

Ernst H Oliw

List of Publications by Year in descending order

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142
papers

4,354
citations

101496

36
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143943

57
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145
all docs

145
docs citations

145
times ranked

2398
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese Lipoxygenase. <i>Journal of Biological Chemistry</i> , 1998, 273, 13072-13079.	1.6	160
2	The selective cyclooxygenase-2 inhibitor rofecoxib reduces kainate-induced cell death in the rat hippocampus. <i>European Journal of Neuroscience</i> , 2001, 13, 569-575.	1.2	147
3	Oxygenation of polyunsaturated fatty acids by cytochrome P450 monooxygenases. <i>Progress in Lipid Research</i> , 1994, 33, 329-354.	5.3	133
4	Analysis of Cytochrome P450 Metabolites of Arachidonic and Linoleic Acids by Liquid Chromatography-Mass Spectrometry with Ion Trap MS2. <i>Analytical Biochemistry</i> , 1998, 265, 55-68.	1.1	132
5	Unorthodox routes to prostanoid formation: new twists in cyclooxygenase-initiated pathways. <i>Journal of Clinical Investigation</i> , 2001, 107, 1481-1489.	3.9	130
6	Manganese Lipoxygenase. <i>Journal of Biological Chemistry</i> , 1998, 273, 13080-13088.	1.6	125
7	Tumor-specific expression of the novel cytochrome P450 enzyme, CYP2W1. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 451-458.	1.0	98
8	Functional Expression and Cellular Localization of a Mouse Epidermal Lipoxygenase. <i>Journal of Biological Chemistry</i> , 1996, 271, 23338-23344.	1.6	91
9	Identification of Dioxygenases Required for <i>Aspergillus</i> Development. <i>Journal of Biological Chemistry</i> , 2007, 282, 34707-34718.	1.6	88
10	Plant and fungal lipoxygenases. <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 68-69, 313-323.	1.0	83
11	cDNA Cloning and Expression of CYP4F12, a Novel Human Cytochrome P450. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 892-897.	1.0	81
12	Oxygenation of arachidonic acid by hepatic microsomes of the rabbit. <i>Lipids and Lipid Metabolism</i> , 1981, 666, 327-340.	2.6	75
13	Cyclooxygenase-2, Prostaglandin Synthases, and Prostaglandin H2Metabolism in Traumatic Brain Injury in the Rat. <i>Journal of Neurotrauma</i> , 2002, 19, 1051-1064.	1.7	73
14	A Protein Radical and Ferryl Intermediates Are Generated by Linoleate Diol Synthase, a Ferric Hemeprotein with Dioxygenase and Hydroperoxide Isomerase Activities. <i>Journal of Biological Chemistry</i> , 1998, 273, 20744-20751.	1.6	72
15	Identification of CYP4F8 in Human Seminal Vesicles as a Prominent 19-Hydroxylase of Prostaglandin Endoperoxides. <i>Journal of Biological Chemistry</i> , 2000, 275, 21844-21849.	1.6	72
16	Analysis of novel hydroperoxides and other metabolites of oleic, linoleic, and linolenic acids by liquid chromatography-mass spectrometry with ion trap MSn. <i>Lipids</i> , 1998, 33, 843-852.	0.7	71
17	Kinetics of Manganese Lipoxygenase with a Catalytic Mononuclear Redox Center. <i>Journal of Biological Chemistry</i> , 2000, 275, 18830-18835.	1.6	68
18	Purification and Characterization of Linoleate 8-Dioxygenase from the Fungus as a Novel Hemoprotein. <i>Journal of Biological Chemistry</i> , 1996, 271, 14112-14118.	1.6	56

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19	Metabolism of 18:2(n ^ω 6), 18:3(n ^ω 3), 20:4(n ^ω 6) and 20:5(n ^ω 3) by the fungus <i>Gaeumannomyces graminis</i> : Identification of metabolites formed by 8-hydroxylation and by w2 and w3 oxygenation. <i>Lipids and Lipid Metabolism</i> , 1992, 1124, 59-65.	2.6	55
20	Crystal Structure of Manganese Lipoxygenase of the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 8130-8139.	1.6	55
21	Reduction by indomethacin of furosemide effects in the rabbit. <i>European Journal of Pharmacology</i> , 1976, 38, 95-100.	1.7	54
22	Bisallylic hydroxylation and epoxidation of polyunsaturated fatty acids by cytochrome P450. <i>Lipids</i> , 1996, 31, 1003-1021.	0.7	52
23	Cloning of Linoleate Diol Synthase Reveals Homology with Prostaglandin H Synthases. <i>Journal of Biological Chemistry</i> , 1999, 274, 28219-28224.	1.6	51
24	Payne rearrangement during analysis of epoxyalcohols of linoleic and $\hat{1}\pm$ -linolenic acids by normal phase liquid chromatography with tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2006, 354, 111-126.	1.1	51
25	<i>In Vivo</i> Inhibition of Prostaglandin Synthesis in Rabbit Kidney by Non-steroidal Anti-inflammatory Drugs. <i>Acta Pharmacologica Et Toxicologica</i> , 1978, 42, 179-184.	0.0	51
26	Gene Expression of a Novel Cytochrome P450 of the CYP4F Subfamily in Human Seminal Vesicles. <i>Biochemical and Biophysical Research Communications</i> , 1999, 261, 169-174.	1.0	49
27	Biosynthesis of epoxyeicosatrienoic acids varies between polymorphic CYP2C enzymes. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 1052-1057.	1.0	45
28	Expression of manganese lipoxygenase in <i>Pichia pastoris</i> and site-directed mutagenesis of putative metal ligands. <i>Archives of Biochemistry and Biophysics</i> , 2005, 434, 201-211.	1.4	44
29	Enantiomeric separation and analysis of unsaturated hydroperoxy fatty acids by chiral column chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 872, 90-98.	1.2	43
30	Biochemical Characterization of the Oxygenation of Unsaturated Fatty Acids by the Dioxygenase and Hydroperoxide Isomerase of <i>Pseudomonas aeruginosa</i> 42A2. <i>Journal of Biological Chemistry</i> , 2010, 285, 9339-9345.	1.6	42
31	Steric analysis of 8-hydroxy- and 10-hydroxyoctadecadienoic acids and dihydroxyoctadecadienoic acids formed from 8R-hydroperoxyoctadecadienoic acid by hydroperoxide isomerases. <i>Analytical Biochemistry</i> , 2007, 367, 238-246.	1.1	41
32	Formation and metabolism of prostaglandins in the kidney. <i>Kidney International</i> , 1981, 19, 771-780.	2.6	40
33	Metabolism of arachidonic acid by isolated rat hepatocytes, renal cells and by some rabbit tissues. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1982, 721, 135-143.	1.9	40
34	Biosynthesis of 8R-hydroperoxylinoleic acid by the fungus <i>Laetisaria arvalis</i> . <i>Lipids and Lipid Metabolism</i> , 1993, 1168, 68-72.	2.6	40
35	Oxygenation of polyunsaturated long chain fatty acids by recombinant CYP4F8 and CYP4F12 and catalytic importance of Tyr-125 and Gly-328 of CYP4F8. <i>Archives of Biochemistry and Biophysics</i> , 2005, 441, 174-181.	1.4	38
36	Rabbit renal cortical microsomes metabolize arachidonic acid to trihydroxyeicosatrienoic acids. <i>Prostaglandins</i> , 1981, 22, 863-871.	1.2	37

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37	Cloning of the manganese lipoxygenase gene reveals homology with the lipoxygenase gene family. <i>FEBS Journal</i> , 2002, 269, 2690-2697.	0.2	37
38	A lipoxygenase with dual positional specificity is expressed in olives (<i>Olea europaea</i> L.) during ripening. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 339-346.	1.2	37
39	Fungal oxylipins direct programmed developmental switches in filamentous fungi. <i>Nature Communications</i> , 2020, 11, 5158.	5.8	37
40	Secretion of two novel enzymes, manganese 9S-lipoxygenase and epoxy alcohol synthase, by the rice pathogen <i>Magnaporthe salvinii</i> . <i>Journal of Lipid Research</i> , 2013, 54, 762-775.	2.0	36
41	Leucine/Valine Residues Direct Oxygenation of Linoleic Acid by (10R)- and (8R)-Dioxygenases. <i>Journal of Biological Chemistry</i> , 2009, 284, 13755-13765.	1.6	35
42	bis-Allylic hydroxylation of linoleic acid and arachidonic acid by human hepatic monooxygenases. <i>Lipids and Lipid Metabolism</i> , 1993, 1166, 258-263.	2.6	34
43	Expression of 5,8-LDS of <i>Aspergillus fumigatus</i> and its dioxygenase domain. A comparison with 7,8-LDS, 10-dioxygenase, and cyclooxygenase. <i>Archives of Biochemistry and Biophysics</i> , 2011, 506, 216-222.	1.4	33
44	Manganese lipoxygenase oxidizes bis-allylic hydroperoxides and octadecenoic acids by different mechanisms. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 138-147.	1.2	33
45	Expression of Fusion Proteins of <i>Aspergillus terreus</i> Reveals a Novel Allene Oxide Synthase. <i>Journal of Biological Chemistry</i> , 2013, 288, 11459-11469.	1.6	33
46	Metabolism of polyunsaturated fatty acids by an (n-6)-lipoxygenase associated with human ejaculates. <i>Lipids and Lipid Metabolism</i> , 1989, 1002, 283-291.	2.6	31
47	Expression of CYP4F8 (prostaglandin H 19-hydroxylase) in human epithelia and prominent induction in epidermis of psoriatic lesions. <i>Archives of Biochemistry and Biophysics</i> , 2003, 409, 188-196.	1.4	30
48	Analysis of 1,2-diols of linoleic, \pm -linolenic and arachidonic acid by gas chromatography-mass spectrometry using cyclic alkyl boronic esters. <i>Biomedical Applications</i> , 1983, 275, 245-259.	1.7	28
49	Metabolism of 5(6)-epoxyeicosatrienoic acid by ram seminal vesicles. <i>Lipids and Lipid Metabolism</i> , 1984, 793, 408-415.	2.6	28
50	Arachidonate 15-lipoxygenase in human corneal epithelium and 12- and 15-lipoxygenases in bovine corneal epithelium: Comparison with other bovine 12-lipoxygenase. <i>Lipids and Lipid Metabolism</i> , 1994, 1210, 288-296.	2.6	28
51	Oxidation of prostaglandin H ₂ and prostaglandin H ₂ analogues by human cytochromes P450: analysis of β -side chain hydroxy metabolites and four stereoisomers of 5-hydroxyprostaglandin I ₁ by mass spectrometry. Abbreviations: CYP, cytochrome P450; HHT, (12S)-hydroxy-5Z,8Z,10E-heptadecatrienoic acid; MDA, malondialdehyde; MS/MS, tandem mass spectrometry; PG, prostaglandin; PGI ₂ , prostacyclin; and TX, thromboxane. <i>Biochemical Pharmacology</i> , 2001, 62, 407-415.	2.0	28
52	Gene Deletion of 7,8-Linoleate Diol Synthase of the Rice Blast Fungus. <i>Journal of Biological Chemistry</i> , 2010, 285, 5308-5316.	1.6	28
53	Determination of β -keto-prostaglandin F ₂ in rabbit kidney and urine and its relation to sodium balance. <i>Acta Physiologica Scandinavica</i> , 1979, 105, 359-366.	2.3	27
54	Linoleate diol synthase of the rice blast fungus <i>Magnaporthe grisea</i> . <i>Lipids</i> , 2003, 38, 1275-1280.	0.7	27

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55	Stereoselective oxidation of regioisomeric octadecenoic acids by fatty acid dioxygenases. <i>Journal of Lipid Research</i> , 2011, 52, 1995-2004.	2.0	27
56	Metabolism of polyunsaturated (n + 3) fatty acids by monkey seminal vesicles: isolation and biosynthesis of omega-3 epoxides. <i>Lipids and Lipid Metabolism</i> , 1991, 1086, 287-294.	2.6	26
57	Nimesulide Aggravates Kainic Acid-Induced Seizures in the Rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001, 88, 271-276.	0.0	26
58	Discovery of a linoleate 9S-dioxygenase and an allene oxide synthase in a fusion protein of <i>Fusarium oxysporum</i> . <i>Journal of Lipid Research</i> , 2013, 54, 3471-3480.	2.0	26
59	Kinetic investigation of the rate-limiting step of manganese- and iron-lipoxygenases. <i>Archives of Biochemistry and Biophysics</i> , 2014, 555-556, 9-15.	1.4	26
60	Reaction mechanism of 5,8-linoleate diol synthase, 10R-dioxygenase, and 8,11-hydroperoxide isomerase of <i>Aspergillus clavatus</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 503-507.	1.2	25
61	Expression and characterization of manganese lipoxygenase of the rice blast fungus reveals prominent sequential lipoxygenation of \pm -linolenic acid. <i>Archives of Biochemistry and Biophysics</i> , 2015, 583, 87-95.	1.4	25
62	An allene oxide and 12-oxophytodienoic acid are key intermediates in jasmonic acid biosynthesis by <i>Fusarium oxysporum</i> . <i>Journal of Lipid Research</i> , 2017, 58, 1670-1680.	2.0	25
63	Acute unilateral ureteral occlusion increases plasma renin activity and contralateral urinary prostaglandin excretion in rabbits. <i>European Journal of Pharmacology</i> , 1978, 53, 95-102.	1.7	24
64	Prostaglandins and thromboxanes in amniotic fluid during rivanol-induced abortion and labour. <i>Prostaglandins</i> , 1980, 19, 791-803.	1.2	24
65	Chapter 1 The prostaglandins and essential fatty acids. <i>New Comprehensive Biochemistry</i> , 1983, 5, 1-44.	0.1	24
66	Studies on linoleic acid 8R-dioxygenase and hydroperoxide isomerase of the fungus <i>Gaeumannomyces graminis</i> . <i>Lipids</i> , 1995, 30, 43-50.	0.7	24
67	Manganese lipoxygenase of <i>F. oxysporum</i> and the structural basis for biosynthesis of distinct 11-hydroperoxy stereoisomers. <i>Journal of Lipid Research</i> , 2015, 56, 1606-1615.	2.0	24
68	Indomethacin and diclofenac sodium increase sodium and water excretion after extracellular volume expansion in the rabbit. <i>European Journal of Pharmacology</i> , 1978, 49, 381-388.	1.7	23
69	Oxygenation of linolenic and linoleic acid to novel vicinal dihydroxy acids by hepatic microsomes of the rabbit. <i>Biochemical and Biophysical Research Communications</i> , 1983, 111, 644-651.	1.0	23
70	A G316A Mutation of Manganese Lipoxygenase Augments Hydroperoxide Isomerase Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 17612-17623.	1.6	23
71	Analysis of epoxyeicosatrienoic acids by gas chromatography-mass spectrometry using chlorohydrin adducts. <i>Biomedical Applications</i> , 1985, 339, 175-181.	1.7	22
72	Expression of CYP4F12 in Gastrointestinal and Urogenital Epithelia*. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004, 94, 177-183.	0.0	22

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73	CYP7B1-mediated metabolism of 5 β -androstane-3 β ,17 β -diol (3 β -Adiol): A novel pathway for potential regulation of the cellular levels of androgens and neurosteroids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 1206-1215.	1.2	22
74	Catalytic Convergence of Manganese and Iron Lipoxygenases by Replacement of a Single Amino Acid. <i>Journal of Biological Chemistry</i> , 2012, 287, 31757-31765.	1.6	21
75	Different effects of furosemide on urinary excretion of prostaglandin E ₂ and F _{2α} in rabbits. <i>Acta Physiologica Scandinavica</i> , 1979, 105, 367-373.	2.3	20
76	Relation of naproxen kinetics to effect on platelet prostaglandin release in men and dysmenorrheic women. <i>Clinical Pharmacology and Therapeutics</i> , 1981, 29, 168-173.	2.3	20
77	Critical amino acids for the 8 <i>R</i> - Δ^6 -dioxygenase activity of linoleate diol synthase. A comparison with cyclooxygenases. <i>FEBS Letters</i> , 2008, 582, 3547-3551.	1.3	20
78	Crystal structure of linoleate 13 <i>R</i> -manganese lipoxygenase in complex with an adhesion protein. <i>Journal of Lipid Research</i> , 2016, 57, 1574-1588.	2.0	20
79	Biosynthesis and isomerization of 11-hydroperoxylinoleates by manganese- and iron-dependent lipoxygenases. <i>Lipids</i> , 2004, 39, 319-323.	0.7	19
80	LC-MS/MS analysis of epoxyalcohols and epoxides of arachidonic acid and their oxygenation by recombinant CYP4F8 and CYP4F22. <i>Archives of Biochemistry and Biophysics</i> , 2010, 494, 64-71.	1.4	19
81	Linoleate 9 <i>R</i> -dioxygenase and allene oxide synthase activities of <i>Aspergillus terreus</i> . <i>Archives of Biochemistry and Biophysics</i> , 2010, 495, 67-73.	1.4	19
82	Epoxy alcohol synthase of the rice blast fungus represents a novel subfamily of dioxygenase-cytochrome P450 fusion enzymes. <i>Journal of Lipid Research</i> , 2014, 55, 2113-2123.	2.0	19
83	Efflux of cyclic AMP, prostaglandin E ₂ and F _{2α} and thromboxane B ₂ in leg lymph of rabbits after scalding injury. <i>Acta Physiologica Scandinavica</i> , 1979, 107, 377-384.	2.3	18
84	Dexamethasone Induces Bisallylic Hydroxylation of Polyunsaturated Fatty Acids by Rat Liver Microsomes. <i>Archives of Biochemistry and Biophysics</i> , 1996, 332, 261-268.	1.4	18
85	Factors influencing the rearrangement of bis-allylic hydroperoxides by manganese lipoxygenase. <i>Journal of Lipid Research</i> , 2008, 49, 420-428.	2.0	18
86	A new class of fatty acid allene oxide formed by the DOX-P450 fusion proteins of human and plant pathogenic fungi, <i>C. immitis</i> and <i>Z. tritici</i> . <i>Journal of Lipid Research</i> , 2016, 57, 1518-1528.	2.0	18
87	Co-localization of COX-2, CYP4F8, and mPGES-1 in epidermis with prominent expression of CYP4F8 mRNA in psoriatic lesions. <i>Prostaglandins and Other Lipid Mediators</i> , 2006, 79, 114-125.	1.0	17
88	Linolenate 9 <i>R</i> - Δ^6 -Dioxygenase and Allene Oxide Synthase Activities of <i>Lasiodiplodia theobromae</i> . <i>Lipids</i> , 2012, 47, 65-73.	0.7	17
89	Effect of indomethacin on the renal actions of theophylline. <i>European Journal of Pharmacology</i> , 1977, 43, 9-16.	1.7	16
90	Lipoxygenases in Corneal Epithelia of Man and Cynomolgus Monkey. <i>Experimental Eye Research</i> , 1994, 59, 313-321.	1.2	16

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91	7,8- And 5,8-linoleate diol synthases support the heterolytic scission of oxygen-oxygen bonds by different amide residues. Archives of Biochemistry and Biophysics, 2013, 539, 87-91.	1.4	16
92	Biosynthesis of Jasmonates from Linoleic Acid by the Fungus <i>Fusarium oxysporum</i> . Evidence for a Novel Allene Oxide Cyclase. Lipids, 2019, 54, 543-556.	0.7	16
93	Assessment of the effects of the cyclooxygenase-2 inhibitor rofecoxib on visuospatial learning and hippocampal cell death following kainate-induced seizures in the rat. Cognitive Brain Research, 2005, 25, 826-832.	3.3	15
94	Qualitative and quantitative analysis of lipoxygenase products in bovine corneal epithelium by liquid chromatography-mass spectrometry with an ion trap. Lipids, 2000, 35, 225-232.	0.7	14
95	On the singular, dual, and multiple positional specificity of manganese lipoxygenase and its G316A mutant. Journal of Lipid Research, 2007, 48, 890-903.	2.0	14
96	Liquid chromatography/tandem mass spectrometric analysis of 7,10-dihydroxyoctadecenoic acid, its isotopomers, and other 7,10-dihydroxy fatty acids formed by <i>Pseudomonas aeruginosa</i> 42A2. Rapid Communications in Mass Spectrometry, 2010, 24, 777-783.	0.7	14
97	Identification of putative residues involved in the accessibility of the substrate-binding site of lipoxygenase by site-directed mutagenesis studies. Archives of Biochemistry and Biophysics, 2011, 509, 82-89.	1.4	14
98	Isolation and chemical conversion of two novel prostaglandin endoperoxides: 5(6)-epoxy-PGG1 and 5(6)-epoxy-PGH1. FEBS Letters, 1984, 172, 279-283.	1.3	13
99	Characterization of prostaglandin E2 20-hydroxylase of sheep vesicular glands. Lipids and Lipid Metabolism, 1986, 879, 113-119.	2.6	13
100	cDNA cloning of 15-lipoxygenase type 2 and 12-lipoxygenases of bovine corneal epithelium. The cDNA sequences of bovine 12-LO of platelet type and 15-LO type 2 have been deposited in the GenBank database under accession numbers YO8829 and AF107263, respectively. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 1999, 1437, 124-135.	1.2	13
101	A radioimmunoassay for 6-keto-prostaglandin F1 α utilizing an antiserum against 6-methoxime-prostaglandin F1 α . Prostaglandins, 1980, 19, 271-284.	1.2	12
102	Isolation and biosynthesis of 18-hydroxyprostaglandins E1 and E2 in human seminal fluid. Prostaglandins, 1988, 35, 523-533.	1.2	12
103	BW A4C and other hydroxamic acids are potent inhibitors of linoleic acid 8R-dioxygenase of the fungus <i>Gaeumannomyces graminis</i> . European Journal of Pharmacology, 1994, 254, 43-47.	1.7	12
104	On the mechanism of biosynthesis of 19-hydroxyprostaglandins of human seminal fluid and expression of cyclooxygenase-2, PGH 19-hydroxylase (CYP4F8) and microsomal PGE synthase-1 in seminal vesicles and vas deferens. Prostaglandins and Other Lipid Mediators, 2005, 75, 47-64.	1.0	12
105	Novel insights into cyclooxygenases, linoleate diol synthases, and lipoxygenases from deuterium kinetic isotope effects and oxidation of substrate analogs. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 1508-1517.	1.2	12
106	On the metabolism of epoxyeicosatrienoic acids by ram seminal vesicles: Isolation of 5(6)epoxy-prostaglandin F1 α . Biochemical and Biophysical Research Communications, 1985, 126, 1090-1096.	1.0	11
107	Oxygenation of 5,8,11-eicosatrienoic acid by prostaglandin H synthase-2 of ovine placental cotyledons: isolation of 13-hydroxy-5,8,11-eicosatrienoic and 11-hydroxy-5,8,12-eicosatrienoic acids. Biomedical Applications, 1997, 690, 332-337.	1.7	11
108	Cloning and Characterization of CYP4F21: A Prostaglandin E2 20-Hydroxylase of Ram Seminal Vesicles. Archives of Biochemistry and Biophysics, 2001, 389, 123-129.	1.4	11

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109	Discovery of a Novel Linoleate Dioxygenase of <i>Fusarium oxysporum</i> and Linoleate Diol Synthase of <i>Colletotrichum graminicola</i> . <i>Lipids</i> , 2015, 50, 1243-1252.	0.7	11
110	Fatty acid dioxygenase-cytochrome P450 fusion enzymes of filamentous fungal pathogens. <i>Fungal Genetics and Biology</i> , 2021, 157, 103623.	0.9	11
111	<i>Pichia</i> expression and mutagenesis of 7,8-linoleate diol synthase change the dioxygenase and hydroperoxide isomerase. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 579-583.	1.0	10
112	The Fatty Acid 8,11-Diol Synthase of <i>Aspergillus fumigatus</i> is Inhibited by Imidazole Derivatives and Unrelated to PpoB. <i>Lipids</i> , 2012, 47, 707-717.	0.7	10
113	Purification and site-directed mutagenesis of linoleate 9 S -dioxygenase-allene oxide synthase of <i>Fusarium oxysporum</i> confirms the oxygenation mechanism. <i>Archives of Biochemistry and Biophysics</i> , 2017, 625-626, 24-29.	1.4	10
114	Urinary excretion of prostaglandin F _{2α} and 6-keto-prostaglandin F _{1α} during volume expansion in man. <i>Acta Physiologica Scandinavica</i> , 1981, 112, 149-154.	2.3	9
115	Replacement of two amino acids of 9 R -dioxygenase-allene oxide synthase of <i>Aspergillus niger</i> inverts the chirality of the hydroperoxide and the allene oxide. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 108-118.	1.2	9
116	Iron and manganese lipoxygenases of plant pathogenic fungi and their role in biosynthesis of jasmonates. <i>Archives of Biochemistry and Biophysics</i> , 2022, 722, 109169.	1.4	9
117	On the biosynthesis of 19, 20-dehydroprostaglandin E2. <i>Prostaglandins</i> , 1987, 34, 3-13.	1.2	8
118	Enantioselective separation of some polyunsaturated epoxy fatty acids by high-performance liquid chromatography on a cellulose phenylcarbamate (Chiralcel OC) stationary phase. <i>Biomedical Applications</i> , 1992, 583, 231-235.	1.7	8
119	Observations on the substrate specificity of prostaglandin hydroxylases of monkey seminal vesicles and sheep vesicular glands. <i>Lipids and Lipid Metabolism</i> , 1989, 1001, 107-110.	2.6	7
120	Lipoxygenases in Human, Monkey, and Bovine Corneal Epithelia. <i>Annals of the New York Academy of Sciences</i> , 1994, 744, 317-319.	1.8	7
121	Studies of Lipoxygenases in the Epithelium of Cultured Bovine Cornea Using an Air Interface Model. <i>Experimental Eye Research</i> , 2000, 71, 57-67.	1.2	7
122	Product specificity of fungal 8R- and 9S-dioxygenases of the peroxidase-cyclooxygenase superfamily with amino acid derivatized polyenoic fatty acids. <i>Archives of Biochemistry and Biophysics</i> , 2018, 640, 93-101.	1.4	7
123	Additive Clinical Effect of Indomethacin Suppositories During Salicylate Therapy in Rheumatoid Patients. <i>Scandinavian Journal of Rheumatology</i> , 1981, 10, 69-75.	0.6	6
124	Biosynthesis of 5,6-dihydroxyprostaglandin E1, and F1α from 5,6-dihydroxyeicosatrienoic acid by ram seminal vesicles. <i>Lipids and Lipid Metabolism</i> , 1984, 795, 384-391.	2.6	6
125	Isolation of 19,20-dehydroprostaglandins E1 and E2 in human seminal fluid and further studies on 18,19-dehydroprostaglandins E1 and E2. <i>Archives of Biochemistry and Biophysics</i> , 1987, 258, 272-286.	1.4	6
126	Biosynthesis of Oxylipins by <i>Rhizoctonia solani</i> with Allene Oxide and Oleate 8 <i>S</i> ,9 <i>S</i> -Diol Synthase Activities. <i>Lipids</i> , 2018, 53, 527-537.	0.7	6

#	ARTICLE	IF	CITATIONS
127	Crystallization and preliminary crystallographic analysis of manganese lipoxygenase. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 522-525.	0.4	5
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133	Bisallylic Hydroxylation of Linoleic and Arachidonic Acids by Adult and Fetal Human Liver Microsomes and a Comparison with Human Recombinant Cytochromes P450. Advances in Experimental Medicine and Biology, 1997, 433, 123-126.	0.8	2
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