

Nicos A Petasis

List of Publications by Year in descending order

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183
papers

21,339
citations

6254

80
h-index

9342

143
g-index

198
all docs

198
docs citations

198
times ranked

14613
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereochemical assignment, antiinflammatory properties, and receptor for the omega-3 lipid mediator resolvin E1. <i>Journal of Experimental Medicine</i> , 2005, 201, 713-722.	8.5	829
2	Resolvins and Protectins in Inflammation Resolution. <i>Chemical Reviews</i> , 2011, 111, 5922-5943.	47.7	823
3	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.	7.1	638
4	Resolvin D2 is a potent regulator of leukocytes and controls microbial sepsis. <i>Nature</i> , 2009, 461, 1287-1291.	27.8	599
5	Cutting Edge: Lipoxins Rapidly Stimulate Nonphlogistic Phagocytosis of Apoptotic Neutrophils by Monocyte-Derived Macrophages. <i>Journal of Immunology</i> , 2000, 164, 1663-1667.	0.8	596
6	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.	7.1	544
7	Titanium-mediated carbonyl olefinations. 1. Methylenations of carbonyl compounds with dimethyltitanocene. <i>Journal of the American Chemical Society</i> , 1990, 112, 6392-6394.	13.7	519
8	Resolvin D1 and Its Aspirin-triggered 17R Epimer. <i>Journal of Biological Chemistry</i> , 2007, 282, 9323-9334.	3.4	452
9	A New and Practical Synthesis of $\hat{\pm}$ -Amino Acids from Alkenyl Boronic Acids. <i>Journal of the American Chemical Society</i> , 1997, 119, 445-446.	13.7	428
10	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.	0.8	424
11	Aspirin-triggered 15-Epi-Lipoxin A4 (LXA4) and LXA4 Stable Analogues Are Potent Inhibitors of Acute Inflammation: Evidence for Anti-inflammatory Receptors. <i>Journal of Experimental Medicine</i> , 1997, 185, 1693-1704.	8.5	405
12	Macrophage proresolving mediator maresin 1 stimulates tissue regeneration and controls pain. <i>FASEB Journal</i> , 2012, 26, 1755-1765.	0.5	401
13	The boronic acid mannich reaction: A new method for the synthesis of geometrically pure allylamines. <i>Tetrahedron Letters</i> , 1993, 34, 583-586.	1.4	395
14	RvE1 protects from local inflammation and osteoclast-mediated bone destruction in periodontitis. <i>FASEB Journal</i> , 2006, 20, 401-403.	0.5	374
15	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.	0.8	364
16	Defective lipoxin-mediated anti-inflammatory activity in the cystic fibrosis airway. <i>Nature Immunology</i> , 2004, 5, 388-392.	14.5	321
17	The synthesis of carbocyclic eight-membered rings. <i>Tetrahedron</i> , 1992, 48, 5757-5821.	1.9	318
18	Design of Lipoxin A4 Stable Analogs That Block Transmigration and Adhesion of Human Neutrophils. <i>Biochemistry</i> , 1995, 34, 14609-14615.	2.5	309

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19	Highly Stereocontrolled One-Step Synthesis of anti-1 ² -Amino Alcohols from Organoboronic Acids, Amines, and 1-Hydroxy Aldehydes. <i>Journal of the American Chemical Society</i> , 1998, 120, 11798-11799.	13.7	297
20	Lipoxins, Aspirin-Triggered Epi-Lipoxins, Lipoxin Stable Analogues, and the Resolution of Inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 2497-2507.	6.1	273
21	Green tea polyphenols block the anticancer effects of bortezomib and other boronic acid-based proteasome inhibitors. <i>Blood</i> , 2009, 113, 5927-5937.	1.4	265
22	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.	7.1	240
23	Lipoxin A4 Stable Analogs Are Potent Mimetics That Stimulate Human Monocytes and THP-1 Cells via a G-protein-linked Lipoxin A4 Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 6972-6978.	3.4	237
24	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.	6.4	235
25	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.	0.5	232
26	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.	7.1	221
27	Rapid Appearance of Resolvin Precursors in Inflammatory Exudates: Novel Mechanisms in Resolution. <i>Journal of Immunology</i> , 2008, 181, 8677-8687.	0.8	220
28	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Potent Immunoresolvents. <i>Chemistry and Biology</i> , 2013, 20, 188-201.	6.0	204
29	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.	2.5	203
30	Lipoxin (LX)A4 and Aspirin-triggered 15-epi-LXA4 Inhibit Tumor Necrosis Factor 1 α -initiated Neutrophil Responses and Trafficking: Regulators of a Cytokine-Chemokine Axis. <i>Journal of Experimental Medicine</i> , 1999, 189, 1923-1930.	8.5	202
31	Neutrophil-mediated changes in vascular permeability are inhibited by topical application of aspirin-triggered 15-epi-lipoxin A4 and novel lipoxin B4 stable analogues. <i>Journal of Clinical Investigation</i> , 1998, 101, 819-826.	8.2	202
32	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.	13.7	201
33	A new synthesis of 1-aryl-glycines from aryl boronic acids. <i>Tetrahedron</i> , 1997, 53, 16463-16470.	1.9	201
34	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.	7.1	200
35	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.	5.6	199
36	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.	2.5	191

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37	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.	0.8	182
38	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.	6.0	174
39	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.	0.8	155
40	Regioselective Conversion of Arylboronic Acids to Phenols and Subsequent Coupling to Symmetrical Diaryl Ethers. <i>Journal of Organic Chemistry</i> , 2001, 66, 633-634.	3.2	154
41	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.	13.7	153
42	Synthon-based ligand discovery in virtual libraries of over 11 billion compounds. <i>Nature</i> , 2022, 601, 452-459.	27.8	153
43	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.	6.1	147
44	Pathogen-induced chemokine secretion from model intestinal epithelium is inhibited by lipoxin A4 analogs. <i>Journal of Clinical Investigation</i> , 1998, 101, 1860-1869.	8.2	147
45	Novel Proresolving Aspirin-Triggered DHA Pathway. <i>Chemistry and Biology</i> , 2011, 18, 976-987.	6.0	145
46	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.	7.1	144
47	Metabolic Inactivation of Resolvin E1 and Stabilization of Its Anti-inflammatory Actions. <i>Journal of Biological Chemistry</i> , 2006, 281, 22847-22854.	3.4	139
48	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.	13.7	132
49	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. <i>Cancer Research</i> , 2008, 68, 843-851.	0.9	131
50	ipso-Nitration of Arylboronic Acids with Chlorotrimethylsilane Nitrate Salts. <i>Organic Letters</i> , 2004, 6, 2205-2207.	4.6	130
51	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.	13.7	128
52	Aspirin-Triggered Lipoxins Override the Apoptosis-Delaying Action of Serum Amyloid A in Human Neutrophils: A Novel Mechanism for Resolution of Inflammation. <i>Journal of Immunology</i> , 2007, 179, 616-622.	0.8	128
53	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. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 75-83.	1.5	127
54	N-phenylselenophthalimide (NPSP). <i>Tetrahedron</i> , 1985, 41, 4835-4841.	1.9	126

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55	Stereoselective Synthesis of anti-1±-(Difluoromethyl)-1²-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.	3.2	124
56	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. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1262-1275.	4.1	120
57	One-step three-component reaction among organoboronic acids, amines and salicylaldehydes. <i>Tetrahedron Letters</i> , 2001, 42, 539-542.	1.4	119
58	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.	3.2	117
59	Stereocontrolled synthesis of substituted tetrahydropyrans from 1,3-dioxan-4-ones. <i>Tetrahedron Letters</i> , 1996, 37, 141-144.	1.4	114
60	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.	0.8	111
61	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.	1.8	104
62	Lipoxin A4 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.	7.1	104
63	Polyisoprenyl phosphate (PIPP) signaling regulates phospholipase D activity: a "stop"™ signaling switch for aspirin-triggered lipoxin A ₄ . <i>FASEB Journal</i> , 1999, 13, 903-911.	0.5	104
64	Methylenations of heteroatom-substituted carbonyls with dimethyl titanocene. <i>Tetrahedron Letters</i> , 1995, 36, 2393-2396.	1.4	102
65	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
66	Inhibition of autophagy and induction of breast cancer cell death by mefloquine, an antimalarial agent. <i>Cancer Letters</i> , 2012, 326, 143-154.	7.2	98
67	Novel aspirin-triggered neuroprotectin D1 attenuates cerebral ischemic injury after experimental stroke. <i>Experimental Neurology</i> , 2012, 236, 122-130.	4.1	98
68	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.	4.1	97
69	A Facile Stereocontrolled Synthesis of anti-1±-(Trifluoromethyl)-1²-amino Alcohols. <i>Organic Letters</i> , 2000, 2, 3173-3176.	4.6	96
70	Expanding Roles for Organoboron Compounds " Versatile and Valuable Molecules for Synthetic, Biological and Medicinal Chemistry. <i>Australian Journal of Chemistry</i> , 2007, 60, 795.	0.9	96
71	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.	0.5	92
72	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.	2.2	92

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73	Resolvin D1, protectin D1, and related docosahexaenoic acid-derived products: Analysis via electrospray/low energy tandem mass spectrometry based on spectra and fragmentation mechanisms. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 128-144.	2.8	91
74	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.	3.4	90
75	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.	4.1	90
76	Anti-Inflammatory Actions of Lipoxin A4 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.	1.4	90
77	Titanium-mediated carbonyl olefinations. 2. Benzylidenations of carbonyl compounds with dibenzyl titanocene. <i>Journal of Organic Chemistry</i> , 1992, 57, 1327-1330.	3.2	87
78	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.	13.7	87
79	Mild Preparation of Haloarenes by Ipso-Substitution of Arylboronic Acids with N-Halosuccinimides. <i>Synlett</i> , 1998, 1998, 141-142.	1.8	84
80	Biscyclopropyl titanocene: A novel reagent for the synthesis of alkylidene and vinyl cyclopropanes. <i>Tetrahedron Letters</i> , 1993, 34, 943-946.	1.4	83
81	Lipoxins Induce Actin Reorganization in Monocytes and Macrophages But Not in Neutrophils. <i>American Journal of Pathology</i> , 2002, 160, 2275-2283.	3.8	83
82	Mild conversion of alkenyl boronic acids to alkenyl halides with halosuccinimides. <i>Tetrahedron Letters</i> , 1996, 37, 567-570.	1.4	81
83	Resolvin D4 stereoassignment and its novel actions in host protection and bacterial clearance. <i>Scientific Reports</i> , 2016, 6, 18972.	3.3	81
84	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. <i>Molecular Cancer</i> , 2006, 5, 19.	19.2	80
85	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.	7.1	79
86	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.	3.4	78
87	Celecoxib analogs that lack COX-2 inhibitory function: preclinical development of novel anticancer drugs. <i>Expert Opinion on Investigational Drugs</i> , 2008, 17, 197-208.	4.1	78
88	Synthesis of piperazinones and benzopiperazinones from 1,2-diamines and organoboronic acids. <i>Tetrahedron Letters</i> , 2000, 41, 9607-9611.	1.4	75
89	Perillyl Alcohol for the Treatment of Temozolomide-Resistant Gliomas. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 2462-2472.	4.1	75
90	Anti-Inflammatory Actions of Lipoxin A4 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.	1.4	73

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91	Organotitanium compounds in organic synthesis. <i>Pure and Applied Chemistry</i> , 1996, 68, 667-670.	1.9	70
92	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.	0.8	68
93	Reactions of dimethyltitanocene with alkynes and nitriles. <i>Organometallics</i> , 1993, 12, 3776-3780.	2.3	64
94	New Stereocontrolled Synthesis of Substituted Tetrahydrofurans from 1,3-Dioxolan-4-ones. <i>Journal of the American Chemical Society</i> , 1995, 117, 6394-6395.	13.7	63
95	Ivermectin reduces alcohol intake and preference in mice. <i>Neuropharmacology</i> , 2012, 63, 190-201.	4.1	62
96	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.	4.6	61
97	COX-2 inhibition is neither necessary nor sufficient for celecoxib to suppress tumor cell proliferation and focus formation in vitro. <i>Molecular Cancer</i> , 2008, 7, 38.	19.2	61
98	Elovanoids are novel cell-specific lipid mediators necessary for neuroprotective signaling for photoreceptor cell integrity. <i>Scientific Reports</i> , 2017, 7, 5279.	3.3	59
99	Polysoprenyl phosphates in intracellular signalling. <i>Nature</i> , 1997, 389, 985-990.	27.8	58
100	Titanium-Mediated Carbonyl Olefinations; 3: Conversion of Carbonyl Compounds to Vinylsilanes with Cyclopentadienyl(trimethylsilylmethyl)titanium(IV) Derivatives. <i>Synlett</i> , 1992, 1992, 665-667.	1.8	57
101	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.	1.4	56
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.	2.2	56
103	Design and synthesis of benzo-lipoxin A4 analogs with enhanced stability and potent anti-inflammatory properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1382-1387.	2.2	56
104	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.	1.8	56
105	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.	7.2	54
106	The Resolvin D1 Analogue Controls Maturation of Dendritic Cells and Suppresses Alloimmunity in Corneal Transplantation. , 2014, 55, 5944.		54
107	Allenation of Carbonyl Compounds with Alkenyltitanocene Derivatives. <i>Journal of Organic Chemistry</i> , 1997, 62, 782-783.	3.2	51
108	Anti-inflammatory and pro-resolving properties of benzo-lipoxin A4 analogs. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2009, 81, 357-366.	2.2	51

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109	Enhanced killing of chemo-resistant breast cancer cells via controlled aggravation of ER stress. <i>Cancer Letters</i> , 2009, 282, 87-97.	7.2	49
110	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.	4.6	48
111	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Protective for Injured Epithelia. <i>American Journal of Pathology</i> , 2016, 186, 1801-1813.	3.8	47
112	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.	7.1	47
113	Enolates of α -allenyl ketones: formation and aldol reactions of cumulenolates. <i>Journal of the American Chemical Society</i> , 1992, 114, 10328-10334.	13.7	46
114	Tris(trimethylsilyl) titanacyclobutene: A new mild reagent for the conversion of carbonyls to alkenyl silanes. <i>Tetrahedron Letters</i> , 1995, 36, 3619-3622.	1.4	46
115	A Claisen rearrangement strategy for the three-atom ring expansion of cyclic ketones. A total synthesis of (\pm) precapnelladiene. <i>Tetrahedron Letters</i> , 1990, 31, 6799-6802.	1.4	45
116	Inhibition of the function of class IIa HDACs by blocking their interaction with MEF2. <i>Nucleic Acids Research</i> , 2012, 40, 5378-5388.	14.5	44
117	Protective Actions of Aspirin-Triggered (17 <i>R</i>) Resolvin D1 and Its Analogue, 17 <i>R</i> -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.	0.8	44
118	Interleukin-8 reduces post-surgical lymphedema formation by promoting lymphatic vessel regeneration. <i>Angiogenesis</i> , 2013, 16, 29-44.	7.2	43
119	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.	4.6	43
120	Elovanoids are a novel class of homeostatic lipid mediators that protect neural cell integrity upon injury. <i>Science Advances</i> , 2017, 3, e1700735.	10.3	43
121	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
122	Noscapine inhibits tumor growth in TMZ-resistant gliomas. <i>Cancer Letters</i> , 2011, 312, 245-252.	7.2	41
123	Stereocontrolled total synthesis of Neuroprotectin D1/Protectin D1 and its aspirin-triggered stereoisomer. <i>Tetrahedron Letters</i> , 2012, 53, 1695-1698.	1.4	41
124	Fluorophores Related to the Green Fluorescent Protein and Their Use in Optoelectronic Devices. <i>Advanced Materials</i> , 2000, 12, 1678-1681.	21.0	34
125	Cystic fibrosis and lipoxins. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 73, 263-270.	2.2	34
126	Selective inhibition of 5-lipoxygenase by 5,6-methanoleukotriene A4, a stable analogue of leukotriene A4. <i>FEBS Letters</i> , 1982, 143, 13-16.	2.8	33

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127	Ethanoarachidonic acids. A new class of arachidonic acid cascade modulators. 1. Monoethano compounds. <i>Journal of Organic Chemistry</i> , 1983, 48, 5400-5403.	3.2	32
128	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.	2.1	31
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