Journal of Gene Medicine, 2008, 10, 1163-1175.	1.4	35
155	Hyperbaric oxygen improves rate of return of spontaneous circulation after prolonged normothermic porcine cardiopulmonary arrest. Resuscitation, 2008, 78, 200-214.	1.3	11
156	P80. Resiniferatoxin Induced Alteration of Neurotrophic Factors in the Dorsal Root Ganglia of Allodynic Rats. Spine Journal, 2008, 8, 139S-140S.	0.6	0
157	LAU-0901, a novel platelet-activating factor antagonist, is highly neuroprotective in cerebral ischemia. Experimental Neurology, 2008, 214, 253-258.	2.0	36
158	Glutamate-mediated CA++ influx and nuclear damage in retinal ganglion cells purified by panning: role of glia. Journal of Neurochemistry, 2008, 81, 101-105.	2.1	0
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