

Nicos A Petasis

List of Publications by Year in descending order

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183
papers

21,339
citations

7251

80
h-index

10679

143
g-index

198
all docs

198
docs citations

198
times ranked

15889
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthon-based ligand discovery in virtual libraries of over 11 billion compounds. <i>Nature</i> , 2022, 601, 452-459.	13.7	153
2	First stereoselective total synthesis of 4(<i>S</i>),5(<i>S</i>)-oxido-17(<i>S</i>)-hydroxy-6(<i>E</i>),8(<i>E</i>),10(<i>Z</i>),13(<i>Z</i>),15(<i>E</i>),19(<i>Z</i>)-docosahexaenoic acid, the biosynthetic precursor of resolvins D3 and D4. <i>RSC Advances</i> , 2022, 12, 11613-11618.		
3	Synergistic neuroprotection by a PAF antagonist plus a docosanoid in experimental ischemic stroke: Dose-response and therapeutic window. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106585.	0.7	1
4	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.	1.6	11
5	PCTR1 Enhances Repair and Bacterial Clearance in Skin Wounds. <i>American Journal of Pathology</i> , 2021, 191, 1049-1063.	1.9	10
6	Elovanoids downregulate SARS-CoV-2 cell-entry, canonical mediators and enhance protective signaling in human alveolar cells. <i>Scientific Reports</i> , 2021, 11, 12324.	1.6	5
7	Elucidating the structure and functions of Resolvin D6 isomers on nerve regeneration with a distinctive trigeminal transcriptome. <i>FASEB Journal</i> , 2021, 35, e21775.	0.2	9
8	NAP1051, a Lipoxin A4 Biomimetic Analogue, Demonstrates Antitumor Activity Against the Tumor Microenvironment. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2384-2397.	1.9	10
9	Human leukocytes selectively convert 4(<i>S</i>),5(<i>S</i>)-epoxy-resolvin to resolvin D3, resolvin D4, and a cys-resolvin isomer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	14
10	Cyanine Nanocages Activated by Near-Infrared Light for the Targeted Treatment of Traumatic Brain Injury. <i>Frontiers in Chemistry</i> , 2020, 8, 769.	1.8	8
11	Cyanine Nanocage Activated by Near-IR Light for the Targeted Delivery of Cyclosporine A to Traumatic Brain Injury Sites. <i>Molecular Pharmaceutics</i> , 2020, 17, 4499-4509.	2.3	3
12	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.	0.7	13
13	Elovanoids counteract oligomeric β^2 -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.	3.3	47
14	Elovanoids are a novel class of homeostatic lipid mediators that protect neural cell integrity upon injury. <i>Science Advances</i> , 2017, 3, e1700735.	4.7	43
15	Elovanoids are novel cell-specific lipid mediators necessary for neuroprotective signaling for photoreceptor cell integrity. <i>Scientific Reports</i> , 2017, 7, 5279.	1.6	59
16	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Protective for Injured Epithelia. <i>American Journal of Pathology</i> , 2016, 186, 1801-1813.	1.9	47
17	Resolvin D4 stereoassignment and its novel actions in host protection and bacterial clearance. <i>Scientific Reports</i> , 2016, 6, 18972.	1.6	81
18	Maresin conjugates in tissue regeneration biosynthesis enzymes in human macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12232-12237.	3.3	79

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19	Serum amyloid A (SAA-1) SNP rs12218 to predict outcome for mCRC patients treated with FOLFIRI and bevacizumab: Data from FIRE-3 trial. <i>Journal of Clinical Oncology</i> , 2016, 34, 586-586.	0.8	0
20	Hippocampal Neuro-Networks and Dendritic Spine Perturbations in Epileptogenesis Are Attenuated by Neuroprotectin D1. <i>PLoS ONE</i> , 2015, 10, e0116543.	1.1	24
21	Molecular characterization of the boron adducts of the proteasome inhibitor bortezomib with epigallocatechin-3-gallate and related polyphenols. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3887-3899.	1.5	20
22	Component-Selective and Stereocontrolled One-Step Three-Component Reaction among Aldehydes, Amines, and Allenyl Boronic Acids or Allenyl Pinacolboronates. <i>Organic Letters</i> , 2015, 17, 1628-1631.	2.4	43
23	Cutting Edge: Maresin-1 Engages Regulatory T Cells To Limit Type 2 Innate Lymphoid Cell Activation and Promote Resolution of Lung Inflammation. <i>Journal of Immunology</i> , 2015, 194, 863-867.	0.4	155
24	Abstract 534: Development and validation of sandwich ELISA to quantify circulating GRP78 as a cancer biomarker. , 2015, , .		1
25	Resolvin D4 Potent Antiinflammatory Proresolving Actions Confirmed via Total Synthesis. <i>FASEB Journal</i> , 2015, 29, 285.10.	0.2	2
26	Maresin 1 biosynthesis during platelet-neutrophil interactions is organ-protective. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16526-16531.	3.3	144
27	Avermectins differentially affect ethanol intake and receptor function: implications for developing new therapeutics for alcohol use disorders. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 907-916.	1.0	31
28	The Resolvin D1 Analogue Controls Maturation of Dendritic Cells and Suppresses Alloimmunity in Corneal Transplantation. , 2014, 55, 5944.		54
29	Protective Actions of Aspirin-Triggered (17R) Resolvin D1 and Its Analogue, 17R-Hydroxy-19- <i>Para</i> -Fluorophenoxy-Resolvin D1 Methyl Ester, in C5a-Dependent IgG Immune Complex-Induced Inflammation and Lung Injury. <i>Journal of Immunology</i> , 2014, 193, 3769-3778.	0.4	44
30	Abstract 1811: Evaluation of anti-CXCR2 small molecule inhibitors as novel chemotherapy targeting the Interleukin-8 pathway in colorectal cancer. , 2014, , .		0
31	Interleukin-8 reduces post-surgical lymphedema formation by promoting lymphatic vessel regeneration. <i>Angiogenesis</i> , 2013, 16, 29-44.	3.7	43
32	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Potent Immunoresolvents. <i>Chemistry and Biology</i> , 2013, 20, 188-201.	6.2	204
33	Stereocontrolled Total Synthesis of the Potent Anti-inflammatory and Pro-resolving Lipid Mediator Resolvin D3 and Its Aspirin-Triggered 17 <i>R</i> -Epimer. <i>Organic Letters</i> , 2013, 15, 1424-1427.	2.4	48
34	The novel 13 <i>S</i> ,14 <i>S</i> -epoxy-maresin is converted by human macrophages to maresin 1 (MaR1), inhibits leukotriene A ₄ hydrolase (LTA ₄ H), and shifts macrophage phenotype. <i>FASEB Journal</i> , 2013, 27, 2573-2583.	0.2	232
35	Abstract 5513: Discovery of an orally active small-molecule irreversible inhibitor of protein disulfide isomerase (PDI) for ovarian cancer treatment.. , 2013, , .		0
36	Maresin 1 a Novel Macrophage Derived Mediator is a Potent Tissue Regenerative Immunoresolvent. <i>FASEB Journal</i> , 2013, 27, 379.11.	0.2	0

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37	Microglial ramification and redistribution concomitant with the attenuation of choroidal neovascularization by neuroprotectin D1. <i>Molecular Vision</i> , 2013, 19, 1747-59.	1.1	42
38	<i>Neuroinflammation.</i> , 2012, , 610-620.		14
39	<i>Lipid Mediators.</i> , 2012, , 643-662.		3
40	Interleukin-8 and its receptor CXCR2 in the tumour microenvironment promote colon cancer growth, progression and metastasis. <i>British Journal of Cancer</i> , 2012, 106, 1833-1841.	2.9	235
41	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, 23726-23739.	1.6	28
42	Discovery of an orally active small-molecule irreversible inhibitor of protein disulfide isomerase for ovarian cancer treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16348-16353.	3.3	200
43	Inhibition of the function of class IIa HDACs by blocking their interaction with MEF2. <i>Nucleic Acids Research</i> , 2012, 40, 5378-5388.	6.5	44
44	Macrophage proresolving mediator maresin 1 stimulates tissue regeneration and controls pain. <i>FASEB Journal</i> , 2012, 26, 1755-1765.	0.2	401
45	Perillyl Alcohol for the Treatment of Temozolomide-Resistant Gliomas. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 2462-2472.	1.9	75
46	Ivermectin reduces alcohol intake and preference in mice. <i>Neuropharmacology</i> , 2012, 63, 190-201.	2.0	62
47	Preferential killing of triple-negative breast cancer cells in vitro and in vivo when pharmacological aggravators of endoplasmic reticulum stress are combined with autophagy inhibitors. <i>Cancer Letters</i> , 2012, 325, 63-71.	3.2	54
48	Inhibition of autophagy and induction of breast cancer cell death by mefloquine, an antimalarial agent. <i>Cancer Letters</i> , 2012, 326, 143-154.	3.2	98
49	The CXCR2 Antagonist, SCH-527123, Shows Antitumor Activity and Sensitizes Cells to Oxaliplatin in Preclinical Colon Cancer Models. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1353-1364.	1.9	97
50	Novel aspirin-triggered neuroprotectin D1 attenuates cerebral ischemic injury after experimental stroke. <i>Experimental Neurology</i> , 2012, 236, 122-130.	2.0	98
51	Stereocontrolled total synthesis of Neuroprotectin D1/Protectin D1 and its aspirin-triggered stereoisomer. <i>Tetrahedron Letters</i> , 2012, 53, 1695-1698.	0.7	41
52	Abstract 3820: Reduced migration and enhanced killing of glioblastoma multiforme by mefloquine via alteration of sphingolipid levels. , 2012, , .		0
53	Resolvins and Protectins in Inflammation Resolution. <i>Chemical Reviews</i> , 2011, 111, 5922-5943.	23.0	823
54	Enhancement of photodynamic therapy by 2,5-dimethyl celecoxib, a non-cyclooxygenase-2 inhibitor analog of celecoxib. <i>Cancer Letters</i> , 2011, 304, 33-40.	3.2	23

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55	Noscapine inhibits tumor growth in TMZ-resistant gliomas. <i>Cancer Letters</i> , 2011, 312, 245-252.	3.2	41
56	Discovery and Preclinical Evaluation of a Novel Class of Cytotoxic Propynoic Acid Carbamoyl Methyl Amides (PACMAs). <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2902-2914.	2.9	28
57	Docosahexaenoic Acid-Derived Neuroprotectin D1 Induces Neuronal Survival via Secretase- and PPAR β -Mediated Mechanisms in Alzheimer's Disease Models. <i>PLoS ONE</i> , 2011, 6, e15816.	1.1	203
58	Novel Proresolving Aspirin-Triggered DHA Pathway. <i>Chemistry and Biology</i> , 2011, 18, 976-987.	6.2	145
59	Synthesis of osmium and ruthenium complexes bearing dimethyl (S,S)-2,2 ϵ^2 -(pyridine-2,6-diyl)-bis-(4,5-dihydrooxazol-4-carboxylate) ligand and application to catalytic H/D exchange. <i>Journal of Molecular Catalysis A</i> , 2011, 339, 17-23.	4.8	14
60	Preclinical Development of Novel Anti-Glioma Drugs Targeting the Endoplasmic Reticulum Stress Response. <i>Current Pharmaceutical Design</i> , 2011, 17, 2428-2438.	0.9	21
61	Glutamatergic Neurons in Rodent Models Respond to Nanoscale Particulate Urban Air Pollutants <i>in Vivo</i> and <i>in Vitro</i> . <i>Environmental Health Perspectives</i> , 2011, 119, 1003-1009.	2.8	174
62	Cytotoxic effects of celecoxib on Raji lymphoma cells correlate with aggravated endoplasmic reticulum stress but not with inhibition of cyclooxygenase-2. <i>Leukemia Research</i> , 2010, 34, 250-253.	0.4	21
63	Antiangiogenic Activities of 2,5-Dimethyl-Celecoxib on the Tumor Vasculature. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 631-641.	1.9	21
64	Lipoxin A4 and Its Analogue Suppress the Tumor Growth of Transplanted H22 in Mice: The Role of Antiangiogenesis. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 2164-2174.	1.9	90
65	Resolvin D1 binds human phagocytes with evidence for proresolving receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1660-1665.	3.3	638
66	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.	1.0	92
67	15-Epi-lipoxin A ₄ Inhibits Myeloperoxidase Signaling and Enhances Resolution of Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 311-319.	2.5	199
68	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, 17877-17882.	1.6	90
69	Resolvin D2 is a potent regulator of leukocytes and controls microbial sepsis. <i>Nature</i> , 2009, 461, 1287-1291.	13.7	599
70	Synthesis of 2H-chromenes and 1,2-dihydroquinolines from aryl aldehydes, amines, and alkenylboron compounds. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1747-1753.	0.8	56
71	Activation of Polyisoprenyl Diphosphate Phosphatase 1 Remodels Cellular Presqualene Diphosphate. <i>Biochemistry</i> , 2009, 48, 2997-3004.	1.2	10
72	Enhanced killing of chemo-resistant breast cancer cells via controlled aggravation of ER stress. <i>Cancer Letters</i> , 2009, 282, 87-97.	3.2	49

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73	Anti-inflammatory and pro-resolving properties of benzo-lipoxin A4 analogs. Prostaglandins Leukotrienes and Essential Fatty Acids, 2009, 81, 357-366.	1.0	51
74	Green tea polyphenols block the anticancer effects of bortezomib and other boronic acid-based proteasome inhibitors. Blood, 2009, 113, 5927-5937.	0.6	265
75	Aspirin-triggered lipoxins enhance resolution of myeloperoxidase-mediated lung inflammation by promoting neutrophil apoptosis. FASEB Journal, 2009, 23, 235.1.	0.2	1
76	Simultaneous lipidomic analysis of three families of bioactive lipid mediators leukotrienes, resolvins, protectins and related hydroxy-fatty acids by liquid chromatography/electrospray ionisation tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 75-83.	0.7	127
77	Design and synthesis of benzo-lipoxin A4 analogs with enhanced stability and potent anti-inflammatory properties. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1382-1387.	1.0	56
78	COX-2 inhibition is neither necessary nor sufficient for celecoxib to suppress tumor cell proliferation and focus formation in vitro. Molecular Cancer, 2008, 7, 38.	7.9	61
79	Celecoxib analogs that lack COX-2 inhibitory function: preclinical development of novel anticancer drugs. Expert Opinion on Investigational Drugs, 2008, 17, 197-208.	1.9	78
80	Rapid Appearance of Resolvin Precursors in Inflammatory Exudates: Novel Mechanisms in Resolution. Journal of Immunology, 2008, 181, 8677-8687.	0.4	220
81	Aggravated Endoplasmic Reticulum Stress as a Basis for Enhanced Glioblastoma Cell Killing by Bortezomib in Combination with Celecoxib or Its Non-Coxib Analogue, 2,5-Dimethyl-Celecoxib. Cancer Research, 2008, 68, 843-851.	0.4	131
82	Aspirin-Triggered Lipoxins Override the Apoptosis-Delaying Action of Serum Amyloid A in Human Neutrophils: A Novel Mechanism for Resolution of Inflammation. Journal of Immunology, 2007, 179, 616-622.	0.4	128
83	Resolvin D1 and Its Aspirin-triggered 17R Epimer. Journal of Biological Chemistry, 2007, 282, 9323-9334.	1.6	452
84	Calcium-activated endoplasmic reticulum stress as a major component of tumor cell death induced by 2,5-dimethyl-celecoxib, a non-coxib analogue of celecoxib. Molecular Cancer Therapeutics, 2007, 6, 1262-1275.	1.9	120
85	Expanding Roles for Organoboron Compounds - Versatile and Valuable Molecules for Synthetic, Biological and Medicinal Chemistry. Australian Journal of Chemistry, 2007, 60, 795.	0.5	96
86	Resolvin D1, protectin D1, and related docosahexaenoic acid-derived products: Analysis via electrospray/low energy tandem mass spectrometry based on spectra and fragmentation mechanisms. Journal of the American Society for Mass Spectrometry, 2007, 18, 128-144.	1.2	91
87	Identification of endogenous resolvin E1 and other lipid mediators derived from eicosapentaenoic acid via electrospray low-energy tandem mass spectrometry: spectra and fragmentation mechanisms. Rapid Communications in Mass Spectrometry, 2007, 21, 7-22.	0.7	21
88	RvE1 protects from local inflammation and osteoclast-mediated bone destruction in periodontitis. FASEB Journal, 2006, 20, 401-403.	0.2	374
89	Downregulation of survivin expression and concomitant induction of apoptosis by celecoxib and its non-cyclooxygenase-2-inhibitory analog, dimethyl-celecoxib (DMC), in tumor cells in vitro and in vivo. Molecular Cancer, 2006, 5, 19.	7.9	80
90	Regulation of phosphatidylinositol 3-kinase by polyisoprenyl phosphates in neutrophil-mediated tissue injury. Journal of Experimental Medicine, 2006, 203, 857-863.	4.2	28

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91	Anti-Inflammatory Actions of Neuroprotectin D1/Protectin D1 and Its Natural Stereoisomers: Assignments of Dihydroxy-Containing Docosatrienes. <i>Journal of Immunology</i> , 2006, 176, 1848-1859.	0.4	424
92	Metabolic Inactivation of Resolvin E1 and Stabilization of Its Anti-inflammatory Actions. <i>Journal of Biological Chemistry</i> , 2006, 281, 22847-22854.	1.6	139
93	Regulation of phosphatidylinositol 3-kinase by polyisoprenyl phosphates in neutrophil-mediated tissue injury. <i>Journal of Cell Biology</i> , 2006, 173, i1-i1.	2.3	0
94	Dimethyl-Celecoxib (DMC), a derivative of celecoxib that lacks cyclooxygenase-2-Inhibitory function, potently mimics the anti-tumor effects of celecoxib on burkitt's lymphoma in vitro and in vivo. <i>Cancer Biology and Therapy</i> , 2005, 4, 571-582.	1.5	78
95	Multitarget inhibition of drug-resistant multiple myeloma cell lines by dimethyl-celecoxib (DMC), a non-COX-2 inhibitory analog of celecoxib. <i>Blood</i> , 2005, 106, 4330-4338.	0.6	56
96	Novel polyisoprenyl phosphates block phospholipase D and human neutrophil activation in vitro and murine peritoneal inflammation in vivo. <i>British Journal of Pharmacology</i> , 2005, 146, 344-351.	2.7	29
97	Dimethyl celecoxib as a novel cyclooxygenase 2 therapy in the treatment of small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 1406-1412.	0.4	26
98	Multicomponent Reactions with Organoboron Compounds. , 2005, , 199-223.		23
99	Resolvin E1, an endogenous lipid mediator derived from omega-3 eicosapentaenoic acid, protects against 2,4,6-trinitrobenzene sulfonic acid-induced colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7671-7676.	3.3	544
100	Stereochemical assignment, antiinflammatory properties, and receptor for the omega-3 lipid mediator resolvin E1. <i>Journal of Experimental Medicine</i> , 2005, 201, 713-722.	4.2	829
101	Cystic fibrosis and lipoxins. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 73, 263-270.	1.0	34
102	Design, synthesis and bioactions of novel stable mimetics of lipoxins and aspirin-triggered lipoxins. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 73, 301-321.	1.0	56
103	Interactions Between Lipoxin A4, the Stable Analogue 16-phenoxy-lipoxin A4 and Leukotriene B4 in Cytokine Generation by Human Monocytes. <i>Scandinavian Journal of Immunology</i> , 2004, 60, 249-256.	1.3	10
104	Defective lipoxin-mediated anti-inflammatory activity in the cystic fibrosis airway. <i>Nature Immunology</i> , 2004, 5, 388-392.	7.0	321
105	ipso-Nitration of Arylboronic Acids with Chlorotrimethylsilane Nitrate Salts.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
106	ipso-Nitration of Arylboronic Acids with Chlorotrimethylsilane Nitrate Salts. <i>Organic Letters</i> , 2004, 6, 2205-2207.	2.4	130
107	Reduced Inflammation and Tissue Damage in Transgenic Rabbits Overexpressing 15-Lipoxygenase and Endogenous Anti-inflammatory Lipid Mediators. <i>Journal of Immunology</i> , 2003, 171, 6856-6865.	0.4	364
108	Lipoxin A4 and Aspirin-Triggered 15-epi-Lipoxin A4 Inhibit Human Neutrophil Migration: Comparisons Between Synthetic 15 Epimers in Chemotaxis and Transmigration with Microvessel Endothelial Cells and Epithelial Cells. <i>Journal of Immunology</i> , 2003, 170, 2688-2694.	0.4	111

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109	Aspirin-Triggered Lipoxin A4 and B4 Analogs Block Extracellular Signal-Regulated Kinase-Dependent TNF- α Secretion from Human T Cells. <i>Journal of Immunology</i> , 2003, 170, 6266-6272.	0.4	182
110	Mild Preparation of Haloarenes by <i>ipso</i> -Substitution of Arylboronic Acids with N-Halosuccinimides. <i>World Scientific Series in 20th Century Chemistry</i> , 2003, , 910-911.	0.0	0
111	15-Epi-16-(Para-Fluorophenoxy)-Lipoxin A4-Methyl Ester, a Synthetic Analogue of 15-epi-Lipoxin A4, Is Protective in Experimental Ischemic Acute Renal Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 1657-1662.	3.0	147
112	Lipoxin A4 and aspirin-triggered 15-epi-lipoxin A4 inhibit peroxynitrite formation, NF- κ B and AP-1 activation, and IL-8 gene expression in human leukocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13266-13271.	3.3	240
113	Lipoxins Induce Actin Reorganization in Monocytes and Macrophages But Not in Neutrophils. <i>American Journal of Pathology</i> , 2002, 160, 2275-2283.	1.9	83
114	Stereoselective Synthesis of anti-1 \pm -(Difluoromethyl)-1 2 -amino Alcohols by Boronic Acid Based Three-Component Condensation. Stereoselective Preparation of (2S,3R)-Difluorothreonine. <i>Journal of Organic Chemistry</i> , 2002, 67, 3718-3723.	1.7	124
115	Lipoxins, Aspirin-Triggered Epi-Lipoxins, Lipoxin Stable Analogues, and the Resolution of Inflammation: Stimulation of Macrophage Phagocytosis of Apoptotic Neutrophils In Vivo. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 2497-2507.	3.0	273
116	Stereoselective Synthesis of anti-1 \pm -(Difluoromethyl)-1 2 -amino Alcohols by Boronic Acid Based Three-Component Condensation. Stereoselective Preparation of (2S,3R)-Difluorothreonine.. <i>ChemInform</i> , 2002, 33, 87-87.	0.1	0
117	Lipoxin A4 and Aspirin-Triggered 15-Epi-Lipoxin A4 Modulate Adhesion Molecule Expression on Human Leukocytes in Whole Blood and Inhibit Neutrophil-Endothelial Cell Adhesion. <i>Advances in Experimental Medicine and Biology</i> , 2002, 507, 223-228.	0.8	12
118	Regioselective Conversion of Arylboronic Acids to Phenols and Subsequent Coupling to Symmetrical Diaryl Ethers. <i>Journal of Organic Chemistry</i> , 2001, 66, 633-634.	1.7	154
119	One-step three-component reaction among organoboronic acids, amines and salicylaldehydes. <i>Tetrahedron Letters</i> , 2001, 42, 539-542.	0.7	119
120	Lipoxin A4 and Aspirin-Triggered 15-Epi-Lipoxin A4 Antagonize TNF- α -Stimulated Neutrophil-Enterocyte Interactions In Vitro and Attenuate TNF- α -Induced Chemokine Release and Colonocyte Apoptosis in Human Intestinal Mucosa Ex Vivo. <i>Journal of Immunology</i> , 2001, 167, 2772-2780.	0.4	68
121	Fluorophores Related to the Green Fluorescent Protein and Their Use in Optoelectronic Devices. <i>Advanced Materials</i> , 2000, 12, 1678-1681.	11.1	34
122	Synthesis of piperazinones and benzopiperazinones from 1,2-diamines and organoboronic acids. <i>Tetrahedron Letters</i> , 2000, 41, 9607-9611.	0.7	75
123	Cutting Edge: Lipoxins Rapidly Stimulate Nonphlogistic Phagocytosis of Apoptotic Neutrophils by Monocyte-Derived Macrophages. <i>Journal of Immunology</i> , 2000, 164, 1663-1667.	0.4	596
124	A Facile Stereocontrolled Synthesis of anti-1 \pm -(Trifluoromethyl)-1 2 -amino Alcohols. <i>Organic Letters</i> , 2000, 2, 3173-3176.	2.4	96
125	Lipoxin A4 Analogues Inhibit Leukocyte Recruitment to <i>Porphyromonas gingivalis</i> : A Role for Cyclooxygenase-2 and Lipoxins in Periodontal Disease. <i>Biochemistry</i> , 2000, 39, 4761-4768.	1.2	191
126	Polyisoprenyl phosphate (PIPP) signaling regulates phospholipase D activity: a β -stop $^{\text{TM}}$ signaling switch for aspirin-triggered lipoxin A ₄ . <i>FASEB Journal</i> , 1999, 13, 903-911.	0.2	104

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127	LXA ₄ , aspirin-triggered 15-epi-LXA ₄ , and their analogs selectively downregulate PMN azurophilic degranulation. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 276, C988-C994.	2.1	61
128	Lipoxin (LX)A ₄ and Aspirin-triggered 15-epi-LXA ₄ Inhibit Tumor Necrosis Factor α -initiated Neutrophil Responses and Trafficking: Regulators of a Cytokine-Chemokine Axis. <i>Journal of Experimental Medicine</i> , 1999, 189, 1923-1930.	4.2	202
129	Local and systemic delivery of a stable aspirin-triggered lipoxin prevents neutrophil recruitment in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 8247-8252.	3.3	221
130	Aspirin-Triggered 15-Epi-Lipoxin A ₄ and Novel Lipoxin B ₄ Stable Analogs Inhibit Neutrophil-Mediated Changes in Vascular Permeability. <i>Advances in Experimental Medicine and Biology</i> , 1999, 469, 287-293.	0.8	22
131	Anti-Inflammatory Actions of Lipoxin A ₄ Stable Analogs Are Demonstrable in Human Whole Blood: Modulation of Leukocyte Adhesion Molecules and Inhibition of Neutrophil-Endothelial Interactions. <i>Blood</i> , 1999, 94, 4132-4142.	0.6	90
132	Anti-Inflammatory Actions of Lipoxin A ₄ Stable Analogs Are Demonstrable in Human Whole Blood: Modulation of Leukocyte Adhesion Molecules and Inhibition of Neutrophil-Endothelial Interactions. <i>Blood</i> , 1999, 94, 4132-4142.	0.6	73
133	Highly Stereocontrolled One-Step Synthesis of anti- β^2 -Amino Alcohols from Organoboronic Acids, Amines, and β -Hydroxy Aldehydes. <i>Journal of the American Chemical Society</i> , 1998, 120, 11798-11799.	6.6	297
134	Mild Preparation of Haloarenes by Ipso-Substitution of Arylboronic Acids with N-Halosuccinimides. <i>Synlett</i> , 1998, 1998, 141-142.	1.0	84
135	Lipoxin B ₄ regulates human monocyte/neutrophil adherence and motility: design of stable lipoxin B ₄ analogs with increased biologic activity. <i>FASEB Journal</i> , 1998, 12, 487-494.	0.2	92
136	Pathogen-induced chemokine secretion from model intestinal epithelium is inhibited by lipoxin A ₄ analogs. <i>Journal of Clinical Investigation</i> , 1998, 101, 1860-1869.	3.9	147
137	Neutrophil-mediated changes in vascular permeability are inhibited by topical application of aspirin-triggered 15-epi-lipoxin A ₄ and novel lipoxin B ₄ stable analogues. <i>Journal of Clinical Investigation</i> , 1998, 101, 819-826.	3.9	202
138	Facile Preparation of Fluorine-containing Alkenes, Amides and Alcohols via the Electrophilic Fluorination of Alkenyl Boronic Acids and Trifluoroborates. <i>Synlett</i> , 1997, 1997, 606-608.	1.0	104
139	Lipoxin A ₄ Stable Analogs Are Potent Mimetics That Stimulate Human Monocytes and THP-1 Cells via a G-protein-linked Lipoxin A ₄ Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 6972-6978.	1.6	237
140	Aspirin-triggered 15-Epi-Lipoxin A ₄ (LXA ₄) and LXA ₄ Stable Analogues Are Potent Inhibitors of Acute Inflammation: Evidence for Anti-inflammatory Receptors. <i>Journal of Experimental Medicine</i> , 1997, 185, 1693-1704.	4.2	405
141	Lipoxin A ₄ stable analogs inhibit leukocyte rolling and adherence in the rat mesenteric microvasculature: Role of P-selectin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 9967-9972.	3.3	104
142	Alkylation of Carbonyl Compounds with Alkenyltitanocene Derivatives. <i>Journal of Organic Chemistry</i> , 1997, 62, 782-783.	1.7	51
143	A New and Practical Synthesis of β -Amino Acids from Alkenyl Boronic Acids. <i>Journal of the American Chemical Society</i> , 1997, 119, 445-446.	6.6	428
144	Polysoprenyl phosphates in intracellular signalling. <i>Nature</i> , 1997, 389, 985-990.	13.7	58

#	ARTICLE	IF	CITATIONS
145	A new synthesis of $\hat{\iota}$ -arylglycines from aryl boronic acids. <i>Tetrahedron</i> , 1997, 53, 16463-16470.	1.0	201
146	Cyclopentadienyl Titanium Derivatives in Organic Synthesis. <i>Current Organic Chemistry</i> , 1997, 1, 249-286.	0.9	29
147	Organotitanium compounds in organic synthesis. <i>Pure and Applied Chemistry</i> , 1996, 68, 667-670.	0.9	70
148	Formation of eight-membered ring $\hat{\iota}$ -keto lactones via the intramolecular trapping of hydroxy acylketenes. <i>Research on Chemical Intermediates</i> , 1996, 22, 781-790.	1.3	1
149	Stereocontrolled synthesis of substituted tetrahydropyrans from 1,3-dioxan-4-ones. <i>Tetrahedron Letters</i> , 1996, 37, 141-144.	0.7	114
150	Mild conversion of alkenyl boronic acids to alkenyl halides with halosuccinimides. <i>Tetrahedron Letters</i> , 1996, 37, 567-570.	0.7	81
151	Synthesis of Substituted Benzonornadienes from Cyclobutenediones. <i>Synlett</i> , 1996, 1996, 155-156.	1.0	7
152	Methylenations of heteroatom-substituted carbonyls with dimethyl titanocene. <i>Tetrahedron Letters</i> , 1995, 36, 2393-2396.	0.7	102
153	Tris(trimethylsilyl) titanacyclobutene: A new mild reagent for the conversion of carbonyls to alkenyl silanes. <i>Tetrahedron Letters</i> , 1995, 36, 3619-3622.	0.7	46
154	Titanium-mediated olefinations of cyclobutenedione derivatives. <i>Tetrahedron Letters</i> , 1995, 36, 6001-6004.	0.7	18
155	Design of Lipoxin A4 Stable Analogs That Block Transmigration and Adhesion of Human Neutrophils. <i>Biochemistry</i> , 1995, 34, 14609-14615.	1.2	309
156	New Stereocontrolled Synthesis of Substituted Tetrahydrofurans from 1,3-Dioxolan-4-ones. <i>Journal of the American Chemical Society</i> , 1995, 117, 6394-6395.	6.6	63
157	Spectroscopic, crystallographic and computational studies of the formation and isomerization of cyclic acetals and ketals of pentonolactones. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 2535-2562.	1.8	25
158	Alicyclic claisen rearrangement with a two-atom ring contraction. A new synthetic approach to cembranoids. <i>Tetrahedron Letters</i> , 1993, 34, 1721-1724.	0.7	28
159	The boronic acid mannich reaction: A new method for the synthesis of geometrically pure allylamines. <i>Tetrahedron Letters</i> , 1993, 34, 583-586.	0.7	395
160	Biscyclopropyl titanocene: A novel reagent for the synthesis of alkylidene and vinyl cyclopropanes. <i>Tetrahedron Letters</i> , 1993, 34, 943-946.	0.7	83
161	Investigations of the formation of cyclic acetal and ketal derivatives of D-ribo-1,4-lactone and 2-deoxy-D-ribo-1,4-lactone. <i>Tetrahedron</i> , 1993, 49, 349-362.	1.0	22
162	Ring-opening metathesis polymerization of norbornene with titanium alkylidenes generated by thermolysis of dimethyltitanocene and related cyclopentadienyltitanium(IV) derivatives. <i>Journal of the American Chemical Society</i> , 1993, 115, 7208-7214.	6.6	87

#	ARTICLE	IF	CITATIONS
163	Reactions of dimethyltitanocene with alkynes and nitriles. <i>Organometallics</i> , 1993, 12, 3776-3780.	1.1	64
164	Titanium-Mediated Carbonyl Olefinations; 3: Conversion of Carbonyl Compounds to Vinylsilanes with Cyclopentadienyl(trimethylsilylmethyl)titanium(IV) Derivatives. <i>Synlett</i> , 1992, 1992, 665-667.	1.0	57
165	Titanium-mediated carbonyl olefinations. 2. Benzyldenations of carbonyl compounds with dibenzyl titanocene. <i>Journal of Organic Chemistry</i> , 1992, 57, 1327-1330.	1.7	87
166	Enolates of α -allenyl ketones: formation and aldol reactions of cumulenolates. <i>Journal of the American Chemical Society</i> , 1992, 114, 10328-10334.	6.6	46
167	The synthesis of carbocyclic eight-membered rings. <i>Tetrahedron</i> , 1992, 48, 5757-5821.	1.0	318
168	Lipoxins and Related Eicosanoids: Biosynthesis, Biological Properties, and Chemical Synthesis. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1100-1116.	4.4	100
169	Lipoxine und verwandte Eicosanoide: Biosynthese, biologische Eigenschaften und chemische Synthese. <i>Angewandte Chemie</i> , 1991, 103, 1119-1136.	1.6	22
170	A Claisen rearrangement strategy for the three-atom ring expansion of cyclic ketones. A total synthesis of (Δ^{\pm}) precapnelladiene. <i>Tetrahedron Letters</i> , 1990, 31, 6799-6802.	0.7	45
171	Synthesis of 8-membered ring lactones from dioxolenones. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 836.	2.0	19
172	Titanium-mediated carbonyl olefinations. 1. Methylenations of carbonyl compounds with dimethyltitanocene. <i>Journal of the American Chemical Society</i> , 1990, 112, 6392-6394.	6.6	519
173	N-phenylselenophthalimide (NPSP). <i>Tetrahedron</i> , 1985, 41, 4835-4841.	1.0	126
174	Modulation of leukotriene synthesis and actions by synthetic derivatives of arachidonic acid. <i>Prostaglandins</i> , 1985, 29, 765-771.	1.2	11
175	Ethanoarachidonic acids, a new class of arachidonic acid cascade modulators. 2. Polyethano compounds. <i>Journal of Organic Chemistry</i> , 1983, 48, 5403-5404.	1.7	10
176	Ethanoarachidonic acids. A new class of arachidonic acid cascade modulators. 1. Monoethano compounds. <i>Journal of Organic Chemistry</i> , 1983, 48, 5400-5403.	1.7	32
177	The endiandric acid cascade. Electrocyclizations in organic synthesis. I. Stepwise, stereocontrolled total synthesis of endiandric acids A and B. <i>Journal of the American Chemical Society</i> , 1982, 104, 5555-5557.	6.6	201
178	The endiandric acid cascade. Electrocyclizations in organic synthesis. 4. Biomimetic approach to endiandric acids A-G. Total synthesis and thermal studies. <i>Journal of the American Chemical Society</i> , 1982, 104, 5560-5562.	6.6	153
179	Selective inhibition of 5-lipoxygenase by 5,6-methanoleukotriene A ₄ , a stable analogue of leukotriene A ₄ . <i>FEBS Letters</i> , 1982, 143, 13-16.	1.3	33
180	The endiandric acid cascade. Electrocyclizations in organic synthesis. 3. "Biomimetic" approach to endiandric acids A-G. Synthesis of precursors. <i>Journal of the American Chemical Society</i> , 1982, 104, 5558-5560.	6.6	132

#	ARTICLE	IF	CITATIONS
181	The endiandric acid cascade. Electrocyclizations in organic synthesis. 2. Stepwise, stereocontrolled total synthesis of endiandric acids C-G. <i>Journal of the American Chemical Society</i> , 1982, 104, 5557-5558.	6.6	128
182	5,6-Methanoleukotriene A4. A stable and biologically active analogue of leukotriene A4. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 1195.	2.0	20
183	Synthesis of macrocycles by intramolecular ketophosphonate reactions. Stereoselective construction of the "left-wing" of carbomycin B and a synthesis of dl-muscone from oleic acid. <i>Journal of Organic Chemistry</i> , 1979, 44, 4011-4013.	1.7	117