

Joshua Rokach

List of Publications by Year in descending order

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44069

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#	ARTICLE	IF	CITATIONS
1	Targeting the OXE receptor with a selective antagonist inhibits allergen-induced pulmonary inflammation in non-human primates. <i>British Journal of Pharmacology</i> , 2022, 179, 322-336.	5.4	6
2	Metabolism of anti-inflammatory OXE (oxoeicosanoid) receptor antagonists by nonhuman primates. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 172, 106144.	4.0	1
3	Novel highly potent OXE receptor antagonists with prolonged plasma lifetimes that are converted to active metabolites in vivo in monkeys. <i>British Journal of Pharmacology</i> , 2020, 177, 388-401.	5.4	10
4	Inhibition of allergen-induced dermal eosinophilia by an oxoeicosanoid receptor antagonist in non-human primates. <i>British Journal of Pharmacology</i> , 2020, 177, 360-371.	5.4	10
5	Targeting the OXE receptor as a potential novel therapy for asthma. <i>Biochemical Pharmacology</i> , 2020, 179, 113930.	4.4	14
6	Metabolism and pharmacokinetics of a potent N-acylindole antagonist of the OXE receptor for the eosinophil chemoattractant 5-oxo-6,8,11,14-eicosatetraenoic acid (5-oxo-EETE) in rats and monkeys. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 115, 88-99.	4.0	6
7	Novel Highly Potent and Metabolically Resistant Oxoeicosanoid (OXE) Receptor Antagonists That Block the Actions of the Granulocyte Chemoattractant 5-Oxo-6,8,11,14-Eicosatetraenoic Acid (5-oxo-EETE). <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5934-5948.	6.4	7
8	Structure-activity relationship study of β^2 -oxidation resistant indole-based 5-oxo-6,8,11,14-eicosatetraenoic acid (5-oxo-EETE) receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4770-4776.	2.2	4
9	In vivo β^2 -hydroxylation of a 2-alkylindole antagonist of the OXE receptor for the eosinophil chemoattractant 5-oxo-6,8,11,14-eicosatetraenoic acid in monkeys. <i>Biochemical Pharmacology</i> , 2017, 138, 107-118.	4.4	8
10	Design and synthesis of affinity chromatography ligands for the purification of 5-hydroxyeicosanoid dehydrogenase. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 116-125.	3.0	4
11	Pharmacokinetics and Metabolism of Selective Oxoeicosanoid (OXE) Receptor Antagonists and Their Effects on 5-Oxo-6,8,11,14-eicosatetraenoic Acid (5-Oxo-EETE)-Induced Granulocyte Activation in Monkeys. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10127-10146.	6.4	14
12	5-Oxo-EETE and Inflammation. , 2016, , 185-210.		1
13	Biosynthesis and actions of 5-oxoeicosatetraenoic acid (5-oxo-EETE) on feline granulocytes. <i>Biochemical Pharmacology</i> , 2015, 96, 247-255.	4.4	14
14	Stereoselective synthesis of two highly potent 5-oxo-EETE receptor antagonists. <i>Tetrahedron Letters</i> , 2015, 56, 6896-6899.	1.4	11
15	Biosynthesis, biological effects, and receptors of hydroxyeicosatetraenoic acids (HETEs) and oxoeicosatetraenoic acids (oxo-EETEs) derived from arachidonic acid. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 340-355.	2.4	234
16	Inhibition of 5-Oxo-6,8,11,14-eicosatetraenoic Acid-Induced Activation of Neutrophils and Eosinophils by Novel Indole OXE Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 364-377.	6.4	27
17	Two Potent OXE-R Antagonists: Assignment of Stereochemistry. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 815-819.	2.8	13
18	Base-dependent formation of cis and trans olefins and their application in the synthesis of 5-oxo-EETE receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3385-3388.	2.2	7

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19	Quantification of Lipid Mediator Metabolites in Human Urine from Asthma Patients by Electrospray Ionization Mass Spectrometry: Controlling Matrix Effects. <i>Analytical Chemistry</i> , 2013, 85, 7866-7874.	6.5	44
20	Quantification of <i>in vivo</i> oxidative damage in <i>Caenorhabditis elegans</i> during aging by endogenous F3-isoprostane measurement. <i>Aging Cell</i> , 2013, 12, 214-223.	6.7	39
21	The eosinophil chemoattractant 5-oxo-EETE and the OXE receptor. <i>Progress in Lipid Research</i> , 2013, 52, 651-665.	11.6	71
22	5-Oxo-EETE Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3725-3732.	6.4	22
23	5-Oxo-EETE is a major oxidative stress-induced arachidonate metabolite in B lymphocytes. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1297-1304.	2.9	15
24	5-Oxo-15-HETE: Total synthesis and bioactivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1857-1860.	2.2	5
25	C20-trifluoro-5-oxo-EETE: A metabolically stable 5-oxo-EETE derivative. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1987-1990.	2.2	4
26	Enhanced formation of 5-oxo-6,8,11,14-eicosatetraenoic acid by cancer cells in response to oxidative stress, docosahexaenoic acid and neutrophil-derived 5-hydroxy-6,8,11,14-eicosatetraenoic acid. <i>Carcinogenesis</i> , 2011, 32, 822-828.	2.8	19
27	Novel Eicosapentaenoic Acid-derived F3-isoprostanes as Biomarkers of Lipid Peroxidation. <i>Journal of Biological Chemistry</i> , 2009, 284, 23636-23643.	3.4	44
28	5-Oxo-EETE and the OXE receptor. <i>Prostaglandins and Other Lipid Mediators</i> , 2009, 89, 98-104.	1.9	94
29	Oxidative stress-induced changes in pyridine nucleotides and chemoattractant 5-lipoxygenase products in aging neutrophils. <i>Free Radical Biology and Medicine</i> , 2009, 47, 62-71.	2.9	32
30	A new approach to the synthesis of polyunsaturated deuterated isoprostanes: Total synthesis of d4-5-epi-8,12-iso-iPF3 β -VI and d4-8,12-iso-iPF3 α -VI. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6755-6758.	2.2	3
31	Substrate Selectivity of 5-Hydroxyeicosanoid Dehydrogenase and Its Inhibition by 5-Hydroxy- β -Long-Chain Fatty Acids. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 335-341.	2.5	15
32	Eicosapentaenoic-acid-derived isoprostanes: Synthesis and discovery of two major isoprostanes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5523-5527.	2.2	12
33	Human Neutrophils Convert the Sebum-derived Polyunsaturated Fatty Acid Sebaleic Acid to a Potent Granulocyte Chemoattractant. <i>Journal of Biological Chemistry</i> , 2008, 283, 11234-11243.	3.4	28
34	Structural Requirements for Activation of the 5-Oxo-6 <i>E</i> ,8 <i>Z</i> ,11 <i>Z</i> ,14 <i>Z</i> -eicosatetraenoic Acid (5-Oxo-EETE) Receptor: Identification of a Mead Acid Metabolite with Potent Agonist Activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 698-707.	2.5	59
35	Enantio- and Stereospecific Syntheses of 15(R)-Me-PGD ₂ , A Potent and Selective DP ₂ Receptor Agonist. <i>Journal of Organic Chemistry</i> , 2008, 73, 7213-7218.	3.2	13
36	Neurofurans, Novel Indices of Oxidant Stress Derived from Docosahexaenoic Acid. <i>Journal of Biological Chemistry</i> , 2008, 283, 6-16.	3.4	73

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37	Agonist and Antagonist Effects of 15R-Prostaglandin (PG) D ₂ and 11-Methylene-PGD ₂ on Human Eosinophils and Basophils. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 173-179.	2.5	19
38	Regulation of 5-hydroxyeicosanoid dehydrogenase activity in monocytic cells. <i>Biochemical Journal</i> , 2007, 403, 157-165.	3.7	28
39	Reductive deprotection of silyl groups with Wilkinson's catalyst/catechol borane. <i>Tetrahedron Letters</i> , 2007, 48, 5289-5292.	1.4	11
40	Airway epithelial cells synthesize the lipid mediator 5-oxo-E ₂ E in response to oxidative stress. <i>Free Radical Biology and Medicine</i> , 2007, 42, 654-664.	2.9	43
41	Total Synthesis of 8,12-iso-iPF ₃ ±-VI, an EPA-Derived Isoprostane: A Stereoselective Introduction of the Fifth Asymmetric Center. <i>Journal of Organic Chemistry</i> , 2006, 71, 1370-1379.	3.2	33
42	Metabolism of 5-hydroxy-6,8,11,14-eicosatetraenoic acid by human endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 151-156.	2.1	18
43	Oxidized derivatives of ω-3 fatty acids: identification of iPF ₃ ±-VI in human urine. <i>Journal of Lipid Research</i> , 2006, 47, 2515-2524.	4.2	32
44	An efficient preparation of stereospecific 1 ² -hydroxy nitriles. <i>Tetrahedron Letters</i> , 2005, 46, 161-164.	1.4	4
45	A new synthetic approach for 4(S)-hydroxycyclopent-2-enone: a precursor to prostanoid synthesis. <i>Tetrahedron Letters</i> , 2005, 46, 6325-6328.	1.4	9
46	iPF ₂ ±-III-17,18,19,20-d ₄ : Total synthesis and metabolism. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1613-1617.	2.2	8
47	Synthesis of 15R-PGD ₂ : a potential DP ₂ receptor agonist. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1873-1876.	2.2	14
48	Chronic melatonin therapy fails to alter amyloid burden or oxidative damage in old Tg2576 mice: implications for clinical trials. <i>Brain Research</i> , 2005, 1037, 209-213.	2.2	100
49	An Efficient Preparation of Stereospecific 1 ² -Hydroxy Nitriles.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
50	Effects of Prostaglandin D ₂ and 5-Lipoxygenase Products on the Expression of CD203c and CD11b by Basophils. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 312, 627-634.	2.5	51
51	Effects of Prostaglandin D ₂ , 15-Deoxy-1 ² -prostaglandin J ₂ , and Selective DP ₁ and DP ₂ Receptor Agonists on Pulmonary Infiltration of Eosinophils in Brown Norway Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 64-69.	2.5	67
52	Biochemistry, biology and chemistry of the 5-lipoxygenase product 5-oxo-E ₂ E. <i>Progress in Lipid Research</i> , 2005, 44, 154-183.	11.6	124
53	5-Oxo-E ₂ E regulates tone of guinea pig airway smooth muscle via activation of Ca ²⁺ pools and Rho-kinase pathway. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L631-L640.	2.9	14
54	5-Oxo-6,8,11,14-eicosatetraenoic Acid Stimulates the Release of the Eosinophil Survival Factor Granulocyte/Macrophage Colony-stimulating Factor from Monocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 28159-28164.	3.4	27

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55	Oxidative Stress Stimulates the Synthesis of the Eosinophil Chemoattractant 5-Oxo-6,8,11,14-eicosatetraenoic Acid by Inflammatory Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 40376-40384.	3.4	44
56	Vitamin E reduces amyloidosis and improves cognitive function in Tg2576 mice following repetitive concussive brain injury. <i>Journal of Neurochemistry</i> , 2004, 90, 1541-1541.	3.9	1
57	Vitamin E reduces amyloidosis and improves cognitive function in Tg2576 mice following repetitive concussive brain injury. <i>Journal of Neurochemistry</i> , 2004, 90, 758-764.	3.9	147
58	Silyl Group Deprotection by Pd/C/H ₂ . A Facile and Selective Method.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
59	Silyl group deprotection by Pd/C/H ₂ . A facile and selective method. <i>Tetrahedron Letters</i> , 2004, 45, 1973-1976.	1.4	19
60	Total synthesis of isoprostanes: discovery and quantitation in biological systems. <i>Chemistry and Physics of Lipids</i> , 2004, 128, 35-56.	3.2	41
61	F ₂ -isoprostanes as indices of lipid peroxidation in inflammatory diseases. <i>Chemistry and Physics of Lipids</i> , 2004, 128, 165-171.	3.2	116
62	Increased F ₂ isoprostane plasma levels in patients with congestive heart failure are correlated with antioxidant status and disease severity. <i>Journal of Cardiac Failure</i> , 2004, 10, 334-338.	1.7	86
63	5-Oxo-6,8,11,14-eicosatetraenoic acid induces the infiltration of granulocytes into human skin. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 112, 768-774.	2.9	52
64	Vitamin E Reduces Progression of Atherosclerosis in Low-Density Lipoprotein Receptor-Deficient Mice With Established Vascular Lesions. <i>Circulation</i> , 2003, 107, 521-523.	1.6	75
65	15 <i>R</i> -Methyl-Prostaglandin D ₂ Is a Potent and Selective CRTH ₂ /DP ₂ Receptor Agonist in Human Eosinophils. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 349-355.	2.5	78
66	15-Deoxy- $\Delta^{12,14}$ -prostaglandins D ₂ and J ₂ Are Potent Activators of Human Eosinophils. <i>Journal of Immunology</i> , 2002, 168, 3563-3569.	0.8	108
67	Increase of Brain Oxidative Stress in Mild Cognitive Impairment. <i>Archives of Neurology</i> , 2002, 59, 972.	4.5	574
68	Local and systemic increase in lipid peroxidation after moderate experimental traumatic brain injury. <i>Journal of Neurochemistry</i> , 2002, 80, 894-898.	3.9	63
69	Brains of Aged Apolipoprotein E-Deficient Mice Have Increased Levels of F ₂ -Isoprostanes, In Vivo Markers of Lipid Peroxidation. <i>Journal of Neurochemistry</i> , 2002, 73, 736-741.	3.9	51
70	The first total synthesis of iPF ₄ α -VI and its deuterated analog. <i>Tetrahedron Letters</i> , 2002, 43, 2801-2805.	1.4	20
71	An efficient approach to the synthesis of LTB ₄ and β -substituted LTB ₄ metabolites. <i>Tetrahedron Letters</i> , 2002, 43, 6063-6066.	1.4	5
72	Isoprostane Activation of the Nuclear Hormone Receptor Ppar. <i>Advances in Experimental Medicine and Biology</i> , 2002, 507, 351-355.	1.6	14

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73	Eotaxin and RANTES enhance 5-oxo-6,8,11,14-eicosatetraenoic acid-induced eosinophil chemotaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 107, 272-278.	2.9	37
74	Prostaglandin F ₂ ± Receptor-Dependent Regulation of Prostaglandin Transport. <i>Molecular Pharmacology</i> , 2001, 59, 1506-1513.	2.3	14
75	Prostaglandin D2 is a potent chemoattractant for human eosinophils that acts via a novel DP receptor. <i>Blood</i> , 2001, 98, 1942-1948.	1.4	308
76	iPF ₂ ±-III metabolism. First total synthesis of 2,3-dinor iPF ₂ ±-III, a primary 1 ² -oxidation metabolite. <i>Tetrahedron Letters</i> , 2001, 42, 8277-8280.	1.4	6
77	A photoaffinity probe for 5-hydroxyeicosanoid dehydrogenase suitable for radioiodination. <i>Tetrahedron Letters</i> , 2001, 42, 4445-4448.	1.4	13
78	Quantitative Analysis of 5-Oxo-6,8,11,14-eicosatetraenoic Acid by Electrospray Mass Spectrometry Using a Deuterium-Labeled Internal Standard. <i>Analytical Biochemistry</i> , 2001, 295, 262-266.	2.4	10
79	No evidence for lipid peroxidation in severe preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2001, 185, 572-578.	1.3	80
80	Lipid Peroxidation and Platelet Activation in Murine Atherosclerosis. <i>Circulation</i> , 2001, 104, 1940-1945.	1.6	34
81	Absence of 12/15-Lipoxygenase Expression Decreases Lipid Peroxidation and Atherogenesis in Apolipoprotein E-deficient Mice. <i>Circulation</i> , 2001, 103, 2277-2282.	1.6	225
82	Down's syndrome is associated with increased 8,12-iso-iPF ₂ ±-VI levels: Evidence for enhanced lipid peroxidation in vivo. <i>Annals of Neurology</i> , 2000, 48, 795-798.	5.3	62
83	Increased 8,12-iso-iPF ₂ ±-VI in Alzheimer's disease: Correlation of a noninvasive index of lipid peroxidation with disease severity. <i>Annals of Neurology</i> , 2000, 48, 809-812.	5.3	341
84	The design and synthesis of a 5-HETE affinity chromatography ligand for 5-hydroxyeicosanoid dehydrogenase. <i>Tetrahedron Letters</i> , 2000, 41, 5807-5811.	1.4	8
85	The synthesis of a 5-HETE photoaffinity ligand. <i>Tetrahedron Letters</i> , 2000, 41, 6313-6317.	1.4	7
86	Intramolecular sulfur-assisted NaBH ₄ reduction of esters synthesis of 5-oxo-EETE and 5-oxo-12-HETE. <i>Tetrahedron Letters</i> , 2000, 41, 5653-5657.	1.4	16
87	Prothrombinase Acceleration by Oxidatively Damaged Phospholipids. <i>Journal of Biological Chemistry</i> , 2000, 275, 22925-22930.	3.4	26
88	Specific Analysis in Plasma and Urine of 2,3-Dinor-5,6-dihydro-isoprostane F ₂ ±-III, a Metabolite of Isoprostane F ₂ ±-III and an Oxidation Product of 1 ³ -Linolenic Acid. <i>Journal of Biological Chemistry</i> , 2000, 275, 2499-2504.	3.4	39
89	Increased 8,12-iso-iPF ₂ ±-VI in Alzheimer's disease: Correlation of a noninvasive index of lipid peroxidation with disease severity. <i>Annals of Neurology</i> , 2000, 48, 809-812.	5.3	4
90	Alcohol-induced generation of lipid peroxidation products in humans. <i>Journal of Clinical Investigation</i> , 1999, 104, 805-813.	8.2	216

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91	Ongoing Prothrombotic State in Patients With Antiphospholipid Antibodies: A Role for Increased Lipid Peroxidation. <i>Blood</i> , 1999, 93, 3401-3407.	1.4	69
92	Biological Inactivation of 5-oxo-6,8,11,14-Eicosatetraenoic Acid by Human Platelets. <i>Blood</i> , 1999, 93, 1086-1096.	1.4	36
93	Leukotrienes, Lipoxins, and Hydroxyeicosatetraenoic Acids. , 1999, 120, 213-247.		14
94	Isoprostanes: Formation, Analysis and Use As Indices of Lipid Peroxidation in Vivo. <i>Journal of Biological Chemistry</i> , 1999, 274, 24441-24444.	3.4	339
95	A new method for the preparation of olefins from vicinal diols. <i>Tetrahedron Letters</i> , 1999, 40, 4019-4022.	1.4	18
96	Synthesis of iPF ₂ ±-V: a new route. <i>Tetrahedron Letters</i> , 1999, 40, 6167-6170.	1.4	10
97	A convenient strategy for the synthesis of Î²,Î³-unsaturated aldehydes and acids. A construction of skipped dienes. <i>Tetrahedron Letters</i> , 1999, 40, 7179-7183.	1.4	14
98	Vitamin E suppresses isoprostane generation in vivo and reduces atherosclerosis in ApoE-deficient mice. <i>Nature Medicine</i> , 1998, 4, 1189-1192.	30.7	496
99	Total Synthesis of 17,17,18,18-d ₄ -iPF ₂ ±-VI and Quantification of iPF ₂ ±-VI in Human Urine by Gas Chromatography/Mass Spectrometry. <i>Analytical Biochemistry</i> , 1998, 262, 45-56.	2.4	19
100	Syntheses and identification of the most abundant urinary type VI isoprostanes. <i>Tetrahedron Letters</i> , 1998, 39, 7039-7042.	1.4	16
101	Diels-Alder Approach to Isoprostanes. Total Synthesis of iPF ₂ ±-V. <i>Journal of the American Chemical Society</i> , 1998, 120, 11953-11961.	13.7	43
102	Total Synthesis of a Potent Proinflammatory 5-Oxo-E ₂ E and Its 6,7-Dihydro Biotransformation Product. <i>Journal of Organic Chemistry</i> , 1998, 63, 337-342.	3.2	62
103	The Total Synthesis of 5-Oxo-12(S)-hydroxy-6(E),8(Z),10(E),14(Z)-eicosatetraenoic Acid and Its 8,9-trans-Isomer and Their Identification in Human Platelets. <i>Journal of Organic Chemistry</i> , 1998, 63, 8976-8982.	3.2	15
104	The Total Synthesis of Tritiated and Deuterated 5-Oxo-E ₂ E, a Novel Inflammatory Mediator. <i>Journal of Organic Chemistry</i> , 1998, 63, 4098-4102.	3.2	19
105	The Isoprostanes, A New Class of Natural Products: Synthesis and Biosynthesis. <i>Synthesis</i> , 1998, 1998, 569-580.	2.3	42
106	Calcium/Calmodulin-dependent Conversion of 5-Oxo-eicosanoids to 6,7-Dihydro Metabolites by a Cytosolic Olefin Reductase in Human Neutrophils. <i>Journal of Biological Chemistry</i> , 1998, 273, 20951-20959.	3.4	13
107	Increased Formation of Distinct F ₂ Isoprostanes in Hypercholesterolemia. <i>Circulation</i> , 1998, 98, 2822-2828.	1.6	266
108	Identification of Two Major F ₂ Isoprostanes, 8,12-Iso- and 5-epi-8,12-Iso-isoprostane F ₂ ±-VI, in Human Urine. <i>Journal of Biological Chemistry</i> , 1998, 273, 29295-29301.	3.4	78

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109	Increased F ₂ -isoprostanes in Alzheimer's disease: evidence for enhanced lipid peroxidation <i>in vivo</i> . <i>FASEB Journal</i> , 1998, 12, 1777-1783.	0.5	396
110	Functional Characterization of the Ocular Prostaglandin F ₂ (PGF ₂) Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 27147-27154.	3.4	97
111	Synthesis of 10,11-Dihydro-12-oxo-LTB ₄ , a Key Biochemical Intermediate. <i>Journal of Organic Chemistry</i> , 1997, 62, 325-330.	3.2	18
112	First total synthesis of isoprostane IPF ₂ -III. <i>Tetrahedron Letters</i> , 1997, 38, 3339-3342.	1.4	23
113	High-Pressure Liquid Chromatography of Oxo-Eicosanoids Derived from Arachidonic Acid. <i>Analytical Biochemistry</i> , 1997, 247, 17-24.	2.4	16
114	Increased Formation of the Isoprostanes IPF ₂ -I and 8-Epi-Prostaglandin F ₂ in Acute Coronary Angioplasty. <i>Circulation</i> , 1997, 96, 3314-3320.	1.6	185
115	Molecular Cloning, Expression and Characterization of Mouse Leukotriene C ₄ Synthase. <i>FEBS Journal</i> , 1996, 238, 606-612.	0.2	34
116	Total synthesis of 12-epi-PGF ₂ . <i>Tetrahedron Letters</i> , 1996, 37, 779-782.	1.4	31
117	Deblocking of dithioacetals and oxathioacetals using periodic acid under mild nonaqueous conditions. <i>Tetrahedron Letters</i> , 1996, 37, 4331-4334.	1.4	43
118	Total synthesis of a novel isoprostane IPF ₂ -I and its identification in biological fluids. <i>Tetrahedron Letters</i> , 1996, 37, 4849-4852.	1.4	54
119	Effects of oxo and dihydro metabolites of 12-hydroxy-5,8,10,14-eicosatetraenoic acid on chemotaxis and cytosolic calcium levels in human neutrophils. <i>Journal of Leukocyte Biology</i> , 1995, 57, 257-263.	3.3	15
120	Total synthesis of proinflammatory dihydro-12-KETE metabolites. <i>Tetrahedron Letters</i> , 1995, 36, 513-516.	1.4	5
121	Regioncontrolled formation of iodohy dnns and expoxides from Vic-diols. <i>Tetrahedron Letters</i> , 1995, 36, 7367-7370.	1.4	23
122	12-Oxo-LTB ₄ , a Key Pivotal Intermediate in LTB ₄ Metabolism. <i>Journal of Organic Chemistry</i> , 1995, 60, 1806-1813.	3.2	27
123	An Efficient Synthesis of 4(S)-Hydroxycyclopent-2-enone. <i>Journal of Organic Chemistry</i> , 1995, 60, 7548-7551.	3.2	42
124	Synthesis of 12-KETE and its 8,9-trans-isomer. <i>Tetrahedron Letters</i> , 1994, 35, 4051-4054.	1.4	16
125	Total synthesis of 11-R,12-R-dihydroxyeicosatrienoic acid, a metabolite of the cytochrome P-450 epoxygenase pathway. <i>Tetrahedron Letters</i> , 1994, 35, 6239-6242.	1.4	6
126	Total Synthesis of 8-epi-PGF ₂ .alpha.. A Novel Strategy for the Synthesis of Isoprostanes. <i>Journal of the American Chemical Society</i> , 1994, 116, 10829-10830.	13.7	58

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127	A free radical route to syn lactones and other prostanoid intermediates in isoprostaglandin synthesis.. Tetrahedron Letters, 1993, 34, 8245-8248.	1.4	42
128	Calcium mobilization and right-angle light scatter responses to 12-oxo-derivatives of arachidonic acid in neutrophils: evidence for the involvement of the leukotriene B4 receptor. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1133, 102-106.	4.1	11
129	[1] Nomenclature. Methods in Enzymology, 1990, 187, 1-9.	1.0	21
130	Synthesis of two analogues of arachidonic acid and their reactions with 12-Lipoxygenase. Tetrahedron, 1990, 46, 6301-6310.	1.9	29
131	Inversion of configurations of contiguous carbinol centres: application to the synthesis of both enantiomers of natural products from the same enantiomerically pure starting material. Carbohydrate Research, 1990, 202, 93-104.	2.3	6
132	Fractional conversion of thromboxane A2 and B2 to urinary 2,3-dinor-thromboxane B2 and 11-dehydrothromboxane B2 in the cynomolgus monkey. Biochimica Et Biophysica Acta - General Subjects, 1989, 992, 71-77.	2.4	15
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