

Ingemar Björkhem

List of Publications by Year in descending order

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583
papers

32,919
citations

3530

90
h-index

9588

142
g-index

590
all docs

590
docs citations

590
times ranked

14638
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain Cholesterol: Long Secret Life Behind a Barrier. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 806-815.	2.4	866
2	Cholesterol homeostasis in human brain: evidence for an age-dependent flux of 24S-hydroxycholesterol from the brain into the circulation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9799-9804.	7.1	615
3	Cholesterol homeostasis in human brain: turnover of 24S-hydroxycholesterol and evidence for a cerebral origin of most of this oxysterol in the circulation. <i>Journal of Lipid Research</i> , 1998, 39, 1594-1600.	4.2	442
4	Cholesterol homeostasis in human brain: turnover of 24S-hydroxycholesterol and evidence for a cerebral origin of most of this oxysterol in the circulation. <i>Journal of Lipid Research</i> , 1998, 39, 1594-600.	4.2	336
5	Hepatic cholesterol metabolism and resistance to dietary cholesterol in LXR ² -deficient mice. <i>Journal of Clinical Investigation</i> , 2001, 107, 565-573.	8.2	335
6	The antioxidant butylated hydroxytoluene protects against atherosclerosis.. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1991, 11, 15-22.	3.9	329
7	Plasma 24S-hydroxycholesterol (cerebrosterol) is increased in Alzheimer and vascular demented patients. <i>Journal of Lipid Research</i> , 2000, 41, 195-198.	4.2	327
8	Two Genes That Map to the STSL Locus Cause Sitosterolemia: Genomic Structure and Spectrum of Mutations Involving Sterolin-1 and Sterolin-2, Encoded by ABCG5 and ABCG8, Respectively. <i>American Journal of Human Genetics</i> , 2001, 69, 278-290.	6.2	318
9	Crossing the barrier: oxysterols as cholesterol transporters and metabolic modulators in the brain. <i>Journal of Internal Medicine</i> , 2006, 260, 493-508.	6.0	314
10	Atherosclerosis and sterol 27-hydroxylase: evidence for a role of this enzyme in elimination of cholesterol from human macrophages.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 8592-8596.	7.1	295
11	Changes in the levels of cerebral and extracerebral sterols in the brain of patients with Alzheimer's disease. <i>Journal of Lipid Research</i> , 2004, 45, 186-193.	4.2	277
12	Oxysterols. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 734-742.	2.4	275
13	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , 2016, 8, 333ra50.	12.4	271
14	Influence of Pravastatin, a Specific Inhibitor of HMG-CoA Reductase, on Hepatic Metabolism of Cholesterol. <i>New England Journal of Medicine</i> , 1990, 323, 224-228.	27.0	267
15	Plasma 24S-hydroxycholesterol (cerebrosterol) is increased in Alzheimer and vascular demented patients. <i>Journal of Lipid Research</i> , 2000, 41, 195-8.	4.2	263
16	Oxysterols and neurodegenerative diseases. <i>Molecular Aspects of Medicine</i> , 2009, 30, 171-179.	6.4	250
17	Importance of a Novel Oxidative Mechanism for Elimination of Brain Cholesterol. <i>Journal of Biological Chemistry</i> , 1997, 272, 30178-30184.	3.4	248
18	Correlation between serum levels of some cholesterol precursors and activity of HMG-CoA reductase in human liver. <i>Journal of Lipid Research</i> , 1987, 28, 1137-1143.	4.2	243

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19	Markedly Reduced Bile Acid Synthesis but Maintained Levels of Cholesterol and Vitamin D Metabolites in Mice with Disrupted Sterol 27-Hydroxylase Gene. <i>Journal of Biological Chemistry</i> , 1998, 273, 14805-14812.	3.4	230
20	Effects of Cholesteryl Ester Transfer Protein Inhibition on High-Density Lipoprotein Subspecies, Apolipoprotein A-I Metabolism, and Fecal Sterol Excretion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1057-1064.	2.4	228
21	Disruption of Cholesterol 7 α -Hydroxylase Gene in Mice. <i>Journal of Biological Chemistry</i> , 1996, 271, 18024-18031.	3.4	227
22	Crossing the barrier: net flux of 27-hydroxycholesterol into the human brain. <i>Journal of Lipid Research</i> , 2005, 46, 1047-1052.	4.2	227
23	Cerebrotendinous xanthomatosis: a defect in mitochondrial 26-hydroxylation required for normal biosynthesis of cholic acid.. <i>Journal of Clinical Investigation</i> , 1980, 65, 1418-1430.	8.2	218
24	24S-hydroxycholesterol in cerebrospinal fluid is elevated in early stages of dementia. <i>Journal of Psychiatric Research</i> , 2002, 36, 27-32.	3.1	218
25	Prednisolone excretion in human milk. <i>Journal of Pediatrics</i> , 1985, 106, 1008-1011.	1.8	217
26	Elimination of Cholesterol in Macrophages and Endothelial Cells by the Sterol 27-Hydroxylase Mechanism. <i>Journal of Biological Chemistry</i> , 1997, 272, 26253-26261.	3.4	216
27	Cyp7b, a novel brain cytochrome P450, catalyzes the synthesis of neurosteroids 7 α -hydroxy dehydroepiandrosterone and 7 α -hydroxy pregnenolone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 4925-4930.	7.1	212
28	Hepatic Uptake of Bile Acids in Man. <i>Journal of Clinical Investigation</i> , 1982, 70, 724-731.	8.2	201
29	Sterol absorption and sterol balance in phytosterolemia evaluated by deuterium-labeled sterols: effect of sitostanol treatment.. <i>Journal of Lipid Research</i> , 1995, 36, 1763-1773.	4.2	197
30	Cholic acid mediates negative feedback regulation of bile acid synthesis in mice. <i>Journal of Clinical Investigation</i> , 2002, 110, 1191-1200.	8.2	194
31	Lipoprotein Oxidation and Progression of Carotid Atherosclerosis. <i>Circulation</i> , 1997, 95, 840-845.	1.6	190
32	On the turnover of brain cholesterol in patients with Alzheimer's disease. Abnormal induction of the cholesterol-catabolic enzyme CYP46 in glial cells. <i>Neuroscience Letters</i> , 2001, 314, 45-48.	2.1	188
33	Mechanism of degradation of the steroid side chain in the formation of bile acids.. <i>Journal of Lipid Research</i> , 1992, 33, 455-471.	4.2	181
34	Correlation between serum levels of some cholesterol precursors and activity of HMG-CoA reductase in human liver. <i>Journal of Lipid Research</i> , 1987, 28, 1137-43.	4.2	181
35	Do oxysterols control cholesterol homeostasis?. <i>Journal of Clinical Investigation</i> , 2002, 110, 725-730.	8.2	178
36	Sterol absorption and sterol balance in phytosterolemia evaluated by deuterium-labeled sterols: effect of sitostanol treatment. <i>Journal of Lipid Research</i> , 1995, 36, 1763-73.	4.2	169

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37	Generation of Viable Cholesterol-Free Mice. <i>Science</i> , 2003, 302, 2087-2087.	12.6	164
38	Formation of cholic acid from 3 alpha, 7 alpha, 12 alpha-trihydroxy-5 beta-cholestanoic acid by rat liver peroxisomes.. <i>Journal of Lipid Research</i> , 1983, 24, 1560-1567.	4.2	153
39	Metabolism of 4 β -Hydroxycholesterol in Humans. <i>Journal of Biological Chemistry</i> , 2002, 277, 31534-31540.	3.4	152
40	Mechanism of degradation of the steroid side chain in the formation of bile acids. <i>Journal of Lipid Research</i> , 1992, 33, 455-71.	4.2	149
41	Identification and Characterization of a Mouse Oxysterol 7 α -Hydroxylase cDNA. <i>Journal of Biological Chemistry</i> , 1997, 272, 23995-24001.	3.4	143
42	Plasma levels of 24S-hydroxycholesterol in patients with neurological diseases. <i>Neuroscience Letters</i> , 2000, 293, 87-90.	2.1	141
43	Importance of a Novel Oxidative Mechanism for Elimination of Intracellular Cholesterol in Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 208-212.	2.4	140
44	On the rate of translocation in vitro and kinetics in vivo of the major oxysterols in human circulation. <i>Journal of Lipid Research</i> , 2002, 43, 2130-2135.	4.2	138
45	Plasma 24S-hydroxycholesterol. <i>NeuroReport</i> , 2000, 11, 1959-1962.	1.2	135
46	Formation of cholic acid from 3 alpha, 7 alpha, 12 alpha-trihydroxy-5 beta-cholestanoic acid by rat liver peroxisomes. <i>Journal of Lipid Research</i> , 1983, 24, 1560-7.	4.2	134
47	Oxysterols and Alzheimer's disease. <i>Acta Neurologica Scandinavica</i> , 2006, 114, 43-49.	2.1	132
48	Cholic acid mediates negative feedback regulation of bile acid synthesis in mice. <i>Journal of Clinical Investigation</i> , 2002, 110, 1191-1200.	8.2	132
49	What do commercial ginseng preparations contain?. <i>Lancet, The</i> , 1994, 344, 134.	13.7	131
50	Cloning and expression of cDNA of human Delta4-3-oxosteroid 5beta-reductase and substrate specificity of the expressed enzyme. <i>FEBS Journal</i> , 1994, 219, 357-363.	0.2	129
51	Brain Cholesterol Synthesis in Mice Is Affected by High Dose of Simvastatin but Not of Pravastatin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 1146-1152.	2.5	128
52	Oxysterols present in atherosclerotic tissue decrease the expression of lipoprotein lipase messenger RNA in human monocyte-derived macrophages.. <i>Journal of Clinical Investigation</i> , 1996, 97, 461-468.	8.2	128
53	Plasma 24S-hydroxycholesterol and caudate MRI in pre-manifest and early Huntington's disease. <i>Brain</i> , 2008, 131, 2851-2859.	7.6	127
54	Assay and properties of a mitochondrial 25-hydroxylase active on vitamine D3.. <i>Journal of Biological Chemistry</i> , 1978, 253, 842-849.	3.4	127

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55	Plasma levels of 24S-hydroxycholesterol reflect the balance between cerebral production and hepatic metabolism and are inversely related to body surface. <i>Journal of Lipid Research</i> , 2000, 41, 840-845.	4.2	127
56	The neurotoxic effect of 24-hydroxycholesterol on SH-SY5Y human neuroblastoma cells. <i>Brain Research</i> , 1999, 818, 171-175.	2.2	125
57	Side chain oxidized oxysterols in cerebrospinal fluid and the integrity of blood-brain and blood-cerebrospinal fluid barriers. <i>Journal of Lipid Research</i> , 2003, 44, 793-799.	4.2	123
58	omega-Hydroxylation of Steroid Side-Chain in Biosynthesis of Bile Acids. <i>FEBS Journal</i> , 1973, 36, 201-212.	0.2	121
59	Studies on the Transcriptional Regulation of Cholesterol 24-Hydroxylase (CYP46A1). <i>Journal of Biological Chemistry</i> , 2006, 281, 3810-3820.	3.4	121
60	Regulation of bile acid biosynthesis by hepatocyte nuclear factor 4 α . <i>Journal of Lipid Research</i> , 2006, 47, 215-227.	4.2	121
61	Novel route for elimination of brain oxysterols across the blood-brain barrier: conversion into 7 α -hydroxy-3-oxo-4-cholestenoic acid. <i>Journal of Lipid Research</i> , 2007, 48, 944-951.	4.2	121
62	omega- and (omega-1)-Oxidation of Fatty Acids by Rat Liver Microsomes. <i>FEBS Journal</i> , 1970, 17, 450-459.	0.2	118
63	Removal of cholesterol from extrahepatic sources by oxidative mechanisms. <i>Current Opinion in Lipidology</i> , 1999, 10, 161-166.	2.7	118
64	Individual Bile Acids in Portal Venous and Systemic Blood Serum of Fasting Man. <i>Gastroenterology</i> , 1977, 73, 1377-1382.	1.3	115
65	Broad Substrate Specificity of Human Cytochrome P450 46A1 Which Initiates Cholesterol Degradation in the Brain. <i>Biochemistry</i> , 2003, 42, 14284-14292.	2.5	115
66	Diagnostic use of cerebral and extracerebral oxysterols. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 186-91.	2.3	114
67	Chapter 9 Mechanism of bile acid biosynthesis in mammalian liver. <i>New Comprehensive Biochemistry</i> , 1985, 12, 231-278.	0.1	113
68	Changes in human plasma levels of the brain specific oxysterol 24S-hydroxycholesterol during progression of multiple sclerosis. <i>Neuroscience Letters</i> , 2002, 331, 163-166.	2.1	113
69	Bile acid synthesis in humans: Regulation of hepatic microsomal cholesterol 7 α -hydroxylase activity. <i>Gastroenterology</i> , 1989, 97, 1498-1505.	1.3	110
70	Hepatic 7 α -hydroxylation of cholesterol in ascorbate-deficient and ascorbate-supplemented guinea pigs. <i>Journal of Lipid Research</i> , 1976, 17, 360-365.	4.2	110
71	Antioxidant treatment inhibits the development of intimal thickening after balloon injury of the aorta in hypercholesterolemic rabbits. <i>Journal of Clinical Investigation</i> , 1993, 91, 1282-1288.	8.2	109
72	High doses of simvastatin, pravastatin, and cholesterol reduce brain cholesterol synthesis in guinea pigs. <i>Steroids</i> , 2004, 69, 431-438.	1.8	108

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73	Crystal structures of substrate-bound and substrate-free cytochrome P450 46A1, the principal cholesterol hydroxylase in the brain. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9546-9551.	7.1	108
74	From Brain to Bile. Journal of Biological Chemistry, 2001, 276, 37004-37010.	3.4	107
75	Cholesterol biosynthesis pathway is disturbed in YAC128 mice and is modulated by huntingtin mutation. Human Molecular Genetics, 2007, 16, 2187-2198.	2.9	106
76	The plasma level of 7 α -hydroxycholesterol reflects the activity of hepatic cholesterol 7 α -hydroxylase in man. FEBS Letters, 1991, 284, 216-218.	2.8	105
77	Assay and properties of a mitochondrial 25-hydroxylase active on vitamine D3. Journal of Biological Chemistry, 1978, 253, 842-9.	3.4	104
78	Mechanism of Microbial Transformation of Cholesterol into Coprostanol. FEBS Journal, 1971, 21, 428-432.	0.2	102
79	Serum cholesterol determination by mass fragmentography. Clinica Chimica Acta, 1974, 54, 185-193.	1.1	102
80	Activities of Recombinant Human Cytochrome P450c27 (CYP27) Which Produce Intermediates of Alternative Bile Acid Biosynthetic Pathways. Journal of Biological Chemistry, 1998, 273, 18153-18160.	3.4	102
81	Plasma levels of 24S-hydroxycholesterol reflect the balance between cerebral production and hepatic metabolism and are inversely related to body surface. Journal of Lipid Research, 2000, 41, 840-5.	4.2	102
82	Marked accumulation of 27-hydroxycholesterol in SPG5 patients with hereditary spastic paresis. Journal of Lipid Research, 2010, 51, 819-823.	4.2	100
83	Demonstration of 26-hydroxylation of C27-steroids in human skin fibroblasts, and a deficiency of this activity in cerebrotendinous xanthomatosis.. Journal of Clinical Investigation, 1986, 78, 729-735.	8.2	100
84	Are side-chain oxidized oxysterols regulators also in vivo?. Journal of Lipid Research, 2009, 50, S213-S218.	4.2	99
85	On the possible use of the serum level of 7 alpha-hydroxycholesterol as a marker for increased activity of the cholesterol 7 alpha-hydroxylase in humans. Journal of Lipid Research, 1987, 28, 889-894.	4.2	98
86	Oxysterols and Parkinson's disease: Evidence that levels of 24S-hydroxycholesterol in cerebrospinal fluid correlates with the duration of the disease. Neuroscience Letters, 2013, 555, 102-105.	2.1	95
87	Elimination of cholesterol as cholestenic acid in human lung by sterol 27-hydroxylase: evidence that most of this steroid in the circulation is of pulmonary origin. Journal of Lipid Research, 1999, 40, 1417-1425.	4.2	95
88	Expression, Purification, and Enzymatic Properties of Recombinant Human Cytochrome P450c27 (CYP27). Archives of Biochemistry and Biophysics, 1997, 343, 123-130.	3.0	94
89	Bile acid synthesis in man: assay of hepatic microsomal cholesterol 7 alpha-hydroxylase activity by isotope dilution-mass spectrometry.. Journal of Lipid Research, 1986, 27, 82-88.	4.2	93
90	Biosynthesis of bile acids in man. Hydroxylation of the C27-steroid side chain.. Journal of Clinical Investigation, 1975, 55, 478-486.	8.2	93

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91	Postprandial serum bile acids in healthy man. Evidence for differences in absorptive pattern between individual bile acids.. Gut, 1977, 18, 606-609.	12.1	92
92	Do oxysterols control cholesterol homeostasis?. Journal of Clinical Investigation, 2002, 110, 725-730.	8.2	92
93	Properties of a reconstituted vitamin D3 25-hydroxylase from rat liver mitochondria.. Journal of Biological Chemistry, 1980, 255, 5244-5249.	3.4	91
94	The bile acid synthetic gene 3 β -hydroxy- Δ^5 -C27-steroid oxidoreductase is mutated in progressive intrahepatic cholestasis. Journal of Clinical Investigation, 2000, 106, 1175-1184.	8.2	91
95	Cholesterol-24S-hydroxylase (CYP46A1) Is Specifically Expressed in Neurons of the Neural Retina. Current Eye Research, 2007, 32, 361-366.	1.5	90
96	Regulation of β - and γ -secretase activity by oxysterols: Cerebrosterol stimulates processing of APP via the β -secretase pathway. Biochemical and Biophysical Research Communications, 2007, 359, 46-50.	2.1	90
97	Marked accumulation of 27-hydroxycholesterol in the brains of Alzheimer's patients with the Swedish APP 670/671 mutation. Journal of Lipid Research, 2011, 52, 1004-1010.	4.2	90
98	Mitochondrial ω -Hydroxylation of Cholesterol Side Chain. Journal of Biological Chemistry, 1974, 249, 2528-2535.	3.4	89
99	Hepatic cholesterol metabolism in human obesity. Hepatology, 1997, 25, 1447-1450.	7.3	88
100	Ca ²⁺ channel blockers verapamil and nifedipine inhibit apoptosis induced by 25-hydroxycholesterol in human aortic smooth muscle cells. Journal of Lipid Research, 1997, 38, 2049-2061.	4.2	88
101	Sterol binding by OSBP-related protein 1L regulates late endosome motility and function. Cellular and Molecular Life Sciences, 2011, 68, 537-551.	5.4	87
102	Hereditary spastic paraplegia type 5: natural history, biomarkers and a randomized controlled trial. Brain, 2017, 140, 3112-3127.	7.6	87
103	Regulation of hepatic cholesterol metabolism in humans: stimulatory effects of cholestyramine on HMG-CoA reductase activity and low density lipoprotein receptor expression in gallstone patients.. Journal of Lipid Research, 1990, 31, 2219-2226.	4.2	87
104	On the possible use of the serum level of 7 alpha-hydroxycholesterol as a marker for increased activity of the cholesterol 7 alpha-hydroxylase in humans. Journal of Lipid Research, 1987, 28, 889-94.	4.2	85
105	Cholestenic Acid Is an Important Elimination Product of Cholesterol in the Retina: Comparison of Retinal Cholesterol Metabolism with That in the Brain. , 2011, 52, 594.		84
106	Cholestenic acids regulate motor neuron survival via liver X receptors. Journal of Clinical Investigation, 2014, 124, 4829-4842.	8.2	84
107	Toward absolute methods in clinical chemistry: application of mass fragmentography to high-accuracy analyses.. Clinical Chemistry, 1976, 22, 1789-1801.	3.2	83
108	Are the CSF levels of 24S-hydroxycholesterol a sensitive biomarker for mild cognitive impairment?. Neuroscience Letters, 2006, 397, 83-87.	2.1	83

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109	Localization of sterol 27-hydroxylase immuno-reactivity in human atherosclerotic plaques. <i>Lipids and Lipid Metabolism</i> , 1997, 1344, 278-285.	2.6	82
110	Gas chromatographic-mass spectrometric determination of 20(S)-protopanaxadiol and 20(S)-protopanaxatriol for study on human urinary excretion of ginsenosides after ingestion of ginseng preparations. <i>Biomedical Applications</i> , 1997, 689, 349-355.	1.7	82
111	Plasma levels of 24S-hydroxycholesterol reflect brain volumes in patients without objective cognitive impairment but not in those with Alzheimer's disease. <i>Neuroscience Letters</i> , 2009, 462, 89-93.	2.1	82
112	Feedback regulation of bile acid synthesis in primary human hepatocytes: Evidence that CDCA is the strongest inhibitor. <i>Hepatology</i> , 2003, 38, 930-938.	7.3	81
113	Genetic connections between neurological disorders and cholesterol metabolism. <i>Journal of Lipid Research</i> , 2010, 51, 2489-2503.	4.2	81
114	Oxysterols in human circulation: which role do they have?. <i>Current Opinion in Lipidology</i> , 2002, 13, 247-253.	2.7	80
115	Activity of Regulated Cytoskeleton-Associated Protein in Rodent Brain is Down-Regulated by High Fat Diet <i>in vivo</i> and by 27-Hydroxycholesterol <i>in vitro</i> . <i>Brain Pathology</i> , 2009, 19, 69-80.	4.1	78
116	Effects of a Disrupted Blood-Brain Barrier on Cholesterol Homeostasis in the Brain. <i>Journal of Biological Chemistry</i> , 2014, 289, 23712-23722.	3.4	78
117	Cerebrotendinous xanthomatosis: An inborn error in bile acid synthesis with defined mutations but still a challenge. <i>Biochemical and Biophysical Research Communications</i> , 2010, 396, 46-49.	2.1	77
118	Characterization of enzymes involved in formation of ethyl esters of long-chain fatty acids in humans. <i>Journal of Lipid Research</i> , 2001, 42, 1025-1032.	4.2	77
119	Simple diagnosis of the Zellweger syndrome by gas-liquid chromatography of dimethylacetals.. <i>Journal of Lipid Research</i> , 1988, 27, 786-791.	4.2	77
120	Hepatic 7alpha-hydroxylation of cholesterol in ascorbate-deficient and ascorbate-supplemented guinea pigs. <i>Journal of Lipid Research</i> , 1976, 17, 360-5.	4.2	77
121	7alpha-Hydroxylation of Exogenous and Endogenous Cholesterol in Rat-Liver Microsomes. <i>FEBS Journal</i> , 1975, 53, 63-70.	0.2	76
122	Comparison of two isotope dilution/mass spectrometric methods for determination of total serum cholesterol.. <i>Clinical Chemistry</i> , 1982, 28, 5-8.	3.2	76
123	Mechanism of Accumulation of Cholesterol and Cholestanol in Tendons and the Role of Sterol 27-hydroxylase (CYP27A1). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1129-1135.	2.4	76
124	β -Oxidation of Fatty Acids. <i>Journal of Biological Chemistry</i> , 1971, 246, 7411-7416.	3.4	76
125	Evidence that the major oxysterols in human circulation originate from distinct pools of cholesterol: a stable isotope study. <i>Journal of Lipid Research</i> , 2001, 42, 70-78.	4.2	76
126	Elimination of cholesterol as cholestenic acid in human lung by sterol 27-hydroxylase: evidence that most of this steroid in the circulation is of pulmonary origin. <i>Journal of Lipid Research</i> , 1999, 40, 1417-25.	4.2	76

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127	Regulation of sterol 12 β -hydroxylase and cholic acid biosynthesis in the rat. <i>Gastroenterology</i> , 2000, 118, 599-607.	1.3	75
128	Combined gas chromatographic/mass spectrometric analysis of cholesterol precursors and plant sterols in cultured cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2081-2086.	2.3	75
129	Dietary cholesterol supplementation to a plant-based diet suppresses the complete pathway of cholesterol synthesis and induces bile acid production in Atlantic salmon (<i>Salmo salar</i> L.). <i>British Journal of Nutrition</i> , 2014, 111, 2089-2103.	2.3	75
130	Lack of 3 beta-hydroxy-delta 5-C27-steroid dehydrogenase/isomerase in fibroblasts from a child with urinary excretion of 3 beta-hydroxy-delta 5-bile acids. A new inborn error of metabolism. <i>Journal of Clinical Investigation</i> , 1990, 86, 2034-2037.	8.2	75
131	Properties of a reconstituted vitamin D3 25-hydroxylase from rat liver mitochondria. <i>Journal of Biological Chemistry</i> , 1980, 255, 5244-9.	3.4	75
132	24-, 25- and 27-hydroxylation of cholesterol by a purified preparation of 27-hydroxylase from pig liver. <i>Lipids and Lipid Metabolism</i> , 1993, 1166, 177-182.	2.6	74
133	Effect of sitosterol on the rate-limiting enzymes in cholesterol synthesis and degradation. <i>Lipids</i> , 1989, 24, 9-12.	1.7	71
134	Upregulation of Brain Renin Angiotensin System by 27-Hydroxycholesterol in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 24, 669-679.	2.6	71
135	26-Hydroxylation of C27-steroids by soluble liver mitochondrial cytochrome P-450. <i>Journal of Biological Chemistry</i> , 1979, 254, 6464-6469.	3.4	70
136	Bile acid synthesis in man: assay of hepatic microsomal cholesterol 7 alpha-hydroxylase activity by isotope dilution-mass spectrometry. <i>Journal of Lipid Research</i> , 1986, 27, 82-8.	4.2	70
137	Simultaneous quantification of several cholesterol autoxidation and monohydroxylation products by isotope-dilution mass spectrometry. <i>Steroids</i> , 1990, 55, 185-192.	1.8	69
138	Cholic acid as key regulator of cholesterol synthesis, intestinal absorption and hepatic storage in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005, 1735, 167-175.	2.4	69
139	Levels of ApoE in cerebrospinal fluid are correlated with Tau and 24S-hydroxycholesterol in patients with cognitive disorders. <i>Neuroscience Letters</i> , 2007, 425, 78-82.	2.1	69
140	Cerebrotendinous xanthomatosis. <i>Current Opinion in Lipidology</i> , 2013, 24, 283-287.	2.7	69
141	Can LDL cholesterol be too low? Possible risks of extremely low levels. <i>Journal of Internal Medicine</i> , 2017, 281, 534-553.	6.0	69
142	Ca ²⁺ channel blockers verapamil and nifedipine inhibit apoptosis induced by 25-hydroxycholesterol in human aortic smooth muscle cells. <i>Journal of Lipid Research</i> , 1997, 38, 2049-61.	4.2	69
143	Determination of serum levels of unesterified lathosterol by isotope dilution-mass spectrometry. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1989, 49, 165-171.	1.2	68
144	Simple diagnosis of the Zellweger syndrome by gas-liquid chromatography of dimethylacetals. <i>Journal of Lipid Research</i> , 1986, 27, 786-91.	4.2	68

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145	Assay of 1,25-dihydroxy vitamin D3 by isotope dilution-mass fragmentography.. <i>Clinical Chemistry</i> , 1979, 25, 584-588.	3.2	67
146	Suppression of growth in a leukemic T cell line by n^3 and n^6 polyunsaturated fatty acids. <i>Lipids</i> , 1989, 24, 700-704.	1.7	67
147	Five decades with oxysterols. <i>Biochimie</i> , 2013, 95, 448-454.	2.6	67
148	Defective peroxisomal cleavage of the C27-steroid side chain in the cerebro-hepato-renal syndrome of Zellweger.. <i>Journal of Clinical Investigation</i> , 1985, 75, 427-435.	8.2	67
149	Genes involved in initial steps of bile acid synthesis. <i>Current Opinion in Lipidology</i> , 2001, 12, 97-103.	2.7	66
150	Regulation of hepatic cholesterol metabolism in humans: stimulatory effects of cholestyramine on HMG-CoA reductase activity and low density lipoprotein receptor expression in gallstone patients. <i>Journal of Lipid Research</i> , 1990, 31, 2219-26.	4.2	66
151	On the Role of Alcohol Dehydrogenase in omega-Oxidation of Fatty Acids. <i>FEBS Journal</i> , 1972, 30, 441-451.	0.2	65
152	Hydroxylations in biosynthesis and metabolism of bile acids. <i>Molecular and Cellular Biochemistry</i> , 1974, 4, 79-95.	3.1	65
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