

Nicolas G Bazan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6818483/nicolas-g-bazan-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

471
papers

29,112
citations

81
h-index

154
g-index

510
ext. papers

32,531
ext. citations

5.5
avg. IF

7.15
L-index

#	Paper	IF	Citations
471	The importance of accessory protein variants in the pathogenicity of SARS-CoV-2.. <i>Archives of Biochemistry and Biophysics</i> , 2022 , 717, 109124	4.1	2
470	Neuroprotectin D1, a lipid anti-inflammatory mediator, in patients with intracerebral hemorrhage.. <i>Biochimie</i> , 2022 , 195, 16-16	4.6	0
469	Intranasal delivery of pro-resolving lipid mediators rescues memory and gamma oscillation impairment in App mice.. <i>Communications Biology</i> , 2022 , 5, 245	6.7	3
468	An issue of concern: unique truncated ORF8 protein variants of SARS-CoV-2.. <i>PeerJ</i> , 2022 , 10, e13136	3.1	1
467	Cerebrospinal Fluid Profile of Lipid Mediators in Alzheimer's Disease.. <i>Cellular and Molecular Neurobiology</i> , 2022 , 1	4.6	3
466	Polyunsaturated fatty acids and fatty acid-derived lipid mediators: Recent advances in the understanding of their biosynthesis, structures, and functions.. <i>Progress in Lipid Research</i> , 2022 , 86, 101165	14.3	10
465	Estrogenic Modulation of Retinal Sensitivity in Reproductive Female T̄igara Frogs. <i>Integrative and Comparative Biology</i> , 2021 , 61, 231-239	2.8	1
464	Carbon-Based Nanomaterials: Promising Antiviral Agents to Combat COVID-19 in the Microbial-Resistant Era. <i>ACS Nano</i> , 2021 , 15, 8069-8086	16.7	59
463	ELV-N32 and RvD6 isomer decrease pro-inflammatory cytokines, senescence programming, ACE2 and SARS-CoV-2-spike protein RBD binding in injured cornea. <i>Scientific Reports</i> , 2021 , 11, 12787	4.9	3
462	A unique view of SARS-CoV-2 through the lens of ORF8 protein. <i>Computers in Biology and Medicine</i> , 2021 , 133, 104380	7	23
461	Age-related changes in brain phospholipids and bioactive lipids in the APP knock-in mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 116	7.3	6
460	Elovanoids downregulate SARS-CoV-2 cell-entry, canonical mediators and enhance protective signaling in human alveolar cells. <i>Scientific Reports</i> , 2021 , 11, 12324	4.9	1
459	Elucidating the structure and functions of Resolvin D6 isomers on nerve regeneration with a distinctive trigeminal transcriptome. <i>FASEB Journal</i> , 2021 , 35, e21775	0.9	3
458	COVID-19 Vaccines and Thrombosis-Roadblock or Dead-End Street?. <i>Biomolecules</i> , 2021 , 11,	5.9	13
457	The expression of ELOVL4, repressed by MYCN, defines neuroblastoma patients with good outcome. <i>Oncogene</i> , 2021 , 40, 5741-5751	9.2	2
456	Overview of how N32 and N34 elovanoids sustain sight by protecting retinal pigment epithelial cells and photoreceptors. <i>Journal of Lipid Research</i> , 2021 , 62, 100058	6.3	4
455	Peroxisomal Multifunctional Protein 2 Deficiency Perturbs Lipid Homeostasis in the Retina and Causes Visual Dysfunction in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 632930	5.7	4

454	Combined Therapy With Avastin, a PAF Receptor Antagonist and a Lipid Mediator Inhibited Glioblastoma Tumor Growth. <i>Frontiers in Pharmacology</i> , 2021 , 12, 746470	5.6	0
453	Multiprong control of glioblastoma multiforme invasiveness: blockade of pro-inflammatory signaling, anti-angiogenesis, and homeostasis restoration. <i>Cancer and Metastasis Reviews</i> , 2021 , 40, 643-647	8.6	1
452	Autoimmunity roots of the thrombotic events after COVID-19 vaccination. <i>Autoimmunity Reviews</i> , 2021 , 20, 102941	13.6	9
451	A high fat, sugar, and salt Western diet induces motor-muscular and sensory dysfunctions and neurodegeneration in mice during aging: Ameliorative action of metformin. <i>CNS Neuroscience and Therapeutics</i> , 2021 , 27, 1458-1471	6.8	2
450	Periodically aperiodic pattern of SARS-CoV-2 mutations underpins the uncertainty of its origin and evolution. <i>Environmental Research</i> , 2021 , 204, 112092	7.9	1
449	The mechanism behind flaring/triggering of autoimmunity disorders associated with COVID-19. <i>Autoimmunity Reviews</i> , 2021 , 20, 102909	13.6	4
448	AMPK modulation ameliorates dominant disease phenotypes of CTRP5 variant in retinal degeneration. <i>Communications Biology</i> , 2021 , 4, 1360	6.7	1
447	Novel RvD6 stereoisomer induces corneal nerve regeneration and wound healing post-injury by modulating trigeminal transcriptomic signature. <i>Scientific Reports</i> , 2020 , 10, 4582	4.9	17
446	A novel pipeline of 2-(benzenesulfonamide)-N-(4-hydroxyphenyl) acetamide analgesics that lack hepatotoxicity and retain antipyresis. <i>European Journal of Medicinal Chemistry</i> , 2020 , 202, 112600	6.8	2
445	MicroRNA Regulatory Network as Biomarkers of Late Seizure in Patients with Spontaneous Intracerebral Hemorrhage. <i>Molecular Neurobiology</i> , 2020 , 57, 2346-2357	6.2	9
444	Elovanoid-N32 or RvD6-isomer decrease ACE2 and binding of S protein RBD after injury or INF̄n the eye 2020 ,		5
443	Blocking pro-inflammatory platelet-activating factor receptors and activating cell survival pathways: A novel therapeutic strategy in experimental ischemic stroke. <i>Brain Circulation</i> , 2020 , 6, 260-268	2.7	4
442	Membrane-type frizzled-related protein regulates lipidome and transcription for photoreceptor function. <i>FASEB Journal</i> , 2020 , 34, 912-929	0.9	9
441	Increased Antioxidant Capacity and Pro-Homeostatic Lipid Mediators in Ocular Hypertension-A Human Experimental Model. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
440	Inverse correlation between fatty acid transport protein 4 and vision in Leber congenital amaurosis associated with RPE65 mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 32114-32123	11.5	3
439	DHA modulates MANF and TREM2 abundance, enhances neurogenesis, reduces infarct size, and improves neurological function after experimental ischemic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2020 , 26, 1155-1167	6.8	6
438	Bioavailability and spatial distribution of fatty acids in the rat retina after dietary omega-3 supplementation. <i>Journal of Lipid Research</i> , 2020 , 61, 1733-1746	6.3	3
437	Reproductive State Modulates Retinal Sensitivity to Light in Female T̄gara Frogs. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 293	3.5	8

436	Learning from the Fly Photoreceptor on How Synapses Integrate Gene Expression to Sustain Retina and Brain Function. <i>Neuron</i> , 2019 , 101, 548-550	13.9	
435	Elovanoids counteract oligomeric β -amyloid-induced gene expression and protect photoreceptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24317-24325	11.5	27
434	Stereoselective Synthesis of Maresin-like Lipid Mediators. <i>Synlett</i> , 2019 , 30, 343-347	2.2	2
433	Platelet-Activating Factor (PAF) Receptor Antagonism Modulates Inflammatory Signaling in Experimental Uveitis. <i>Current Eye Research</i> , 2018 , 43, 821-827	2.9	4
432	A Nonsteroidal Novel Formulation Targeting Inflammatory and Pruritus-Related Mediators Modulates Experimental Allergic Contact Dermatitis. <i>Dermatology and Therapy</i> , 2018 , 8, 111-126	4	5
431	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
430	Ciliary neurotrophic factor (CNTF) protects retinal cone and rod photoreceptors by suppressing excessive formation of the visual pigments. <i>Journal of Biological Chemistry</i> , 2018 , 293, 15256-15268	5.4	16
429	Retinal Pigment Epithelium and Photoreceptor Preconditioning Protection Requires Docosanoid Signaling. <i>Cellular and Molecular Neurobiology</i> , 2018 , 38, 901-917	4.6	10
428	Stereoselective Total Synthesis of Macrophage-Produced Prohealing 14,21-Dihydroxy Docosahexaenoic Acids. <i>Journal of Organic Chemistry</i> , 2018 , 83, 154-166	4.2	6
427	Guidelines on experimental methods to assess mitochondrial dysfunction in cellular models of neurodegenerative diseases. <i>Cell Death and Differentiation</i> , 2018 , 25, 542-572	12.7	64
426	Enteral Arg-Gln Dipeptide Administration Increases Retinal Docosahexaenoic Acid and Neuroprotectin D1 in a Murine Model of Retinopathy of Prematurity 2018 , 59, 858-869		7
425	Docosanoids and elovanoids from omega-3 fatty acids are pro-homeostatic modulators of inflammatory responses, cell damage and neuroprotection. <i>Molecular Aspects of Medicine</i> , 2018 , 64, 18-33	16.7	72
424	Microtubule-Associated Protein 1 Light Chain 3B, (LC3B) Is Necessary to Maintain Lipid-Mediated Homeostasis in the Retinal Pigment Epithelium. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 351	6.1	18
423	Quantifying the relationship between optical anatomy and retinal physiological sensitivity: A comparative approach. <i>Journal of Comparative Neurology</i> , 2018 , 526, 3045-3057	3.4	5
422	Synthesis, hepatotoxic evaluation and antipyretic activity of nitrate ester analogs of the acetaminophen derivative SCP-1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 3798-3801	2.9	0
421	Docosanoids Promote Neurogenesis and Angiogenesis, Blood-Brain Barrier Integrity, Penumbra Protection, and Neurobehavioral Recovery After Experimental Ischemic Stroke. <i>Molecular Neurobiology</i> , 2018 , 55, 7090-7106	6.2	38
420	Neuroprotectin D1 upregulates Iduna expression and provides protection in cellular uncompensated oxidative stress and in experimental ischemic stroke. <i>Cell Death and Differentiation</i> , 2017 , 24, 1091-1099	12.7	33
419	Molecular mechanisms of signaling via the docosanoid neuroprotectin D1 for cellular homeostasis and neuroprotection. <i>Journal of Biological Chemistry</i> , 2017 , 292, 12390-12397	5.4	47

418	Thematic Minireview Series: Inflammatory transcription confronts homeostatic disruptions. <i>Journal of Biological Chemistry</i> , 2017 , 292, 12373-12374	5.4	
417	Defining a mechanistic link between pigment epithelium-derived factor, docosahexaenoic acid, and corneal nerve regeneration. <i>Journal of Biological Chemistry</i> , 2017 , 292, 18486-18499	5.4	40
416	Elovanoids are a novel class of homeostatic lipid mediators that protect neural cell integrity upon injury. <i>Science Advances</i> , 2017 , 3, e1700735	14.3	25
415	Elovanoids are novel cell-specific lipid mediators necessary for neuroprotective signaling for photoreceptor cell integrity. <i>Scientific Reports</i> , 2017 , 7, 5279	4.9	41
414	Molecular Principles for Decoding Homeostasis Disruptions in the Retinal Pigment Epithelium: Significance of Lipid Mediators to Retinal Degenerative Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 854, 385-91	3.6	1
413	Dysfunctional epileptic neuronal circuits and dysmorphic dendritic spines are mitigated by platelet-activating factor receptor antagonism. <i>Scientific Reports</i> , 2016 , 6, 30298	4.9	27
412	Omega-3 fatty acids and neuroinflammation in Alzheimer's disease: the unraveling of neurorestorative cell signaling. <i>Future Neurology</i> , 2016 , 11, 99-103	1.5	
411	Loss of diacylglycerol kinase epsilon in mice causes endothelial distress and impairs glomerular Cox-2 and PGE2 production. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, F895-908	4.3	16
410	Docosahexaenoic acid improves behavior and attenuates blood-brain barrier injury induced by focal cerebral ischemia in rats. <i>Experimental & Translational Stroke Medicine</i> , 2015 , 7, 3		35
409	The Docosanoid Neuroprotectin D1 Induces TH-Positive Neuronal Survival in a Cellular Model of Parkinson's Disease. <i>Cellular and Molecular Neurobiology</i> , 2015 , 35, 1127-36	4.6	11
408	Neuroinflammation in Alzheimer's disease. <i>Lancet Neurology, The</i> , 2015 , 14, 388-405	24.1	2760
407	Interferon-Stimulated Gene 15 Upregulation Precedes the Development of Blood-Brain Barrier Disruption and Cerebral Edema after Traumatic Brain Injury in Young Mice. <i>Journal of Neurotrauma</i> , 2015 , 32, 1101-8	5.4	9
406	Adiponectin receptor 1 conserves docosahexaenoic acid and promotes photoreceptor cell survival. <i>Nature Communications</i> , 2015 , 6, 6228	17.4	69
405	NPD1-mediated stereoselective regulation of BIRC3 expression through cREL is decisive for neural cell survival. <i>Cell Death and Differentiation</i> , 2015 , 22, 1363-77	12.7	26
404	Omega-3 polyunsaturated fatty acids improve mitochondrial dysfunction in brain aging--impact of Bcl-2 and NPD-1 like metabolites. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015 , 92, 23-31	2.8	67
403	Neuroprotectin D1 is synthesized in the cone photoreceptor cell line 661W and elicits protection against light-induced stress. <i>Cellular and Molecular Neurobiology</i> , 2015 , 35, 197-204	4.6	7
402	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015 , 22, 58-73	12.7	643
401	What is the therapeutic potential of neuroprotectin D1 for epilepsy?. <i>Future Neurology</i> , 2015 , 10, 395-400.5		

400	Hippocampal neuro-networks and dendritic spine perturbations in epileptogenesis are attenuated by neuroprotectin d1. <i>PLoS ONE</i> , 2015 , 10, e0116543	3.7	18
399	Docosahexaenoic acid complexed to albumin provides neuroprotection after experimental stroke in aged rats. <i>Neurobiology of Disease</i> , 2014 , 62, 1-7	7.5	35
398	Spatial organization of lipids in the human retina and optic nerve by MALDI imaging mass spectrometry. <i>Journal of Lipid Research</i> , 2014 , 55, 504-15	6.3	66
397	Docosahexaenoic acid confers enduring neuroprotection in experimental stroke. <i>Journal of the Neurological Sciences</i> , 2014 , 338, 135-41	3.2	49
396	Neuroprotectin/protectin D1: endogenous biosynthesis and actions on diabetic macrophages in promoting wound healing and innervation impaired by diabetes. <i>American Journal of Physiology - Cell Physiology</i> , 2014 , 307, C1058-67	5.4	34
395	Is there a molecular logic that sustains neuronal functional integrity and survival? Lipid signaling is necessary for neuroprotective neuronal transcriptional programs. <i>Molecular Neurobiology</i> , 2014 , 50, 1-5	6.2	13
394	On Rita Levi-Montalcini. <i>Molecular Neurobiology</i> , 2013 , 47, 443-5	6.2	
393	Inhibition of Myosin light-chain kinase attenuates cerebral edema after traumatic brain injury in postnatal mice. <i>Journal of Neurotrauma</i> , 2013 , 30, 1672-9	5.4	14
392	Mediator lipidomics in ophthalmology: targets for modulation in inflammation, neuroprotection and nerve regeneration. <i>Current Eye Research</i> , 2013 , 38, 995-1005	2.9	31
391	Rescue of hearing and vestibular function by antisense oligonucleotides in a mouse model of human deafness. <i>Nature Medicine</i> , 2013 , 19, 345-50	50.5	162
390	N-3 fatty acid rich triglyceride emulsions are neuroprotective after cerebral hypoxic-ischemic injury in neonatal mice. <i>PLoS ONE</i> , 2013 , 8, e56233	3.7	41
389	The docosanoid neuroprotectin D1 induces homeostatic regulation of neuroinflammation and cell survival. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013 , 88, 127-9	2.8	40
388	EPAC inhibition of SUR1 receptor increases glutamate release and seizure vulnerability. <i>Journal of Neuroscience</i> , 2013 , 33, 8861-5	6.6	13
387	Fatty acid transport protein 4 (FATP4) prevents light-induced degeneration of cone and rod photoreceptors by inhibiting RPE65 isomerase. <i>Journal of Neuroscience</i> , 2013 , 33, 3178-89	6.6	28
386	Receptor interacting protein kinase-mediated necrosis contributes to cone and rod photoreceptor degeneration in the retina lacking interphotoreceptor retinoid-binding protein. <i>Journal of Neuroscience</i> , 2013 , 33, 17458-68	6.6	67
385	Neuroprotectin D1 restores corneal nerve integrity and function after damage from experimental surgery 2013 , 54, 4109-16		56
384	Docosahexaenoic acid and its derivative neuroprotectin D1 display neuroprotective properties in the retina, brain and central nervous system. <i>Nestle Nutrition Institute Workshop Series</i> , 2013 , 77, 121-31	1.9	25
383	DGKE variants cause a glomerular microangiopathy that mimics membranoproliferative GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 377-84	12.7	117

382	Secretary defect and cytotoxicity: the potential disease mechanisms for the retinitis pigmentosa (RP)-associated interphotoreceptor retinoid-binding protein (IRBP). <i>Journal of Biological Chemistry</i> , 2013 , 288, 11395-406	5.4	28
381	Acute treatment with docosahexaenoic acid complexed to albumin reduces injury after a permanent focal cerebral ischemia in rats. <i>PLoS ONE</i> , 2013 , 8, e77237	3.7	23
380	Microglial ramification and redistribution concomitant with the attenuation of choroidal neovascularization by neuroprotectin D1. <i>Molecular Vision</i> , 2013 , 19, 1747-59	2.3	38
379	Stereocontrolled total synthesis of neuroprotectin D1 / protectin D1 and its aspirin-triggered stereoisomer. <i>Tetrahedron Letters</i> , 2012 , 53, 1695-1698	2	37
378	Docosahexaenoic acid complexed to human albumin in experimental stroke: neuroprotective efficacy with a wide therapeutic window. <i>Experimental & Translational Stroke Medicine</i> , 2012 , 4, 19		23
377	Neuroinflammation and proteostasis are modulated by endogenously biosynthesized neuroprotectin D1. <i>Molecular Neurobiology</i> , 2012 , 46, 221-6	6.2	12
376	Apoptosis and Necrosis 2012 , 663-676		5
375	Superior Neuroprotective Efficacy of LAU-0901, a Novel Platelet-Activating Factor Antagonist, in Experimental Stroke. <i>Translational Stroke Research</i> , 2012 , 3, 154-63	7.8	15
374	Novel aspirin-triggered neuroprotectin D1 attenuates cerebral ischemic injury after experimental stroke. <i>Experimental Neurology</i> , 2012 , 236, 122-30	5.7	81
373	Docosahexaenoic acid signaling modulates cell survival in experimental ischemic stroke penumbra and initiates long-term repair in young and aged rats. <i>PLoS ONE</i> , 2012 , 7, e46151	3.7	64
372	Neuroinflammation 2012 , 610-620		9
371	Brain Ischemia and Reperfusion 2012 , 621-642		1
370	Lipid Mediators 2012 , 643-662		3
369	Ataxin-1 poly(Q)-induced proteotoxic stress and apoptosis are attenuated in neural cells by docosahexaenoic acid-derived neuroprotectin D1. <i>Journal of Biological Chemistry</i> , 2012 , 287, 23726-39	5.4	24
368	Recovery of corneal sensitivity, calcitonin gene-related peptide-positive nerves, and increased wound healing induced by pigment epithelial-derived factor plus docosahexaenoic acid after experimental surgery. <i>JAMA Ophthalmology</i> , 2012 , 130, 76-83		56
367	Docosahexaenoic Acid Signalolipidomics in the Homeostatic Modulation of Photoreceptor/Retinal Pigment Epithelial Cell Integrity During Oxidative Stress 2012 , 141-163		
366	Spatial correlation of mouse photoreceptor-RPE thickness between SD-OCT and histology. <i>Experimental Eye Research</i> , 2011 , 92, 155-60	3.7	37
365	Cellular and 3D optical coherence tomography assessment during the initiation and progression of retinal degeneration in the Ccl2/Cx3cr1-deficient mouse. <i>Experimental Eye Research</i> , 2011 , 93, 636-48	3.7	24

364	Docosahexaenoic acid (DHA) in stroke, Alzheimer's disease, and blinding retinal degenerations: coping with neuroinflammation and sustaining cell survival. <i>Oleagineux Corps Gras Lipides</i> , 2011 , 18, 208-213		
363	Docosahexaenoic acid-derived neuroprotectin D1 induces neuronal survival via secretase- and PPAR γ -mediated mechanisms in Alzheimer's disease models. <i>PLoS ONE</i> , 2011 , 6, e15816	3.7	174
362	The omega-3 fatty acid-derived neuroprotectin D1 limits hippocampal hyperexcitability and seizure susceptibility in kindling epileptogenesis. <i>Epilepsia</i> , 2011 , 52, 1601-8	6.4	50
361	Novel proresolving aspirin-triggered DHA pathway. <i>Chemistry and Biology</i> , 2011 , 18, 976-87		118
360	Docosahexaenoic acid signal lipidomics in nutrition: significance in aging, neuroinflammation, macular degeneration, Alzheimer's, and other neurodegenerative diseases. <i>Annual Review of Nutrition</i> , 2011 , 31, 321-51	9.9	306
359	Rita's 102!!. <i>Molecular Neurobiology</i> , 2011 , 43, 77-9	6.2	2
358	Neuroprotectin D1 induces neuronal survival and downregulation of amyloidogenic processing in Alzheimer's disease cellular models. <i>Molecular Neurobiology</i> , 2011 , 43, 131-8	6.2	32
357	Endogenous signaling by omega-3 docosahexaenoic acid-derived mediators sustains homeostatic synaptic and circuitry integrity. <i>Molecular Neurobiology</i> , 2011 , 44, 216-22	6.2	91
356	Docosahexaenoic Acid therapy of experimental ischemic stroke. <i>Translational Stroke Research</i> , 2011 , 2, 33-41	7.8	127
355	Aspirin-triggered lipoxin A4 (15-epi-LXA4) increases the endothelial viability of human corneas storage in Optisol-GS. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011 , 27, 235-41	2.6	13
354	EGF stimulates lipoxin A4 synthesis and modulates repair in corneal epithelial cells through ERK and p38 activation 2011 , 52, 2240-9		37
353	Synaptic and extrasynaptic NMDA receptors differentially modulate neuronal cyclooxygenase-2 function, lipid peroxidation, and neuroprotection. <i>Journal of Neuroscience</i> , 2011 , 31, 13710-21	6.6	53
352	Neuroprotectin D1 synthesis and corneal nerve regeneration after experimental surgery and treatment with PEDF plus DHA 2010 , 51, 804-10		71
351	Lipid-mediated cell signaling protects against injury and neurodegeneration. <i>Journal of Nutrition</i> , 2010 , 140, 858-63	4.1	31
350	Neuroprotectin D1 induces dephosphorylation of Bcl-xL in a PP2A-dependent manner during oxidative stress and promotes retinal pigment epithelial cell survival. <i>Journal of Biological Chemistry</i> , 2010 , 285, 18301-8	5.4	52
349	Agrin downregulation induced by nerve injury contributes to neuropathic pain. <i>Journal of Neuroscience</i> , 2010 , 30, 15286-97	6.6	5
348	Rescue and repair during photoreceptor cell renewal mediated by docosahexaenoic acid-derived neuroprotectin D1. <i>Journal of Lipid Research</i> , 2010 , 51, 2018-31	6.3	103
347	PI3K/Akt and mTOR/p70S6K pathways mediate neuroprotectin D1-induced retinal pigment epithelial cell survival during oxidative stress-induced apoptosis. <i>Experimental Eye Research</i> , 2010 , 90, 718-25	3.7	87

346	Mapping the entire human corneal nerve architecture. <i>Experimental Eye Research</i> , 2010 , 91, 513-23	3.7	113
345	Neuroprotectin D1/protectin D1 stereoselective and specific binding with human retinal pigment epithelial cells and neutrophils. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010 , 82, 27-34	2.8	83
344	Inflammatory, apoptotic, and survival gene signaling in Alzheimer's disease. A review on the bioactivity of neuroprotectin D1 and apoptosis. <i>Molecular Neurobiology</i> , 2010 , 42, 10-6	6.2	44
343	Omega-3 essential fatty acids modulate initiation and progression of neurodegenerative disease. <i>Molecular Neurobiology</i> , 2010 , 41, 367-74	6.2	97
342	NPD1 induction of retinal pigment epithelial cell survival involves PI3K/Akt phosphorylation signaling. <i>Neurochemical Research</i> , 2010 , 35, 1944-7	4.6	21
341	Docosahexaenoic acid neurolipidomics. <i>Prostaglandins and Other Lipid Mediators</i> , 2010 , 91, 85-9	3.7	75
340	Deafness and retinal degeneration in a novel USH1C knock-in mouse model. <i>Developmental Neurobiology</i> , 2010 , 70, 253-67	3.2	41
339	Neuroprotectin D1 attenuates laser-induced choroidal neovascularization in mouse. <i>Molecular Vision</i> , 2010 , 16, 320-9	2.3	32
338	Neuroprotectin D1 modulates the induction of pro-inflammatory signaling and promotes retinal pigment epithelial cell survival during oxidative stress. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 664, 663-70	3.6	16
337	Robust docosahexaenoic acid-mediated neuroprotection in a rat model of transient, focal cerebral ischemia. <i>Stroke</i> , 2009 , 40, 3121-6	6.7	143
336	A novel platelet activating factor receptor antagonist reduces cell infiltration and expression of inflammatory mediators in mice exposed to desiccating conditions after PRK. <i>Clinical and Developmental Immunology</i> , 2009 , 2009, 138513		7
335	Neuroprotectin D1-mediated anti-inflammatory and survival signaling in stroke, retinal degenerations, and Alzheimer's disease. <i>Journal of Lipid Research</i> , 2009 , 50 Suppl, S400-5	6.3	174
334	Selective survival rescue in 15-lipoxygenase-1-deficient retinal pigment epithelial cells by the novel docosahexaenoic acid-derived mediator, neuroprotectin D1. <i>Journal of Biological Chemistry</i> , 2009 , 284, 17877-82	5.4	77
333	Simplified lentivirus vector production in protein-free media using polyethylenimine-mediated transfection. <i>Journal of Virological Methods</i> , 2009 , 157, 113-21	2.6	75
332	LAU-0901, a novel platelet-activating factor receptor antagonist, confers enduring neuroprotection in experimental focal cerebral ischemia in the rat. <i>Brain Research</i> , 2009 , 1253, 184-90	3.7	12
331	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. <i>Cell Death and Differentiation</i> , 2009 , 16, 1093-107	12.7	533
330	Is NF-kappa B from astrocytes a decision maker of neuronal life or death? (Commentary on Dvorianchikova et al.). <i>European Journal of Neuroscience</i> , 2009 , 30, 173-4	3.5	4
329	Calcium-independent phospholipase A2 regulates retinal pigment epithelium proliferation and may be important in the pathogenesis of retinal diseases. <i>Experimental Eye Research</i> , 2009 , 89, 383-91	3.7	9

328	Cellular and molecular events mediated by docosahexaenoic acid-derived neuroprotectin D1 signaling in photoreceptor cell survival and brain protection. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2009 , 81, 205-11	2.8	127
327	Omega-3 fatty acid docosahexaenoic acid is the precursor of neuroprotectin D1 in the nervous system. <i>World Review of Nutrition and Dietetics</i> , 2009 , 99, 46-54	0.2	20
326	A transcriptomic approach to the survival signaling enhanced by Neuroprotectin D1 in response to oxidative stress. <i>FASEB Journal</i> , 2009 , 23, LB266	0.9	
325	Neuroprotectin D1 exerts potent anti-apoptotic and anti-amyloidogenic effects in human neural cell models of Alzheimer's disease. <i>FASEB Journal</i> , 2009 , 23, 926.4	0.9	
324	n-3 Fatty Acids Are Neuroprotective After Cerebral Hypoxia-Ischemia In Rodent Models. <i>FASEB Journal</i> , 2009 , 23, 334.5	0.9	1
323	Brain Response to Injury and Neurodegeneration. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1053, 137-147	6.5	6
322	LAU-0901, a novel platelet-activating factor antagonist, is highly neuroprotective in cerebral ischemia. <i>Experimental Neurology</i> , 2008 , 214, 253-8	5.7	26
321	Glutamate-mediated CA ⁺⁺ influx and nuclear damage in retinal ganglion cells purified by panning: role of glia. <i>Journal of Neurochemistry</i> , 2008 , 81, 101-105	6	
320	Docosahexaenoic acid and the aging brain. <i>Journal of Nutrition</i> , 2008 , 138, 2510-4	4.1	172
319	A comparative analysis of constitutive and cell-specific promoters in the adult mouse hippocampus using lentivirus vector-mediated gene transfer. <i>Journal of Gene Medicine</i> , 2008 , 10, 1163-75	3.5	32
318	Hyperbaric oxygen improves rate of return of spontaneous circulation after prolonged normothermic porcine cardiopulmonary arrest. <i>Resuscitation</i> , 2008 , 78, 200-14	4	8
317	PEDF Promotes Biosynthesis of a Novel Anti-inflammatory and Anti-apoptotic Mediator NPD1 in Retinal Pigment Epithelial Cells. <i>Ochsner Journal</i> , 2008 , 8, 39-43	1.5	3
316	Neurotrophins induce neuroprotective signaling in the retinal pigment epithelial cell by activating the synthesis of the anti-inflammatory and anti-apoptotic neuroprotectin D1. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 613, 39-44	3.6	37
315	Synthesis and in vivo evaluation of non-hepatotoxic acetaminophen analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 2206-15	3.4	26
314	Platelet activating factor-induced neuronal apoptosis is initiated independently of its G-protein coupled PAF receptor and is inhibited by the benzoate orsellinic acid. <i>Journal of Neurochemistry</i> , 2007 , 103, 88-97	6	31
313	Comparative in vivo high-resolution confocal microscopy of corneal epithelium, sub-basal nerves and stromal cells in mice with and without dry eye after photorefractive keratectomy. <i>Clinical and Experimental Ophthalmology</i> , 2007 , 35, 545-9	2.4	19
312	Neurotrophins enhance retinal pigment epithelial cell survival through neuroprotectin D1 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13152-7	11.5	139
311	Photoreceptor outer segment phagocytosis attenuates oxidative stress-induced apoptosis with concomitant neuroprotectin D1 synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13158-63	11.5	91

310	Identification of intracellular phospholipases A2 in the human eye: involvement in phagocytosis of photoreceptor outer segments. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 1401-9		30
309	Homeostatic regulation of photoreceptor cell integrity: significance of the potent mediator neuroprotectin D1 biosynthesized from docosahexaenoic acid: the Proctor Lecture. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4866-81; biography 4864-5		93
308	Omega-3 fatty acids, pro-inflammatory signaling and neuroprotection. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2007 , 10, 136-41	3.8	182
307	Human secretory phospholipase A(2), group IB in normal eyes and in eye diseases. <i>Acta Ophthalmologica</i> , 2007 , 85, 317-23		11
306	Characterization and location of secretory phospholipase A2 groups IIE, V, and X in the rat brain. <i>Journal of Neuroscience Research</i> , 2006 , 83, 874-82	4.4	21
305	A2E selectively induces cox-2 in ARPE-19 and human neural cells. <i>Current Eye Research</i> , 2006 , 31, 259-63	2.9	9
304	Alkali-induced corneal stromal melting prevention by a novel platelet-activating factor receptor antagonist. <i>JAMA Ophthalmology</i> , 2006 , 124, 70-8		33
303	Opposing crosstalk between leptin and glucocorticoids rapidly modulates synaptic excitation via endocannabinoid release. <i>Journal of Neuroscience</i> , 2006 , 26, 6643-50	6.6	211
302	Selective relocalization and proteasomal downregulation of PKCalpha induced by platelet-activating factor in retinal pigment epithelium. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 397-404		7
301	c-Jun N-terminal kinase activation responses induced by hippocampal kindling are mediated by reactive astrocytes. <i>Journal of Neuroscience</i> , 2006 , 26, 8295-304	6.6	37
300	Survival signaling in retinal pigment epithelial cells in response to oxidative stress: significance in retinal degenerations. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 572, 531-40	3.6	34
299	Altered NMDA receptor trafficking contributes to sleep deprivation-induced hippocampal synaptic and cognitive impairments. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 340, 435-40	3.4	81
298	Allodynia and hyperalgesia suppression by a novel analgesic in experimental neuropathic pain. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 350, 358-63	3.4	10
297	Eliminating the adrenal stress response does not affect sleep deprivation-induced acquisition deficits in the water maze. <i>Life Sciences</i> , 2006 , 78, 2833-8	6.8	50
296	Wound-healing response and refractive regression after conductive keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2006 , 32, 480-6	2.3	20
295	Cell survival matters: docosahexaenoic acid signaling, neuroprotection and photoreceptors. <i>Trends in Neurosciences</i> , 2006 , 29, 263-71	13.3	282
294	Survival signalling in Alzheimer's disease. <i>Biochemical Society Transactions</i> , 2006 , 34, 1277-82	5.1	55
293	Diacylglycerol kinase epsilon modulates rapid kindling epileptogenesis. <i>Epilepsia</i> , 2006 , 47, 267-76	6.4	28

292	Sleep deprivation-induced alterations in excitatory synaptic transmission in the CA1 region of the rat hippocampus. <i>Journal of Physiology</i> , 2006 , 570, 553-65	3.9	126
291	The onset of brain injury and neurodegeneration triggers the synthesis of docosanoid neuroprotective signaling. <i>Cellular and Molecular Neurobiology</i> , 2006 , 26, 901-13	4.6	73
290	Neuroprotection by platelet-activating factor antagonism. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1053, 455-6	6.5	6
289	Docosahexaenoic acid complexed to albumin elicits high-grade ischemic neuroprotection. <i>Stroke</i> , 2005 , 36, 118-23	6.7	119
288	Budesonide epimer R, LAU-8080 and phenyl butyl nitron synergistically repress cyclooxygenase-2 induction in [IL-1beta+Abeta42]-stressed human neural cells. <i>Neuroscience Letters</i> , 2005 , 380, 176-80	3.3	7
287	Comparison of corneal wound-healing response in photorefractive keratectomy and laser-assisted subepithelial keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 2005 , 31, 1632-9	2.3	42
286	Epileptogenesis in diacylglycerol kinase epsilon deficiency up-regulates COX-2 and tyrosine hydroxylase in hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 77-81	3.4	17
285	Oxidative stress-induced retinal damage up-regulates DNA polymerase gamma and 8-oxoguanine-DNA-glycosylase in photoreceptor synaptic mitochondria. <i>Experimental Eye Research</i> , 2005 , 81, 742-50	3.7	27
284	Differential induction of c-Jun and Fos-like proteins in rat hippocampus and dorsal striatum after training in two water maze tasks. <i>Neurobiology of Learning and Memory</i> , 2005 , 84, 75-84	3.1	70
283	Neuroprotectin D1 (NPD1): a DHA-derived mediator that protects brain and retina against cell injury-induced oxidative stress. <i>Brain Pathology</i> , 2005 , 15, 159-66	6	244
282	Endogenous PGE2 regulates membrane excitability and synaptic transmission in hippocampal CA1 pyramidal neurons. <i>Journal of Neurophysiology</i> , 2005 , 93, 929-41	3.2	119
281	Use of autologous serum in corneal epithelial defects post-lamellar surgery. <i>Cornea</i> , 2005 , 24, 992-7	3.1	16
280	Synaptic signaling by lipids in the life and death of neurons. <i>Molecular Neurobiology</i> , 2005 , 31, 219-30	6.2	38
279	Lipid signaling in neural plasticity, brain repair, and neuroprotection. <i>Molecular Neurobiology</i> , 2005 , 32, 89-103	6.2	171
278	Activity-dependent release and actions of endocannabinoids in the rat hypothalamic supraoptic nucleus. <i>Journal of Physiology</i> , 2005 , 569, 751-60	3.9	94
277	Targeted lipidomics: signaling lipids and drugs of abuse. <i>Prostaglandins and Other Lipid Mediators</i> , 2005 , 77, 223-34	3.7	10
276	Lipid signaling: sleep, synaptic plasticity, and neuroprotection. <i>Prostaglandins and Other Lipid Mediators</i> , 2005 , 77, 65-76	3.7	142
275	Heterogeneous expression and regulation of hippocampal prostaglandin E2 receptors. <i>Journal of Neuroscience Research</i> , 2005 , 81, 817-26	4.4	35

274	Lipid signaling in experimental epilepsy. <i>Neurochemical Research</i> , 2005 , 30, 847-53	4.6	38
273	Alzheimer's disease--a dysfunction in cholesterol and lipid metabolism. <i>Cellular and Molecular Neurobiology</i> , 2005 , 25, 475-83	4.6	40
272	Expression and induction of secretory phospholipase A2 group IB in brain. <i>Cellular and Molecular Neurobiology</i> , 2005 , 25, 1107-22	4.6	20
271	Rapid glucocorticoid-mediated endocannabinoid release and opposing regulation of glutamate and gamma-aminobutyric acid inputs to hypothalamic magnocellular neurons. <i>Endocrinology</i> , 2005 , 146, 4292-301	4.8	235
270	A role for docosahexaenoic acid-derived neuroprotectin D1 in neural cell survival and Alzheimer disease. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2774-83	15.9	633
269	Postsynaptically synthesized prostaglandin E2 (PGE2) modulates hippocampal synaptic transmission via a presynaptic PGE2 EP2 receptor. <i>Journal of Neuroscience</i> , 2005 , 25, 9858-70	6.6	145
268	Epidermal and hepatocyte growth factors, but not keratinocyte growth factor, modulate protein kinase Calpha translocation to the plasma membrane through 15(S)-hydroxyeicosatetraenoic acid synthesis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 7917-24	5.4	39
267	Topical combination of NGF and DHA increases rabbit corneal nerve regeneration after photorefractive keratectomy. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 3121-7		78
266	Brain response to injury and neurodegeneration: endogenous neuroprotective signaling. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1053, 137-47	6.5	99
265	Neuroprotection by Platelet-Activating Factor Antagonism. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1053, 455-456	6.5	5
264	Platelet-activating factor (PAF) induces corneal neovascularization and upregulates VEGF expression in endothelial cells. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 2915-21		45
263	Neuroprotectin D1: a docosahexaenoic acid-derived docosatriene protects human retinal pigment epithelial cells from oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8491-6	11.5	629
262	Activation of platelet-activating factor receptor-coupled G alpha q leads to stimulation of Src and focal adhesion kinase via two separate pathways in human umbilical vein endothelial cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 3497-508	5.4	52
261	Platelet-activating factor (PAF) induces activation of matrix metalloproteinase 2 activity and vascular endothelial cell invasion and migration. <i>FASEB Journal</i> , 2004 , 18, 568-70	0.9	45
260	Platelet-activating factor receptor-deficient mice are protected from experimental sleep apnea-induced learning deficits. <i>Journal of Neurochemistry</i> , 2004 , 89, 189-96	6	56
259	Sleep deprivation impairs hippocampus-mediated contextual learning but not amygdala-mediated cued learning in rats. <i>European Journal of Neuroscience</i> , 2004 , 19, 3121-4	3.5	82
258	Effects of hyperglycemia and hypercapnia on lipid metabolism during complete brain ischemia. <i>Brain Research</i> , 2004 , 1030, 133-40	3.7	7
257	Cyclooxygenase-3 gene expression in Alzheimer hippocampus and in stressed human neural cells. <i>Neurochemical Research</i> , 2004 , 29, 1731-7	4.6	49

256	Interplay among platelet-activating factor, oxidative stress, and group I metabotropic glutamate receptors modulates neuronal survival. <i>Journal of Neuroscience Research</i> , 2004 , 77, 525-31	4.4	27
255	Expression and location of mRNAs encoding multiple forms of secretory phospholipase A2 in the rat retina. <i>Journal of Neuroscience Research</i> , 2004 , 77, 517-24	4.4	16
254	Prevention of experimental diffuse lamellar keratitis using a novel platelet-activating factor receptor antagonist. <i>Journal of Cataract and Refractive Surgery</i> , 2004 , 30, 884-91	2.3	15
253	VEGF-mediated endothelial P-selectin translocation: role of VEGF receptors and endogenous PAF synthesis. <i>Blood</i> , 2004 , 103, 3789-97	2.2	46
252	Lipid Second Messengers and Receptors 2004 , 182-187		
251	Arachidonate remodeling, platelet-activating factor signaling, and the inflammatory response in the central nervous system 2004 , 131-143		
250	Hypoxia activates matrix metalloproteinase expression and the VEGF system in monkey choroid-retinal endothelial cells: Involvement of cytosolic phospholipase A2 activity. <i>Molecular Vision</i> , 2004 , 10, 341-50	2.3	59
249	Cholesterol, ßamyloid, and Alzheimer's disease. <i>Advances in Cell Aging and Gerontology</i> , 2003 , 12, 163-175		
248	Novel docosanoids inhibit brain ischemia-reperfusion-mediated leukocyte infiltration and pro-inflammatory gene expression. <i>Journal of Biological Chemistry</i> , 2003 , 278, 43807-17	5.4	607
247	Acetaminophen modifies hippocampal synaptic plasticity via a presynaptic 5-HT2 receptor. <i>NeuroReport</i> , 2003 , 14, 743-7	1.7	15
246	Retinal docosahexaenoic acid, age-related diseases, and glaucoma. <i>Advances in Cell Aging and Gerontology</i> , 2003 , 205-222		
245	Sleep deprivation causes behavioral, synaptic, and membrane excitability alterations in hippocampal neurons. <i>Journal of Neuroscience</i> , 2003 , 23, 9687-95	6.6	302
244	DNA repair in photoreceptor survival. <i>Molecular Neurobiology</i> , 2003 , 28, 111-22	6.2	7
243	Hippocampal kindling epileptogenesis upregulates neuronal cyclooxygenase-2 expression in neocortex. <i>Experimental Neurology</i> , 2003 , 179, 167-75	5.7	86
242	Neuronal damage by secretory phospholipase A2: modulation by cytosolic phospholipase A2, platelet-activating factor, and cyclooxygenase-2 in neuronal cells in culture. <i>Neuroscience Letters</i> , 2003 , 338, 164-8	3.3	37
241	Synaptic lipid signaling: significance of polyunsaturated fatty acids and platelet-activating factor. <i>Journal of Lipid Research</i> , 2003 , 44, 2221-33	6.3	197
240	Coordinate activation of HIF-1 and NF-kappaB DNA binding and COX-2 and VEGF expression in retinal cells by hypoxia. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 4163-70		110
239	Light-induced photoreceptor damage triggers DNA repair: differential fate of rods and cones. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 533, 229-40	3.6	12

238	Cyclooxygenase-2 regulates prostaglandin E2 signaling in hippocampal long-term synaptic plasticity. <i>Journal of Neurophysiology</i> , 2002 , 87, 2851-7	3.2	247
237	Prostaglandins and other lipid mediators in Alzheimer's disease. <i>Prostaglandins and Other Lipid Mediators</i> , 2002 , 68-69, 197-210	3.7	119
236	Cholesterol, oxidative stress, and Alzheimer's disease: expanding the horizons of pathogenesis. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 173-81	7.8	62
235	Secreted phospholipase A2 potentiates glutamate-induced calcium increase and cell death in primary neuronal cultures. <i>Journal of Neuroscience Research</i> , 2002 , 67, 634-45	4.4	49
234	Platelet-activating factor induces permeability transition and cytochrome c release in isolated brain mitochondria. <i>Journal of Neuroscience Research</i> , 2002 , 69, 39-50	4.4	34
233	Glutamate signalling and secretory phospholipase A2 modulate the release of arachidonic acid from neuronal membranes. <i>Journal of Neuroscience Research</i> , 2002 , 68, 558-67	4.4	33
232	Secretory phospholipase A(2) induces delayed neuronal COX-2 expression compared with glutamate. <i>Journal of Neuroscience Research</i> , 2002 , 69, 169-77	4.4	10
231	Gene expression profiling of 12633 genes in Alzheimer hippocampal CA1: transcription and neurotrophic factor down-regulation and up-regulation of apoptotic and pro-inflammatory signaling. <i>Journal of Neuroscience Research</i> , 2002 , 70, 462-73	4.4	45 ^o
230	Systemic fatty acid responses to transient focal cerebral ischemia: influence of neuroprotectant therapy with human albumin. <i>Journal of Neurochemistry</i> , 2002 , 83, 515-24	6	79
229	Regulatory region variability in the human presenilin-2 (PSEN2) gene: potential contribution to the gene activity and risk for AD. <i>Molecular Psychiatry</i> , 2002 , 7, 891-8	15.1	35
228	Immediate and delayed VEGF-mediated NO synthesis in endothelial cells: role of PI3K, PKC and PLC pathways. <i>British Journal of Pharmacology</i> , 2002 , 137, 1021-30	8.6	121
227	Hypoxia signaling to genes: significance in Alzheimer's disease. <i>Molecular Neurobiology</i> , 2002 , 26, 283-98.2		72
226	Phosphorylation of STAT-3 in response to basic fibroblast growth factor occurs through a mechanism involving platelet-activating factor, JAK-2, and Src in human umbilical vein endothelial cells. Evidence for a dual kinase mechanism. <i>Journal of Biological Chemistry</i> , 2002 , 277, 21237-45	5.4	91
225	Cyclooxygenase-2 and presenilin-1 gene expression induced by interleukin-1beta and amyloid beta 42 peptide is potentiated by hypoxia in primary human neural cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 30359-67	5.4	86
224	Post-training cyclooxygenase-2 (COX-2) inhibition impairs memory consolidation. <i>Learning and Memory</i> , 2002 , 9, 41-7	2.8	114
223	Secretory phospholipase A2-mediated neuronal cell death involves glutamate ionotropic receptors. <i>NeuroReport</i> , 2002 , 13, 1963-6	1.7	38
222	What synaptic lipid signaling tells us about seizure-induced damage and epileptogenesis. <i>Progress in Brain Research</i> , 2002 , 135, 175-85	2.9	52
221	DNA damage and repair in light-induced photoreceptor degeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 3511-21		55

220	Gene expression analyzed by microarrays in HSV-1 latent mouse trigeminal ganglion following heat stress. <i>Virus Genes</i> , 2001 , 23, 273-80	2.3	40
219	Differential interaction of platelet-activating factor and NMDA receptor function in hippocampal and dorsal striatal memory processes. <i>Neurobiology of Learning and Memory</i> , 2001 , 75, 310-24	3.1	20
218	Effects of topical unoprostone and latanoprost on acute and recurrent herpetic keratitis in the rabbit. <i>American Journal of Ophthalmology</i> , 2001 , 131, 643-6	4.9	31
217	Attenuated LTP in hippocampal dentate gyrus neurons of mice deficient in the PAF receptor. <i>Journal of Neurophysiology</i> , 2001 , 85, 384-90	3.2	54
216	Presenilin-2 (PS2) expression up-regulation in a model of retinopathy of prematurity and pathoangiogenesis. <i>NeuroReport</i> , 2001 , 12, 53-7	1.7	35
215	Photoreceptor phagocytosis selectively activates PPARgamma expression in retinal pigment epithelial cells. <i>Journal of Neuroscience Research</i> , 2000 , 60, 328-37	4.4	61
214	Alterations in lipid and calcium metabolism associated with seizure activity in the postischemic brain. <i>Journal of Neurochemistry</i> , 2000 , 75, 2521-7	6	7
213	Cortical impact injury in rats promotes a rapid and sustained increase in polyunsaturated free fatty acids and diacylglycerols. <i>Neurochemical Research</i> , 2000 , 25, 269-76	4.6	42
212	Neuroinflammatory signaling upregulation in Alzheimer's disease. <i>Neurochemical Research</i> , 2000 , 25, 1173-84	4.6	118
211	Modulation of early response gene expression by prostaglandins in cultured rat retinal pigment epithelium cells. <i>Current Eye Research</i> , 2000 , 21, 968-74	2.9	13
210	The interleukin-1 type 2 receptor gene displays immediate early gene responsiveness in glucocorticoid-stimulated human epidermal keratinocytes. <i>Journal of Biological Chemistry</i> , 1999 , 274, 8630-8	5.4	10
209	Glutamate receptor signaling interplay modulates stress-sensitive mitogen-activated protein kinases and neuronal cell death. <i>Journal of Biological Chemistry</i> , 1999 , 274, 6493-8	5.4	81
208	Neuroprotection by pigment epithelial-derived factor against glutamate toxicity in developing primary hippocampal neurons. <i>Journal of Neuroscience Research</i> , 1999 , 56, 604-10	4.4	75
207	Selective retinal pigment epithelial cell lipid metabolism and remodeling conserves photoreceptor docosahexaenoic acid following phagocytosis. <i>Journal of Neuroscience Research</i> , 1999 , 57, 479-486	4.4	33
206	Induction of cyclooxygenase-2 gene expression in retinal pigment epithelium cells by photoreceptor rod outer segment phagocytosis and growth factors 1999 , 58, 254-261		30
205	Interleukin-1 beta activates expression of cyclooxygenase-2 and inducible nitric oxide synthase in primary hippocampal neuronal culture: Platelet-activating factor as a preferential mediator of cyclooxygenase-2 expression 1999 , 58, 593-598		75
204	Secretory phospholipase A2 potentiates glutamate-induced rat striatal neuronal cell death in vivo. <i>Neuroscience Letters</i> , 1999 , 274, 167-70	3.3	33
203	Platelet-activating factor inhibits ionotropic GABA receptor activity in cultured hippocampal neurons. <i>NeuroReport</i> , 1999 , 10, 3831-5	1.7	14

202	Induction of cyclooxygenase-2 gene expression in retinal pigment epithelium cells by photoreceptor rod outer segment phagocytosis and growth factors 1999 , 58, 254		1
201	Run-on gene transcription in human neocortical nuclei. Inhibition by nanomolar aluminum and implications for neurodegenerative disease. <i>Journal of Molecular Neuroscience</i> , 1998 , 11, 67-78	3.3	51
200	Platelet-activating factor is a downstream messenger of kainate-induced activation of mitogen-activated protein kinases in primary hippocampal neurons. <i>Journal of Neuroscience Research</i> , 1998 , 53, 297-303	4.4	32
199	Strong nuclear factor-kappaB-DNA binding parallels cyclooxygenase-2 gene transcription in aging and in sporadic Alzheimer's disease superior temporal lobe neocortex. <i>Journal of Neuroscience Research</i> , 1998 , 53, 583-92	4.4	166
198	Recombinant plasma-type platelet-activating factor acetylhydrolase attenuates NMDA-induced hippocampal neuronal apoptosis. <i>Journal of Neuroscience Research</i> , 1998 , 53, 677-84	4.4	36
197	Temporal changes in gene expression following cryogenic rat brain injury. <i>Molecular Brain Research</i> , 1998 , 55, 9-19		36
196	Simultaneous analysis of multiple gene expression patterns as a function of development, injury or senescence. <i>Brain Research Protocols</i> , 1998 , 3, 1-6		6
195	Dominant expression of rat prostanoid DP receptor mRNA in leptomeninges, inner segments of photoreceptor cells, iris epithelium, and ciliary processes. <i>Journal of Neurochemistry</i> , 1998 , 71, 937-45	6	42
194	Selective changes in protein kinase C (PKC) isoform expression in rabbit corneal epithelium during wound healing. Inhibition of corneal epithelial repair by PKCalpha antisense. <i>Experimental Eye Research</i> , 1998 , 67, 603-10	3.7	24
193	Effects of posttraining intrahippocampal injections of platelet-activating factor and PAF antagonists on memory. <i>Neurobiology of Learning and Memory</i> , 1998 , 70, 349-63	3.1	27
192	KID-1, a protein kinase induced by depolarization in brain. <i>Journal of Biological Chemistry</i> , 1998 , 273, 16535-43	5.4	81
191	The neuromessenger platelet-activating factor in plasticity and neurodegeneration. <i>Progress in Brain Research</i> , 1998 , 118, 281-91	2.9	72
190	Budesonide epimer R or dexamethasone selectively inhibit platelet-activating factor-induced or interleukin 1beta-induced DNA binding activity of cis-acting transcription factors and cyclooxygenase-2 gene expression in human epidermal keratinocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 3914-9	11.5	66
189	Strong nuclear factor-B-DNA binding parallels cyclooxygenase-2 gene transcription in aging and in sporadic alzheimer's disease superior temporal lobe neocortex 1998 , 53, 583		2
188	Bioactive lipids and gene expression in neuronal plasticity. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 446, 37-49	3.6	2
187	Post-Golgi vesicles cotransport docosahexaenoyl-phospholipids and rhodopsin during frog photoreceptor membrane biogenesis. <i>Journal of Biological Chemistry</i> , 1997 , 272, 10491-7	5.4	45
186	Signal transduction and gene expression in the eye: a contemporary view of the pro-inflammatory, anti-inflammatory and modulatory roles of prostaglandins and other bioactive lipids. <i>Survey of Ophthalmology</i> , 1997 , 41 Suppl 2, S23-34	6.1	36
185	Bioactive lipids in excitatory neurotransmission and neuronal plasticity. <i>Neurochemistry International</i> , 1997 , 30, 225-31	4.4	62

184	Lloyd A. Horrocks: a great neurochemist of our time. <i>Neurochemical Research</i> , 1997 , 22, 1175-7	4.6	
183	Cyclooxygenase 2 RNA message abundance, stability, and hypervariability in sporadic Alzheimer neocortex. <i>Journal of Neuroscience Research</i> , 1997 , 50, 937-45	4.4	109
182	Delayed phospholipid degradation in rat brain after traumatic brain injury. <i>Journal of Neurochemistry</i> , 1997 , 69, 199-205	6	64
181	Lipid Messengers and Prostaglandin Endoperoxide Synthase-2 in Neuronal Cell Death 1997 , 193-195		4
180	Platelet-activating factor in the modulation of excitatory amino acid neurotransmitter release and of gene expression. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1996 , 14, 321-30		31
179	Effects of intrastriatal injections of platelet-activating factor and the PAF antagonist BN 52021 on memory. <i>Neurobiology of Learning and Memory</i> , 1996 , 66, 176-82	3.1	53
178	Effect of <i>Serenoa repens</i> extract (Permixon) on estradiol/testosterone-induced experimental prostate enlargement in the rat. <i>Pharmacological Research</i> , 1996 , 34, 171-9	10.2	40
177	Lipocalin-type prostaglandin D synthase (beta-trace) is located in pigment epithelial cells of rat retina and accumulates within interphotoreceptor matrix. <i>Journal of Neuroscience</i> , 1996 , 16, 6119-24	6.6	65
176	Selective transcription factor induction in retinal pigment epithelial cells during photoreceptor phagocytosis. <i>Journal of Biological Chemistry</i> , 1996 , 271, 28458-62	5.4	22
175	Synergy by secretory phospholipase A2 and glutamate on inducing cell death and sustained arachidonic acid metabolic changes in primary cortical neuronal cultures. <i>Journal of Biological Chemistry</i> , 1996 , 271, 32722-8	5.4	82
174	Sustained induction of prostaglandin endoperoxide synthase-2 by seizures in hippocampus. Inhibition by a platelet-activating factor antagonist. <i>Journal of Biological Chemistry</i> , 1996 , 271, 24794-9	5.4	124
173	RNA Message Levels in Normally Aging and in Alzheimer's Disease(AD)-Affected Human Temporal Lobe Neocortex 1996 , 141-145		1
172	Excitable Membrane-Derived Lipid Mediators: Glutamate Release and Regulation of Gene Expression 1996 , 409-425		
171	Alterations in rabbit retina lipid metabolism induced by detachment. Decreased incorporation of [3H]DHA into phospholipids. <i>International Ophthalmology</i> , 1995 , 19, 149-59	2.2	4
170	Platelet-activating factor is a synapse messenger and a modulator of gene expression in the nervous system. <i>Neurochemistry International</i> , 1995 , 26, 435-41	4.4	19
169	Mediators of injury in neurotrauma: intracellular signal transduction and gene expression. <i>Journal of Neurotrauma</i> , 1995 , 12, 791-814	5.4	172
168	Memory enhancement by intrahippocampal, intraamygdala, or intraentorhinal infusion of platelet-activating factor measured in an inhibitory avoidance task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 5047-51	11.5	99
167	Inhibition of platelet-activating factor-induced retinal impairments by cholera and pertussis toxins. <i>Ophthalmic Research</i> , 1995 , 27, 153-7	2.9	6

166	Regulation of the Inducible Prostaglandin Synthase Gene and Second Messengers in Brain: Implications for Stroke**This work was supported by the National Institutes of Health, National Institute of Neurological Disorders and Stroke, NS 23002. 1995 , 231-250		
165	Docosahexaenoic acid supply to the retina and its conservation in photoreceptor cells by active retinal pigment epithelium-mediated recycling. <i>World Review of Nutrition and Dietetics</i> , 1994 , 75, 120-3	0.2	20
164	Differences in the acyl composition of the platelet-activating factor (PAF) precursor and other choline phosphoglycerides of the rabbit retinal rod outer segments and neural retina. <i>Current Eye Research</i> , 1994 , 13, 45-50	2.9	5
163	Review: pharmacological manipulation of docosahexaenoic-phospholipid biosynthesis in photoreceptor cells: implications in retinal degeneration. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1994 , 10, 591-604	2.6	26
162	The effect of a free radical scavenger and platelet-activating factor antagonist on FFA accumulation in post-ischemic canine brain. <i>Neurochemical Research</i> , 1994 , 19, 525-8	4.6	13
161	Daily electroconvulsive shock treatment alters the inositol lipid system response in the rat hippocampus. <i>Neurochemical Research</i> , 1994 , 19, 705-8	4.6	8
160	Platelet-activating factor is a messenger in the electroconvulsive shock-induced transcriptional activation of c-fos and zif-268 in hippocampus. <i>Journal of Neuroscience Research</i> , 1994 , 37, 54-61	4.4	66
159	Developmental maturation of hepatic n-3 polyunsaturated fatty acid metabolism: Supply of docosahexaenoic acid to retina and brain. <i>Journal of Nutritional Biochemistry</i> , 1994 , 5, 151-160	6.3	26
158	Membrane lipid degradation is related to interictal cortical activity in a series of seizures. <i>Metabolic Brain Disease</i> , 1994 , 9, 161-70	3.9	28
157	Platelet-activating factor as a potential retrograde messenger in CA1 hippocampal long-term potentiation. <i>Nature</i> , 1994 , 367, 175-9	50.4	254
156	Effect of antagonists of platelet-activating factor receptors on memory of inhibitory avoidance in rats. <i>Behavioral and Neural Biology</i> , 1994 , 62, 1-3		18
155	Docosahexaenoic acid is taken up by the inner segment of frog photoreceptors leading to an active synthesis of docosahexaenoyl-inositol lipids: similarities in metabolism in vivo and in vitro. <i>Current Eye Research</i> , 1994 , 13, 21-8	2.9	16
154	A platelet-activating factor antagonist reduces corneal allograft inflammation and neovascularization. <i>Current Eye Research</i> , 1994 , 13, 139-44	2.9	13
153	Platelet-activating factor and retinoic acid synergistically activate the inducible prostaglandin synthase gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 5252-6	11.5	130
152	Phospholipid Degradation, Second Messengers and Activation of Cell Signaling Genes 1994 , 95-100		
151	Pathways for the uptake and conservation of docosahexaenoic acid in photoreceptors and synapses: biochemical and autoradiographic studies. <i>Canadian Journal of Physiology and Pharmacology</i> , 1993 , 71, 690-8	2.4	32
150	Electroconvulsive shock alters GABAA receptor subunit mRNAs: use of quantitative PCR methodology. <i>Brain Research Bulletin</i> , 1993 , 30, 691-3	3.9	16
149	Role of phospholipase A2 and membrane-derived lipid second messengers in membrane function and transcriptional activation of genes: implications in cerebral ischemia and neuronal excitability. <i>Progress in Brain Research</i> , 1993 , 96, 247-57	2.9	39

148	Platelet-activating factor induces collagenase expression in corneal epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 8678-82	11.5	60
147	Coupling among energy failure, loss of ion homeostasis, and phospholipase A2 and C activation during ischemia. <i>Journal of Neurochemistry</i> , 1993 , 61, 1677-84	6	110
146	Free fatty acid and diacylglycerol accumulation in the rat brain during recurrent seizures is related to cortical oxygenation. <i>Journal of Neurochemistry</i> , 1993 , 61, 1835-42	6	20
145	Decreased electroconvulsive shock-induced diacylglycerols and free fatty acid accumulation in the rat brain by Ginkgo biloba extract (EGb 761): selective effect in hippocampus as compared with cerebral cortex. <i>Journal of Neurochemistry</i> , 1993 , 61, 1438-44	6	34
144	EGb 761 inhibits stress-induced polydipsia in rats. <i>Physiology and Behavior</i> , 1993 , 53, 1001-2	3.5	17
143	A Neural Primary Genomic Response to the Lipid Mediator Platelet-Activating Factor 1993 , 411-426		1
142	Systemic Alterations in Docosahexaenoic Acid Metabolism in Inherited Retinal Degenerations 1993 , 259-271		
141	Retinal pigment epithelial cells play a central role in the conservation of docosahexaenoic acid by photoreceptor cells after shedding and phagocytosis. <i>Current Eye Research</i> , 1992 , 11, 73-83	2.9	66
140	Enhancement of hippocampal excitatory synaptic transmission by platelet-activating factor. <i>Neuron</i> , 1992 , 9, 1211-6	13.9	201
139	Enhanced expression of the growth-regulated calcyclin gene during corneal wound healing. <i>Experimental Eye Research</i> , 1992 , 55, 173-7	3.7	8
138	Light stimulates in vivo inositol lipid turnover in frog retinal pigment epithelial cells at the onset of shedding and phagocytosis of photoreceptor membranes. <i>Experimental Eye Research</i> , 1992 , 55, 719-25	3.7	31
137	Growth-associated protein GAP-43 and nerve cell adhesion molecule in sensory nerves of cornea. <i>Experimental Eye Research</i> , 1992 , 55, 307-14	3.7	15
136	Changing fatty acid content of growth cone lipids prior to synaptogenesis. <i>Journal of Neurochemistry</i> , 1992 , 59, 318-25	6	97
135	Generation of arachidonic acid and diacylglycerol second messengers from polyphosphoinositides in ischemic fetal brain. <i>Journal of Neurochemistry</i> , 1992 , 59, 1812-9	6	23
134	Excitable membranes, lipid messengers, and immediate-early genes. Alteration of signal transduction in neuromodulation and neurotrauma. <i>Molecular Neurobiology</i> , 1992 , 6, 407-24	6.2	30
133	Modulators of Neural Cell Signaling and Triggering of Gene Expression following Cerebral Ischemia 1992 , 321-333		1
132	Platelet-Activating Factor and Polyunsaturated Fatty Acids in Cerebral Ischemia or Convulsions 1992 , 1243-1246		
131	Docosahexaenoic acid uptake and metabolism in photoreceptors: retinal conservation by an efficient retinal pigment epithelial cell-mediated recycling process. <i>Advances in Experimental Medicine and Biology</i> , 1992 , 318, 295-306	3.6	64

130	Regulation of arachidonic acid metabolism in the perinatal brain during development and under ischemic stress. <i>Advances in Experimental Medicine and Biology</i> , 1992 , 318, 315-23	3.6	4
129	Membrane-Derived Lipid Second Messengers as Targets for Neuroprotection: Platelet-Activating Factor 1992 , 238-251		1
128	Prolonged effect of a new platelet-activating factor antagonist on ocular vascular permeability in an endotoxin model of uveitis. <i>Current Eye Research</i> , 1991 , 10, 19-24	2.9	16
127	Histamine H1 receptor occupancy triggers inositol phosphates and intracellular calcium mobilization in human non-pigmented ciliary epithelial cells. <i>Current Eye Research</i> , 1991 , 10, 593-600	2.9	12
126	Platelet-activating factor and polyunsaturated fatty acids in cerebral ischemia or convulsions: intracellular PAF-binding sites and activation of a fos/jun/AP-1 transcriptional signaling system. <i>Lipids</i> , 1991 , 26, 1236-42	1.6	95
125	Recovery of postischemic brain metabolism and function following treatment with a free radical scavenger and platelet-activating factor antagonists. <i>Journal of Neurochemistry</i> , 1991 , 56, 311-9	6	80
124	Determination of platelet-activating factor and alkyl-ether phospholipids by gas chromatography-mass spectrometry via direct derivatization. <i>Analytical Biochemistry</i> , 1991 , 196, 1-10	3.1	9
123	Platelet-activating factor activates HIV promoter in transfected SH-SY5Y neuroblastoma cells and MOLT-4 T lymphocytes. <i>Journal of Molecular Neuroscience</i> , 1990 , 2, 79-84	3.3	25
122	Fos-jun and the primary genomic response in the nervous system. Possible physiological role and pathophysiological significance. <i>Molecular Neurobiology</i> , 1990 , 4, 27-55	6.2	66
121	Arachidonic acid cascade and platelet-activating factor in the network of eye inflammatory mediators: therapeutic implications in uveitis. <i>International Ophthalmology</i> , 1990 , 14, 335-44	2.2	20
120	Preferential uptake and metabolism of docosahexaenoic acid in membrane phospholipids from rod and cone photoreceptor cells of human and monkey retinas. <i>Journal of Neuroscience Research</i> , 1990 , 27, 522-32	4.4	31
119	Quantitative analysis of fatty acids in phospholipids, diacylglycerols, free fatty acids, and other lipids. <i>Journal of Nutritional Biochemistry</i> , 1990 , 1, 382-8	6.3	38
118	Docosahexaenoic acid utilization during rod photoreceptor cell renewal. <i>Journal of Neuroscience</i> , 1990 , 10, 2190-202	6.6	73
117	Immunohistologic study of epiretinal membranes in proliferative vitreoretinopathy. <i>American Journal of Ophthalmology</i> , 1990 , 110, 593-8	4.9	55
116	Class II antigen expression in diabetic preretinal membranes. <i>American Journal of Ophthalmology</i> , 1990 , 109, 70-4	4.9	18
115	Identification of prostaglandin E2 and leukotriene B4 in the synovial fluid of painful, dysfunctional temporomandibular joints. <i>Journal of Oral and Maxillofacial Surgery</i> , 1990 , 48, 968-71	1.8	178
114	Neuron-specific protein F1/GAP-43 shows substrate specificity for the beta subtype of protein kinase C. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 171, 1236-43	3.4	83
113	Endothelial cell damage in human and rabbit corneas stored in K-Sol without antioxidants. <i>British Journal of Ophthalmology</i> , 1989 , 73, 803-8	5.5	7

112	Histamine stimulation of inositol phosphate metabolism in cultured human non-pigmented ciliary epithelial cells. <i>Current Eye Research</i> , 1989 , 8, 415-22	2.9	15
111	Platelet-activating factor stimulates a fos/jun/AP-1 transcriptional signaling system in human neuroblastoma cells. <i>Journal of Neuroscience Research</i> , 1989 , 24, 558-66	4.4	103
110	Light exposure stimulates arachidonic acid metabolism in intact rat retina and isolated rod outer segments. <i>Neurochemical Research</i> , 1989 , 14, 185-90	4.6	43
109	Arachidonic acid in the modulation of excitable membrane function and at the onset of brain damage. <i>Annals of the New York Academy of Sciences</i> , 1989 , 559, 1-16	6.5	100
108	Arachidonic acid metabolism and cerebral blood flow in the normal, ischemic, and reperfused gerbil brain. Inhibition of ischemia-reperfusion-induced cerebral injury by a platelet-activating factor antagonist (BN 52021). <i>Annals of the New York Academy of Sciences</i> , 1989 , 559, 340-51	6.5	27
107	Effects of Platelet-Activating Factor Antagonist BN 52021 on Cerebral Lipid Metabolism following Ischemia Reperfusion in the Gerbil. <i>Annals of the New York Academy of Sciences</i> , 1989 , 559, 468-470	6.5	3
106	Reversal of the epinephrine stimulation of Cl ⁻ transport in bullfrog cornea by phorbol esters. <i>Experimental Eye Research</i> , 1989 , 49, 739-49	3.7	2
105	Increased levels of leukotriene C4 in retinal pigment epithelium are correlated with early events in photoreceptor shedding in <i>Xenopus laevis</i> . <i>Current Eye Research</i> , 1989 , 8, 557-61	2.9	9
104	Membrane docosahexaenoate is supplied to the developing brain and retina by the liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 2903-7	11.5	379
103	The Supply of Omega-3 Polyunsaturated Fatty Acids to Photoreceptors and Synapses 1989 , 227-239		
102	Analysis of Prostaglandins, Leukotrienes, and-Related Compounds in Retina and Brain 1988 , 227-244		1
101	Quantitative Analysis of Acyl Group Composition of Brain Phospholipids, Neutral Lipids, and Free Fatty Acids 1988 , 83-110		4
100	Developing rod photoreceptors from normal and mutant Rd mouse retinas: altered fatty acid composition early in development of the mutant. <i>Journal of Neuroscience Research</i> , 1988 , 20, 202-11	4.4	30
99	Cerebral perfusion of metabolic inactivators: a new method for rapid fixation of labile lipid pools in brain. <i>Neurochemical Research</i> , 1988 , 13, 849-52	4.6	11
98	Platelet-activating factor antagonist BN52021 decreases accumulation of free polyunsaturated fatty acid in mouse brain during ischemia and electroconvulsive shock. <i>Journal of Neurochemistry</i> , 1988 , 51, 1900-5	6	102
97	Modulation of in vitro immune reactions by platelet activating factor and a platelet activating factor antagonist. <i>Immunopharmacology</i> , 1988 , 15, 11-9		9
96	The effect of a new lipoxygenase inhibitor on the production of arachidonic acid metabolites during experimental herpes simplex keratitis. <i>Current Eye Research</i> , 1988 , 7, 1131-5	2.9	10
95	Carbamazepine inhibits electroconvulsive shock-induced inositol trisphosphate (IP3) accumulation in rat cerebral cortex and hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 153, 128-34	3.4	16

94	Ganglioside administration in retinitis pigmentosa. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1987 , 3, 323-32	2.6	2
93	Inhibition of the alkali burn-induced lipoxygenation of arachidonic acid in the rabbit cornea in vivo by a platelet activating factor antagonist. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1987 , 3, 357-65	2.6	23
92	Involvement of platelet-activating factor (PAF) in cerebral post-ischemic phase in Mongolian gerbils. <i>Prostaglandins</i> , 1987 , 34, 337-49		132
91	Effects of a platelet activating factor antagonist (BN 52021) on free fatty acids, diacylglycerols, polyphosphoinositides and blood flow in the gerbil brain: inhibition of ischemia-reperfusion induced cerebral injury. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 149, 580-7	3.4	155
90	The accumulation of platelet activating factor in the injured cornea may be interrelated with the synthesis of lipoxygenase products. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 149, 915-20	3.4	38
89	Docosahexaenoate metabolism and fatty-acid composition in developing retinas of normal and rd mutant mice. <i>Experimental Eye Research</i> , 1987 , 44, 101-13	3.7	14
88	Electroconvulsive shock stimulates polyphosphoinositide degradation and inositol trisphosphate accumulation in rat cerebrum: lithium pretreatment does not potentiate these changes. <i>Neuroscience Letters</i> , 1987 , 80, 75-9	3.3	20
87	Arachidonic acid, stearic acid, and diacylglycerol accumulation correlates with the loss of phosphatidylinositol 4,5-bisphosphate in cerebrum 2 seconds after electroconvulsive shock: complete reversion of changes 5 minutes after stimulation. <i>Journal of Neuroscience Research</i> , 1987 , 18, 449-55	4.4	59
86	Synthesis of leukotrienes in frog retina and retinal pigment epithelium. <i>Journal of Neuroscience Research</i> , 1987 , 18, 591-6	4.4	16
85	Effect of bicuculline-induced status epilepticus on prostaglandins and hydroxyeicosatetraenoic acids in rat brain subcellular fractions. <i>Journal of Neurochemistry</i> , 1987 , 48, 1768-78	6	83
84	Polyunsaturated fatty acids and inositol phospholipids at the synapse in neuronal responsiveness. <i>Advances in Experimental Medicine and Biology</i> , 1987 , 221, 45-68	3.6	6
83	Reduced labeling of brain phosphatidylinositol, triacylglycerols, and diacylglycerols by [1-14C]arachidonic acid after electroconvulsive shock: potentiation of the effect by adrenergic drugs and comparison with palmitic acid labeling. <i>Neurochemical Research</i> , 1986 , 11, 217-30	4.6	7
82	Fatty acid composition and arachidonic acid metabolism in vitreous lipids from canine and human eyes. <i>Current Eye Research</i> , 1986 , 5, 441-7	2.9	16
81	The effect of phorbol esters on the chloride secreting epithelium of the rabbit cornea. <i>Current Eye Research</i> , 1986 , 5, 535-41	2.9	11
80	Enhanced inositide turnover in brain during bicuculline-induced status epilepticus. <i>Biochemical and Biophysical Research Communications</i> , 1986 , 136, 827-34	3.4	28
79	Cationic amphiphilic drugs perturb the metabolism of inositides and phosphatidic acid in photoreceptor membranes. <i>Biochemical and Biophysical Research Communications</i> , 1986 , 134, 378-85	3.4	10
78	Changes in triacylglycerol, diacylglycerol and free fatty acids after fertilization in developing toad embryos. <i>Lipids and Lipid Metabolism</i> , 1986 , 875, 465-72		9
77	Metabolism of arachidonic and docosahexaenoic acids in the retina. <i>Progress in Lipid Research</i> , 1986 , 25, 595-606	14.3	70

76	The inositide cycle in bovine photoreceptor membranes. <i>Life Sciences</i> , 1986 , 38, 1685-93	6.8	9
75	Decreased content of docosahexaenoate and arachidonate in plasma phospholipids in Usher's syndrome. <i>Biochemical and Biophysical Research Communications</i> , 1986 , 141, 600-4	3.4	57
74	Chapter 11 The arachidonic acid cascade and phospholipid and docosahexaenoic acid metabolism in the retina. <i>Progress in Retinal and Eye Research</i> , 1986 , 5, 309-335		12
73	Diacylglycerols interfere in normal phase HPLC analysis of lipoxygenase products of docosahexaenoic or arachidonic acids. <i>Prostaglandins</i> , 1986 , 32, 813-27		2
72	Diacylglycerols and Arachidonic Acid in the Molecular Pathogenesis of Brain Injury 1986 , 169-180		6
71	Unique Metabolic Features of Docosahexaenoate Metabolism Related to Functional Roles in Brain and Retina 1986 , 67-78		2
70	Long-chain acyl CoA synthetase in microsomes from rat brain gray matter and white matter. <i>Neurochemical Research</i> , 1985 , 10, 377-86	4.6	10
69	Synthesis of arachidonoyl coenzyme A and docosahexaenoyl coenzyme A in synaptic plasma membranes of cerebrum and microsomes of cerebrum, cerebellum, and brain stem of rat brain. <i>Journal of Neuroscience Research</i> , 1985 , 13, 381-90	4.4	25
68	Change in content, incorporation and lipoxygenation of docosahexaenoic acid in retina and retinal pigment epithelium in canine ceroid lipofuscinosis. <i>Neuroscience Letters</i> , 1985 , 59, 67-72	3.3	22
67	Inhibition of phosphatidylinositol-4-phosphate kinase by its product phosphatidylinositol-4,5-bisphosphate. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 126, 150-5	3.4	51
66	Synthesis of docosahexaenoyl-, arachidonoyl- and palmitoyl-coenzyme A in ocular tissues. <i>Experimental Eye Research</i> , 1985 , 41, 87-95	3.7	23
65	Cationic amphiphilic drugs inhibit the synthesis of long-chain fatty acyl coenzyme A in rat brain microsomes. <i>FEBS Letters</i> , 1985 , 182, 111-4	3.8	1
64	Arachidonic acid and other long-chain fatty acids in canine ceroid lipofuscinosis. Distribution in glycerolipids, metabolism, and pathophysiological correlations. <i>Neurochemical Pathology</i> , 1985 , 3, 83-97		4
63	Decreased utilization of [2-3H]glycerol in phospholipid and neutral glyceride biosynthesis in the retina of streptozotocin-diabetic rats. <i>Neurochemical Pathology</i> , 1985 , 3, 109-18		2
62	Retina 1985 , 507-575		
61	Propranolol-Induced Membrane Perturbation and the Metabolism of Phosphoinositides and Arachidonoyl Diacylglycerols in the Retina 1985 , 67-82		4
60	Synthesis of arachidonoyl coenzyme A and docosahexaenoyl coenzyme A in retina. <i>Current Eye Research</i> , 1984 , 3, 1225-32	2.9	33
59	Activation of polyunsaturated fatty acids by rat tissues in vitro. <i>Lipids</i> , 1984 , 19, 987-9	1.6	12

58	Long-chain acyl-coenzyme A synthetase from rat brain microsomes. Kinetic studies using [1-14C]docosahexaenoic acid substrate. <i>FEBS Journal</i> , 1984 , 145, 21-9		38
57	Long-chain acyl coenzyme A synthetase activity during the postnatal development of the mouse brain. <i>International Journal of Developmental Neuroscience</i> , 1984 , 2, 447-50	2.7	13
56	Composition of phospholipids and free fatty acids and incorporation of labeled arachidonic acid in rabbit cornea. Comparison of epithelium, stroma and endothelium. <i>Current Eye Research</i> , 1984 , 3, 1313-9	2.9	26
55	Effect of K ⁺ depolarization on the synthesis of prostaglandins and hydroxyeicosatetra(5,8,11,14)enoic acids (HETE) in the rat retina. Evidence for esterification of 12-HETE in lipids. <i>Lipids and Lipid Metabolism</i> , 1984 , 795, 564-73		53
54	De novo biosynthesis of docosahexaenoyl-phosphatidic acid in bovine retinal microsomes. <i>Lipids and Lipid Metabolism</i> , 1984 , 796, 11-9		23
53	Docosahexaenoic acid (22:6, n-3) is metabolized to lipoxygenase reaction products in the retina. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 125, 741-7	3.4	99
52	Lipoxygenase- and cyclooxygenase-reaction products and incorporation into glycerolipids or radiolabeled arachidonic acid in the bovine retina. <i>Prostaglandins</i> , 1984 , 27, 203-16		46
51	Endogenous Pools of Arachidonic Acid-Enriched Membrane Lipids in Cryogenic Brain Edema 1984 , 203-212		8
50	Effects of postdecapitation ischemia on the metabolism of [14C]arachidonic acid and [14C]palmitic acid in the mouse brain. <i>Neurochemical Research</i> , 1983 , 8, 835-45	4.6	15
49	Kinetic properties of arachidonoyl-coenzyme A synthetase in rat brain microsomes. <i>Archives of Biochemistry and Biophysics</i> , 1983 , 226, 125-33	4.1	65
48	Changes in free fatty acids and diglycerides in mouse brain at birth and during anoxia. <i>Journal of Neurochemistry</i> , 1983 , 41, 794-800	6	21
47	Accumulation of phosphatidic acid in microsomes from propranolol-treated retinas during short-term incubations. <i>Journal of Neurochemistry</i> , 1983 , 40, 563-8	6	11
46	Stimulation of free fatty acid and diacylglycerol accumulation in cerebrum and cerebellum during bicuculline-induced status epilepticus. Effect of pretreatment with alpha-methyl-p-tyrosine and p-chlorophenylamine. <i>Journal of Neurochemistry</i> , 1983 , 40, 252-9	6	56
45	Reversibility of propranolol-induced changes in the biosynthesis of monoacylglycerol, diacylglycerol, triacylglycerol, and phospholipids in the retina. <i>Journal of Neurochemistry</i> , 1983 , 40, 260-6	6	7
44	Anoxia-induced production of methylated and free fatty acids in retina, cerebral cortex, and white matter. <i>Neurochemical Pathology</i> , 1983 , 1, 17-41		20
43	Metabolism of Phosphatidic Acid 1983 , 17-39		
42	Free Arachidonic and Docosahexaenoic Acid Accumulation in the Central Nervous System During Stimulation 1983 , 123-140		4
41	Lipid synthesis in retinas. <i>Methods in Enzymology</i> , 1982 , 81, 788-94	1.7	2

40	Selective modifications in the de novo biosynthesis of retinal phospholipids and glycerides by propranolol or phentolamine. <i>Biochemical Pharmacology</i> , 1982 , 31, 1049-55	6	15
39	Membrane lipids composition and metabolism during early embryonic development. Phospholipid subcellular distribution and ³² P labeling. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982 , 688, 145-51 ^{3,8}	3.8	10
38	Chain elongation and desaturation of eicosapentaenoate to docosahexaenoate and phospholipid labeling in the rat retina in vivo. <i>Lipids and Lipid Metabolism</i> , 1982 , 712, 123-8		50
37	High content of 22:6 (docosahexaenoate) and active [2- ³ H]glycerol metabolism of phosphatidic acid from photoreceptor membranes. <i>Lipids and Lipid Metabolism</i> , 1982 , 712, 702-6		46
36	Metabolism of phospholipids in the retina. <i>Vision Research</i> , 1982 , 22, 1539-48	2.1	25
35	Diffusion of intracerebrally injected [1- ¹⁴ C]arachidonic acid and [2- ³ H]glycerol in the mouse brain. Effects of ischemia and electroconvulsive shock. <i>Neurochemical Research</i> , 1982 , 7, 1453-63	4.6	6
34	Arachidonic acid and arachidonoyl-diglycerols increase in rat cerebrum during bicuculline-induced status epilepticus. <i>Neurochemical Research</i> , 1982 , 7, 839-43	4.6	39
33	Effect of Antioxidants on Malonaldehyde Production and Fatty Acid Composition in Pieces of Bovine Muscle and Adipose Tissue Stored Fresh and Frozen. <i>Journal of Food Science</i> , 1982 , 47, 1329-1332 ^{3,4}		11
32	Propranolol increases the biosynthesis of phosphatidic acid, phosphatidylinositol and phosphatidylserine in the toad retina. Studies in the entire and subcellular fractions. <i>Lipids and Lipid Metabolism</i> , 1981 , 666, 63-71		18
31	Phosphatidic acid, phosphatidylinositol, phosphatidylserine and cardiolipin in the course of early embryonic development. Fatty acid composition and content in whole toad embryos and in mitochondrial fractions. <i>Lipids and Lipid Metabolism</i> , 1981 , 664, 561-71		10
30	Phosphatidic acid in the central nervous system. <i>Progress in Lipid Research</i> , 1981 , 20, 307-13	14.3	18
29	Rapid release of free arachidonic acid in the central nervous system due to stimulation. <i>Progress in Lipid Research</i> , 1981 , 20, 523-9	14.3	41
28	QUANTITATIVE DETERMINATION OF LOW-SALT SOLUBLE PROTEIN PATTERNS OF BOVINE MUSCLES COOKED AT DIFFERENT TEMPERATURES, BY SODIUM DODECYL SULFATE-POLYACRYLAMIDE GEL ELECTROPHORESIS. <i>Journal of Food Science</i> , 1980 , 45, 901-904	3.4	28
27	Docosahexaenoyl Chains are Introduced in Phosphatidic Acid During De Novo Synthesis in Retinal Microsomes 1980 , 223-236		6
26	alpha-Methyl-p-tyrosine inhibits the production of free arachidonic acid and diacylglycerols in brain after a single electroconvulsive shock. <i>Neurochemical Research</i> , 1979 , 4, 213-21	4.6	42
25	Phospholipids and acylglycerols biosynthesis and ¹⁴ CO ₂ production from [¹⁴ C]glycerol in the bovine retina: the effects of incubation time, oxygen and glucose. <i>Experimental Eye Research</i> , 1979 , 29, 155-68	3.7	54
24	Phosphatidic acid of retinal microsomes contains a high proportion of docosahexaenoate. <i>Biochemical and Biophysical Research Communications</i> , 1979 , 91, 791-4	3.4	32
23	Lipid metabolism in early development using labeled precursors incorporated during oogenesis and in cell-free embryo homogenates. <i>Lipids</i> , 1977 , 12, 131-4	1.6	7

22	Simple preparative and analytical thin-layer chromatographic method for the rapid isolation of phosphatidic acid from tissue lipid extracts. <i>Journal of Chromatography A</i> , 1977 , 137, 194-7	4.5	21
21	Free arachidonic acid and other lipids in the nervous system during early ischemia and after electroshock. <i>Advances in Experimental Medicine and Biology</i> , 1976 , 72, 317-35	3.6	162
20	Rapid production of diacylglycerols enriched in arachidonate and stearate during early brain ischemia. <i>Journal of Neurochemistry</i> , 1975 , 25, 919-20	6	169
19	Incorporation of (3H)-arachidonic acid into cattle retina lipids: high uptake in triacylglycerols, diacylglycerols, phosphatidylcholine and phosphatidylinositol. <i>Life Sciences</i> , 1975 , 17, 1671-7	6.8	19
18	Analysis of Free and Esterified Fatty Acids in Neural Tissues Using Gradient-Thickness Thin-Layer Chromatography (GT-TLC) 1975 , 309-324		23
17	Fatty acid distribution in lipids and 32P incorporation into phospholipids during early amphibian development. <i>Lipids</i> , 1974 , 9, 27-34	1.6	13
16	Distributional changes of 32P-labeled acid-soluble phosphates and phospholipids among subcellular fractions during early vertebrate embryonic development. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1974 , 372, 388-399	4	11
15	Displacement into incubation medium by albumin of highly unsaturated retina free fatty acids arising from membrane lipids. <i>FEBS Letters</i> , 1974 , 40, 53-6	3.8	36
14	Membrane 32P-phospholipid labeling in early developing toad embryos. <i>Experimental Cell Research</i> , 1974 , 88, 432-5	4.2	7
13	Metabolic heterogeneity of phosphoglyceride classes and subfractions during cell cleavage and early embryogenesis: model for cell membrane biogenesis. <i>Journal of Cellular Physiology</i> , 1974 , 84, 101-114	7	16
12	High increment of triglycerols with ether linkages in the retina during anoxia. <i>Biochemical and Biophysical Research Communications</i> , 1973 , 55, 515-21	3.4	11
11	Protein phosphorylation level and in vivo 32 P incorporation in retina and in brain. <i>Brain Research</i> , 1973 , 52, 378-81	3.7	
10	Fatty acid composition and level of diacylglycerols and phosphoglycerides in brain and retina. <i>Lipids and Lipid Metabolism</i> , 1973 , 296, 1-9		49
9	Incorporation of 32P during early amphibian embryogenesis. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1973 , 45, 523-528		
8	High content of docosahexaenoate and of total diacylglycerol in retina. <i>Biochemical and Biophysical Research Communications</i> , 1972 , 48, 689-93	3.4	21
7	Improved separation and quantification of free fatty acids and of other tissue lipids by gradient-thickness thin layer chromatography. <i>Analytical Biochemistry</i> , 1972 , 45, 309-14	3.1	6
6	Changes in free fatty acids of brain by drug-induced convulsions, electroshock and anaesthesia. <i>Journal of Neurochemistry</i> , 1971 , 18, 1379-85	6	169
5	Regional distribution and rate of production of free fatty acids in rat brain. <i>Journal of Neurochemistry</i> , 1971 , 18, 1387-93	6	158

- 4 Free fatty acid production in cerebral white and grey matter of the squirrel monkey. *Lipids*, **1971**, 6, 211-2.6 35
- 3 Effects of ischemia and electroconvulsive shock on free fatty acid pool in the brain. *Lipids and Lipid Metabolism*, **1970**, 218, 1-10 754
- 2 Increased levels of brain free fatty acids after electroconvulsive shock. *Life Sciences*, **1970**, 9, 501-7 6.8 75
- 1 An Issue of Concern: Unique Truncated ORF8 Protein Variants of SARS-CoV-2 1