Oxysterols and atherosclerosis

Atherosclerosis

142, 1-28

DOI: 10.1016/s0021-9150(98)00196-8

Citation Report

#	Article	IF	Citations
1	Prebiotics or probiotics for lactose intolerance: a question of adaptation. American Journal of Clinical Nutrition, 1999, 70, 105-106.	2.2	4
2	Reply to H-M Cheng and K Sundram. American Journal of Clinical Nutrition, 1999, 70, 104-105.	2.2	3
3	7-Ketocholesterol. International Journal of Biochemistry and Cell Biology, 1999, 31, 369-375.	1.2	87
4	Macrophage Foam Cell Formation During Early Atherogenesis Is Determined by the Balance Between Pro-Oxidants and Anti-Oxidants in Arterial Cells and Blood Lipoproteins. Antioxidants and Redox Signaling, 1999, 1, 585-594.	2.5	66
5	Src family kinase activation in glycosphingolipid-rich membrane domains of endothelial cells treated with oxidised low density lipoprotein. Atherosclerosis, 1999, 143, 389-397.	0.4	22
6	Leukocytes Utilize Myeloperoxidase-Generated Nitrating Intermediates as Physiological Catalysts for the Generation of Biologically Active Oxidized Lipids and Sterols in Serum. Biochemistry, 1999, 38, 16904-16915.	1.2	86
7	The macrophage in atherosclerosis: modulation of cell function by sterols. Journal of Leukocyte Biology, 1999, 66, 557-561.	1.5	29
8	Metabolism of oxidized LDL by macrophages. Current Opinion in Lipidology, 2000, 11, 473-481.	1.2	61
9	Cholesterol-rich diets have different effects on lipid peroxidation, cholesterol oxides, and antioxidant enzymes in rats and rabbits. Journal of Nutritional Biochemistry, 2000, 11, 293-302.	1.9	116
10	Plasma oxysterols: reliable indicators of heart disease?. Trends in Molecular Medicine, 2000, 6, 259.	2.6	1
11	Impairment with various antioxidants of the loss of mitochondrial transmembrane potential and of the cytosolic release of cytochrome c occuring during 7-ketocholesterol-induced apoptosis. Free Radical Biology and Medicine, 2000, 28, 743-753.	1.3	126
12	Lipid oxidation products in cell signaling. Free Radical Biology and Medicine, 2000, 28, 1370-1378.	1.3	186
13	Phenolic antioxidants:. Free Radical Biology and Medicine, 2000, 28, 1538-1546.	1.3	153
14	Two-photon microscopy of aorta fibers shows proteolysis induced by LDL hydroperoxides. Free Radical Biology and Medicine, 2000, 28, 1589-1597.	1.3	16
15	The oxidative modification hypothesis of atherogenesis: an overview. Free Radical Biology and Medicine, 2000, 28, 1815-1826.	1.3	650
16	Lysosomal destabilization during macrophage damage induced by cholesterol oxidation products. Free Radical Biology and Medicine, 2000, 28, 208-218.	1.3	125
17	Effects of frying and storage on cholesterol oxidation in minced meat products. JAOCS, Journal of the American Oil Chemists' Society, 2000, 77, 675-680.	0.8	38
18	Protein oxidation and turnover. Journal of Biomedical Science, 2000, 7, 357-363.	2.6	21

#	Article	IF	Citations
19	Oxysterols: Modulators of Cholesterol Metabolism and Other Processes. Physiological Reviews, 2000, 80, 361-554.	13.1	859
20	Sterol 27-Hydroxylase Acts on 7-Ketocholesterol in Human Atherosclerotic Lesions and Macrophages in Culture. Journal of Biological Chemistry, 2000, 275, 27627-27633.	1.6	75
21	Regulation of apolipoprotein E production in macrophages (review).. International Journal of Molecular Medicine, 2000, 6, 253-8.	1.8	29
22	A case-controlled MRI/MRA study of neurovascular contact in hemifacial spasm. Neurology, 2000, 55, 155-156.	1.5	8
23	Oxidized Cholesterol in the Diet Accelerates the Development of Atherosclerosis in LDL Receptorâ€“ and Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 708-714.	1.1	81
24	Oxidized Monocyte-Derived Macrophages in Aortic Atherosclerotic Lesion from Apolipoprotein E-Deficient Mice and from Human Carotid Artery Contain Lipid Peroxides and Oxysterols. Biochemical and Biophysical Research Communications, 2000, 269, 775-780.	1.0	79
25	25-Hydroxycholesterol Activates a Cytochrome c Release-Mediated Caspase Cascade. Biochemical and Biophysical Research Communications, 2000, 278, 557-563.	1.0	46
26	Kinetics and plasma concentrations of 26-hydroxycholesterol in baboons. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2000, 1485, 173-184.	1.2	5
27	Oxysterols: 27-hydroxycholesterol and its radiolabeled analog. Steroids, 2000, 65, 401-407.	0.8	6
28	Evaluation of Lipid Ultraviolet Absorption as a Parameter To Measure Lipid Oxidation in Dark Chicken Meat. Journal of Agricultural and Food Chemistry, 2000, 48, 4128-4135.	2.4	24
29	The gastrointestinal tract: A major site of antioxidant action?. Free Radical Research, 2000, 33, 819-830.	1.5	438
30	Long-Term Effects of Vitamin E, Vitamin C, and Combined Supplementation on Urinary 7-Hydro-8-Oxo-2â€²-Deoxyguanosine, Serum Cholesterol Oxidation Products, and Oxidation Resistance of Lipids in Nondepleted Men. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 2087-2093.	1.1	100
31	The relationship of oxidized lipids to coronary artery stenosis. Atherosclerosis, 2000, 149, 181-190.	0.4	32
32	Lipid Hydroperoxide Determination in Dark Chicken Meat through a Ferrous Oxidationâ^'Xylenol Orange Method. Journal of Agricultural and Food Chemistry, 2000, 48, 4136-4143.	2.4	54
33	Coronary atherosclerosis and oxidative stress as reflected by autoantibodies against oxidized low-density lipoprotein and oxysterols. Atherosclerosis, 2001, 155, 445-453.	0.4	52
34	25-hydroxycholesterol induces lipopolysaccharide-tolerance and decreases a lipopolysaccharide-induced TNF-Ì± secretion in macrophages. Atherosclerosis, 2001, 158, 61-71.	0.4	36
35	Interaction of caveolin with 7-ketocholesterol. Atherosclerosis, 2001, 159, 49-55.	0.4	20
36	7-Ketocholesterol forms crystalline domains in model membranes and murine aortic smooth muscle cells. Atherosclerosis, 2001, 159, 125-135.	0.4	44

#	Article	IF	Citations
37	Transcriptional regulation of human oxysterol 7Î±-hydroxylase gene (CYP7B1) by Sp1. Gene, 2001, 272, 191-197.	1.0	26
38	Markers for low-density lipoprotein oxidation. Methods in Enzymology, 2001, 335, 244-256.	0.4	55
39	Tea catechins inhibit cholesterol oxidation accompanying oxidation of low density lipoprotein in vitro. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 128, 153-164.	1.3	92
40	7-Ketocholesterol delivered to mice in chylomicron remnant-like particles is rapidly metabolised, excreted and does not accumulate in aorta. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2001, 1530, 209-218.	1.2	29
41	An oxidized derivative of cholesterol increases the release of soluble vascular cell adhesion molecule-1 from human umbilical vein endothelial cells in culture. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2001, 1531, 178-187.	1.2	6
42	Auto-oxidized cholesterol sulfates are antagonistic ligands of liver X receptors: implications for the development and treatment of atherosclerosis. Steroids, 2001, 66, 473-479.	0.8	88
43	Î±-Tocopherol, but notÎ³-tocopherol inhibits 7Î²-hydroxycholesterol-induced apoptosis in human U937 cells. Free Radical Research, 2001, 35, 329-339.	1.5	27
44	Selective distribution of oxysterols in atherosclerotic lesions and human plasma lipoproteins. Free Radical Research, 2001, 34, 485-497.	1.5	104
45	Novel agents for managing dyslipidaemia. Expert Opinion on Investigational Drugs, 2001, 10, 1901-1911.	1.9	8
46	Oxidative Stability of Dark Chicken Meat Through Frozen Storage: Influence of Dietary Fat and Î±-Tocopherol and Ascorbic Acid Supplementation. Poultry Science, 2001, 80, 1630-1642.	1.5	93
47	Oxidation Process Affecting Fatty Acids and Cholesterol in Fried and Roasted Salmon. Journal of Agricultural and Food Chemistry, 2001, 49, 5662-5667.	2.4	98
48	Effects of CYP7A1 overexpression on cholesterol and bile acid homeostasis. American Journal of Physiology - Renal Physiology, 2001, 281, G878-G889.	1.6	77
49	Effect of 7Î²-hydroxycholesterol on Cellular Redox Status and Heat Shock Protein 70 Expression in Macrophages. Cellular Physiology and Biochemistry, 2001, 11, 241-246.	1.1	11
50	Oxysterol profiles of normal human arteries, fatty streaks and advanced lesions. Free Radical Research, 2001, 35, 31-41.	1.5	116
51	Enhancement of macrophage survival and DNA synthesis by oxidized-low-density-lipoprotein (LDL)-derived lipids and by aggregates of lightly oxidized LDL. Biochemical Journal, 2001, 355, 207.	1.7	8
52	Enhancement of macrophage survival and DNA synthesis by oxidized-low-density-lipoprotein (LDL)-derived lipids and by aggregates of lightly oxidized LDL. Biochemical Journal, 2001, 355, 207-214.	1.7	11
53	Metabolism of an oxysterol, 7-ketocholesterol, by sterol 27-hydroxylase in hepG2 cells. Lipids, 2001, 36, 701-711.	0.7	53
54	Identification and quantification of cholesterol oxidation products in canned tuna. JAOCS, Journal of the American Oil Chemists' Society, 2001, 78, 1037-1040.	0.8	23

#	Article	IF	Citations
55	Effects of oxygenated sterol on phospholipid bilayer properties: a molecular dynamics simulation. Chemistry and Physics of Lipids, 2001, 112, 31-39.	1.5	39
56	Plasma non-cholesterol sterols. Journal of Chromatography A, 2001, 935, 203-236.	1.8	68
57	Cholesterol oxidation products and fibrogenesis. BioFactors, 2001, 15, 117-119.	2.6	1
58	Intracellular cholesterol and phospholipid trafficking: comparable mechanisms in macrophages and neuronal cells. , 2001, 26, 1045-1068.		23
59	Ceramide generation occurring during 7Î²-hydroxycholesterol- and 7-ketocholesterol-induced apoptosis is caspase independent and is not required to trigger cell death. Cell Death and Differentiation, 2001, 8, 83-99.	5.0	64
60	Limitations of the single-cell gel electrophoresis assay to monitor apoptosis in U937 and HepG2 cells exposed to 7Î²-hydroxycholesterol11Abbreviations: TUNEL, terminal deoxynucleotidyl transferase (TdT)-mediated dUTP nick end-labelling of fragmented nuclear DNA in situ; 7Î²OHC, 7Î²-hydroxycholesterol; EtBr, Ethidium bromide.. Biochemical Pharmacology, 2001, 61, 1217-1226.	2.0	15
61	Oxidized LDL-Induced Injury and Apoptosis in Atherosclerosis Potential Roles for Oxysterols. Trends in Cardiovascular Medicine, 2001, 11, 131-138.	2.3	167
62	Upâ€regulation of the fibrogenic cytokine TGFâ€Î²1 by oxysterols: a mechanistic link between cholesterol and atherosclerosis. FASEB Journal, 2001, 15, 1619-1621.	0.2	65
63	Apoptotic Death of Inflammatory Cells in Human Atheroma. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1124-1130.	1.1	107
64	Molecular and Biochemical Characterization of a Novel Oxysterol-binding Protein (OSBP2) Highly Expressed in Retina. Journal of Biological Chemistry, 2001, 276, 18570-18578.	1.6	62
65	Dietary Cosupplementation With Vitamin E and Coenzyme Q₁₀Inhibits Atherosclerosis in Apolipoprotein E Gene Knockout Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 585-593.	1.1	134
66	Effect of Acetaminophen on Atherosclerosis. Annals of Pharmacotherapy, 2001, 35, 1476-1479.	0.9	4
67	Constitutive and Inducible Expression of Cyp1a1 and Cyp1b1 in Vascular Smooth Muscle Cells. Circulation Research, 2001, 89, 573-582.	2.0	98
68	Bioavailability of Vitamin E as Function of Food Intake in Healthy Subjects. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, E34-7.	1.1	51
69	EVOLUTION OF CHOLESTEROL CONCEPT OF ATHEROGENESIS FROM ANITCHKOV TO OUR DAYS. Fetal and Pediatric Pathology, 2002, 21, 307-320.	0.3	2
70	Antioxidants and atherosclerosis. European Heart Journal Supplements, 2002, 4, B17-B21.	0.0	13
71	Chapter 22 Lipids and atherosclerosis. New Comprehensive Biochemistry, 2002, , 573-597.	0.1	6
72	Progression of Atheroma. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1370-1380.	1.1	270

#	Article	IF	Citations
73	Regulation of ALK-1 Signaling by the Nuclear Receptor LXRÎ². Journal of Biological Chemistry, 2002, 277, 50788-50794.	1.6	25
74	Effects of dietary oxysterols on coronary arteries in hyperlipidaemic hamsters. British Journal of Nutrition, 2002, 87, 447-458.	1.2	17
75	Oxysterol Activators of Liver X Receptor and 9-cis-Retinoic Acid Promote Sequential Steps in the Synthesis and Secretion of Tumor Necrosis Factor-Î± from Human Monocytes. Journal of Biological Chemistry, 2002, 277, 4713-4721.	1.6	70
76	Oxysterols in human circulation: which role do they have?. Current Opinion in Lipidology, 2002, 13, 247-253.	1.2	80
77	Oxidized fat in the diet, postprandial lipaemia and cardiovascular disease. Current Opinion in Lipidology, 2002, 13, 19-24.	1.2	99
78	Dietary cholesterol-oxidation products accumulate in serum and liver in apolipoprotein E-deficient mice, but do not accelerate atherosclerosis. British Journal of Nutrition, 2002, 88, 339-345.	1.2	33
79	Good COP, bad COP: an unsolved murder. Are dietary cholesterol oxidation products guilty of atherogenicity?. British Journal of Nutrition, 2002, 88, 335-338.	1.2	23
80	Disease Stage-Dependent Accumulation of Lipid and Protein Oxidation Products in Human Atherosclerosis. American Journal of Pathology, 2002, 160, 701-710.	1.9	128
81	Dissociation of Apoptosis Induction and CD36 Upregulation by Enzymatically Modified Low-Density Lipoprotein in Monocytic Cells. Biochemical and Biophysical Research Communications, 2002, 290, 988-993.	1.0	21
82	Oxysterol-induced activation of macrophage NADPH-oxidase enhances cell-mediated oxidation of LDL in the atherosclerotic apolipoprotein E deficient mouse: inhibitory role for vitamin E. Atherosclerosis, 2002, 160, 69-80.	0.4	89
83	Prevention of LDL Î±-tocopherol consumption, cholesterol oxidation, and vascular endothelium dysfunction by polyphenolic compounds from red wine. Atherosclerosis, 2002, 165, 41-50.	0.4	29
84	EVOLUTION OF CHOLESTEROL CONCEPT OF ATHEROGENESIS FROM ANITCHKOV TO OUR DAYS. Fetal and Pediatric Pathology, 2002, 21, 307-320.	0.3	1
85	Lymphatic Transport of Dietary Cholesterol Oxidation Products, Cholesterol and Triacylglycerols in Rats. Bioscience, Biotechnology and Biochemistry, 2002, 66, 828-834.	0.6	11
86	Anti-Î² 2 -Glycoprotein I Autoantibodies and Atherosclerosis. International Reviews of Immunology, 2002, 21, 51-66.	1.5	15
87	Protection of superoxide-induced cholesterol oxidation by antioxidants in protic conditions. International Journal of Food Sciences and Nutrition, 2002, 53, 403-409.	1.3	6
88	Bile Acid Regulation of Gene Expression: Roles of Nuclear Hormone Receptors. Endocrine Reviews, 2002, 23, 443-463.	8.9	409
89	Regulation of PUFA metabolism: pharmacological and toxicological aspects. Prostaglandins Leukotrienes and Essential Fatty Acids, 2002, 67, 85-89.	1.0	17
90	Autoantibody-mediated atherosclerosis. Autoimmunity Reviews, 2002, 1, 348-353.	2.5	46

#	Article	IF	Citations
91	Paradoxical enhancement of hepatic metabolism of 7-ketocholesterol in sterol 27-hydroxylase-deficient mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1581, 119-126.	1.2	14
92	Oxidized low-density lipoprotein-induced apoptosis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1585, 213-221.	1.2	282
93	High Dietary Iron Concentrations Enhance the Formation of Cholesterol Oxidation Products in the Liver of Adult Rats Fed Salmon Oil with Minimal Effects on Antioxidant Status. Journal of Nutrition, 2002, 132, 2263-2269.	1.3	44
94	7-Ketocholesterol in human and adapted milk formulas. Clinical Nutrition, 2002, 21, 379-384.	2.3	31
95	Analysis of oxidative processes and of myelin figures formation before and after the loss of mitochondrial transmembrane potential during 7Î²-hydroxycholesterol and 7-ketocholesterol-induced apoptosis: comparison with various pro-apoptotic chemicals. Biochemical Pharmacology, 2002, 64, 527-541.	2.0	110
96	Oxidized lipoproteins and macrophages. Vascular Pharmacology, 2002, 38, 239-248.	1.0	32
97	Effect of oxysterols on hematopoietic progenitor cells. Experimental Hematology, 2002, 30, 670-678.	0.2	12
98	ATP-binding cassette (ABC) transporters in atherosclerosis. Current Atherosclerosis Reports, 2002, 4, 243-251.	2.0	20
99	Determination of thermo-oxidation products of plant sterols. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 777, 83-92.	1.2	119
100	Intimal plaque development and oxidative stress in cholesterol-induced atherosclerosis in New Zealand rabbits. Acta Physiologica Scandinavica, 2002, 176, 101-107.	2.3	6
101	Oxysterols induce interleukin-1Î² production in human macrophages. European Journal of Clinical Investigation, 2002, 32, 35-42.	1.7	72
102	Differential Inhibitory Effect of alpha-, beta-, gamma-, and delta-Tocopherols on the Metal-Induced Oxidation of Cholesterol in Unilamellar Phospholipid-Cholesterol Liposomes. Journal of Food Science, 2002, 67, 2051-2055.	1.5	10
103	The impairment of endothelium-dependent arterial relaxation by7-ketocholesterol is associated with an early activation of protein kinase C. British Journal of Pharmacology, 2002, 137, 655-662.	2.7	19
104	Oxidized products of cholesterol: dietary and metabolic origin, and proatherosclerotic effects (review). Journal of Nutritional Biochemistry, 2002, 13, 700-710.	1.9	161
105	Regulation of oxysterol 7Î±-hydroxylase (CYP7B1) in primary cultures of rat hepatocytes. Hepatology, 2002, 35, 1400-1408.	3.6	28
106	Oxysterol-induced toxicity in R28 and ARPE-19 cells. Neurochemical Research, 2003, 28, 883-891.	1.6	42
107	Anti-inflammatory properties of lipid oxidation products. Journal of Molecular Medicine, 2003, 81, 613-626.	1.7	73
108	Serum ferritin concentration is associated with plasma levels of cholesterol oxidation products in man. Free Radical Biology and Medicine, 2003, 35, 922-928.	1.3	46

#	Article	IF	Citations
109	Cholesterol crystallization and macrophage apoptosis: implication for atherosclerotic plaque instability and rupture. Biochemical Pharmacology, 2003, 66, 1485-1492.	2.0	56
110	The effect of calcium dobesilate on vascular endothelial function, blood pressure, and markers of oxidation in obese male smokers: a placebo-controlled randomised clinical trial. Atherosclerosis, 2003, 170, 59-72.	0.4	21
111	Hypoxia increases 25-hydroxycholesterol-induced interleukin-8 protein secretion in human macrophages. Atherosclerosis, 2003, 170, 245-252.	0.4	75
112	Influence of thiol balance on micellar cholesterol handling by polarized Caco-2 intestinal cells. FEBS Letters, 2003, 551, 165-170.	1.3	7
113	Impairment of the cytotoxic and oxidative activities of 7Î²-hydroxycholesterol and 7-ketocholesterol by esterification with oleate. Biochemical and Biophysical Research Communications, 2003, 303, 814-824.	1.0	81
114	Membrane incorporation of 22-hydroxycholesterol inhibits chemokine receptor activity. Experimental Cell Research, 2003, 285, 268-277.	1.2	11
115	Chromatographic behavior of oxygenated derivatives of cholesterol. Steroids, 2003, 68, 221-233.	0.8	34
116	Regulation of oxysterol 7Î±-hydroxylase (CYP7B1) in the rat. Metabolism: Clinical and Experimental, 2003, 52, 636-642.	1.5	30
117	Atherogenic autoantigen: oxidized LDL complexes with ?2-glycoprotein I. Immunobiology, 2003, 207, 17-22.	0.8	28
118	ORP3 Splice Variants and Their Expression in Human Tissues and Hematopoietic Cells. DNA and Cell Biology, 2003, 22, 1-9.	0.9	25
119	Cholesterol Is Superior to 7-Ketocholesterol or 7Î±-Hydroxycholesterol as an Allosteric Activator for Acyl-coenzyme A:Cholesterol Acyltransferase 1. Journal of Biological Chemistry, 2003, 278, 11642-11647.	1.6	61
120	Oxidized cholesterol in the diet is a source of oxidized lipoproteins in human serum. Journal of Lipid Research, 2003, 44, 705-715.	2.0	71
121	Liver X Receptor Agonists as Potential Therapeutic Agents for Dyslipidemia and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1169-1177.	1.1	119
122	The Two Variants of Oxysterol Binding Protein-related Protein-1 Display Different Tissue Expression Patterns, Have Different Intracellular Localization, and Are Functionally Distinct. Molecular Biology of the Cell, 2003, 14, 903-915.	0.9	100
123	Lysophosphatidylcholine Regulates Synthesis of Biglycan and the Proteoglycan Form of Macrophage Colony Stimulating Factor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 809-815.	1.1	33
124	Oxidized fats in foods. Current Opinion in Clinical Nutrition and Metabolic Care, 2003, 6, 157-163.	1.3	102
125	Oxysterol and 9-cis-retinoic acid stimulate the group IIA secretory phospholipase A2 gene in rat smooth-muscle cells. Biochemical Journal, 2003, 376, 351-360.	1.7	33
126	Function, Expression, and Regulation of Human ABC Transporters. , 0, , 39-78.		0

#	Article	IF	Citations
128	Phytosterol Oxidation Products Are Absorbed in the Intestinal Lymphatics in Rats but Do Not Accelerate Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. Journal of Nutrition, 2004, 134, 1690-1696.	1.3	79
129	Phytosterol oxidation products: state of the art. Reproduction, Nutrition, Development, 2004, 44, 597-598.	1.9	9
130	Rapid analysis of oxysterols by HPLC and UV spectroscopy. BioTechniques, 2004, 36, 952-958.	0.8	15
131	Analysis of Sterol Oxidation Products in Foods. Journal of AOAC INTERNATIONAL, 2004, 87, 441-466.	0.7	50
132	Artifactual Oxidation of Cholesterol During the Analysis of Cholesterol Oxidation Products: Protective Effect of Antioxidants. Journal of AOAC INTERNATIONAL, 2004, 87, 493-498.	0.7	26
133	Incorporation of oxyphytosterols in tissues of hamster. Reproduction, Nutrition, Development, 2004, 44, 599-608.	1.9	21
134	RPE Cells Internalize Low-Density Lipoprotein (LDL) and Oxidized LDL (oxLDL) in Large Quantities In Vitro and In Vivo. , 2004, 45, 2822.		90
135	Cytotoxicity of Oxidized Low-Density Lipoprotein in Cultured RPE Cells Is Dependent on the Formation of 7-Ketocholesterol. , 2004, 45, 2830.		57
136	Oxidized LDL-Induced Apoptosis. , 2002, 36, 123-150.		6
137	Rapid Hepatic Metabolism of 7-Ketocholesterol by 11Î²-Hydroxysteroid Dehydrogenase Type 1. Journal of Biological Chemistry, 2004, 279, 18415-18424.	1.6	116
138	NAD(P)H Oxidase Nox-4 Mediates 7-Ketocholesterol-Induced Endoplasmic Reticulum Stress and Apoptosis in Human Aortic Smooth Muscle Cells. Molecular and Cellular Biology, 2004, 24, 10703-10717.	1.1	388
139	Apolipoprotein Aâ€1 interaction with plasma membrane lipid rafts controls cholesterol export from macrophages. FASEB Journal, 2004, 18, 574-576.	0.2	95
140	Are Oxidized LDL/Î²2-glycoprotein I Complexes Pathogenic Antigens in Autoimmune-mediated Atherosclerosis?. Clinical and Developmental Immunology, 2004, 11, 103-111.	3.3	48
141	Appropriate Function of 11Î²-Hydroxysteroid Dehydrogenase Type 1 in the Endoplasmic Reticulum Lumen Is Dependent on Its N-terminal Region Sharing Similar Topological Determinants with 50-kDa Esterase. Journal of Biological Chemistry, 2004, 279, 31131-31138.	1.6	46
142	Oxysterol mixtures prevent proapoptotic effects of 7â€•ketocholesterol in macrophages: implications for proatherogenic gene modulation. FASEB Journal, 2004, 18, 693-695.	0.2	95
143	Nutritional Aspects of Cheese. Cheese: Chemistry, Physics and Microbiology, 2004, 1, 573-581.	0.2	16
144	7-Ketocholesterol enhances the expression of adhesion molecules on human aortic endothelial cells by increasing the production of reactive oxygen species. Redox Report, 2004, 9, 370-375.	1.4	26
145	7-Ketocholesterol induces reversible cytochrome c release in smooth muscle cells in absence of mitochondrial swelling. Cardiovascular Research, 2004, 64, 144-153.	1.8	31

#	Article	IF	Citations
146	Ozonated Autohemotherapy in Patients on Maintenance Hemodialysis: Influence on Lipid Profile and Endothelium. Artificial Organs, 2004, 28, 234-237.	1.0	21
147	A functional Câ€“G polymorphism in the CYP7B1 promoter region and its different distribution in Orientals and Caucasians. Pharmacogenomics Journal, 2004, 4, 245-250.	0.9	18
149	Enzymatically modified low-density lipoprotein upregulates CD36 in low-differentiated monocytic cells in a peroxisome proliferator-activated receptor-Î³-dependent way. Biochemical Pharmacology, 2004, 67, 841-854.	2.0	14
150	Supplementation of vitamins C and E increases the vitamin E status but does not prevent the formation of oxysterols in the liver of guinea pigs fed an oxidised fat. European Journal of Nutrition, 2004, 43, 353-359.	1.8	20
151	Gas chromatographic properties of common cholesterol and phytosterol oxidation products. Journal of Chromatography A, 2004, 1055, 169-176.	1.8	32
152	Cholesterol oxidation in pasta produced with eggs of different origin. European Food Research and Technology, 2004, 218, 410-414.	1.6	10
153	Dietary oxidized cholesterol decreases expression of hepatic microsomal triglyceride transfer protein in rats. Journal of Nutritional Biochemistry, 2004, 15, 103-111.	1.9	6
154	Oxysterols and oxysterol binding proteins: role in lipid metabolism and atherosclerosis. Annals of Medicine, 2004, 36, 562-572.	1.5	83
155	Oxysterol binding proteins: in more than one place at one time?. Biochemistry and Cell Biology, 2004, 82, 87-98.	0.9	105
156	Dual Role of Oxidized LDL on the NF-KappaB Signaling Pathway. Free Radical Research, 2004, 38, 541-551.	1.5	134
157	Synthesis of long-chain polyunsaturated fatty acids is inhibited in vivo in hypercholesterolemic rabbits and in vitro by oxysterols. Prostaglandins Leukotrienes and Essential Fatty Acids, 2004, 71, 79-86.	1.0	10
158	27-Hydroxycholesterol inhibits neutral sphingomyelinase in cultured human endothelial cells. Life Sciences, 2004, 75, 1567-1577.	2.0	9
159	Cholestane-3Î², 5Î±, 6Î²-triol promotes vascular smooth muscle cells calcification. Life Sciences, 2004, 76, 533-543.	2.0	23
160	Trojan horse-like behavior of a biologically representative mixture of oxysterols. Molecular Aspects of Medicine, 2004, 25, 155-167.	2.7	35
161	Mechanisms of resistance to the cytotoxic effects of oxysterols in human leukemic cells. Journal of Steroid Biochemistry and Molecular Biology, 2004, 88, 311-320.	1.2	18
162	The ironâ€“heart disease connection: is it dead or just hiding?. Ageing Research Reviews, 2004, 3, 355-367.	5.0	44
163	Inhibitory action of conventional food-grade natural antioxidants and of natural antioxidants of new development on the thermal-induced oxidation of cholesterol. International Journal of Food Sciences and Nutrition, 2004, 55, 155-162.	1.3	24
164	Role of Oxidative Modifications in Atherosclerosis. Physiological Reviews, 2004, 84, 1381-1478.	13.1	2,186

#	Article	IF	Citations
165	Oxysterol binding protein and its homologues: new regulatory factors involved in lipid metabolism. Current Opinion in Lipidology, 2004, 15, 321-327.	1.2	42
166	Lysophosphatidylcholine and 7-oxocholesterol modulate Ca2+ signals and inhibit the phosphorylation of endothelial NO synthase and cytosolic phospholipase A2. Biochemical Journal, 2004, 380, 533-539.	1.7	37
167	LXR (liver X receptor) and HNF-4 (hepatocyte nuclear factor-4): key regulators in reverse cholesterol transport. Biochemical Society Transactions, 2004, 32, 92-96.	1.6	54
168	Lipid oxidation in atherogenesis: an overview. Biochemical Society Transactions, 2004, 32, 134-138.	1.6	69
169	REVIEWS: Conjugated Linoleic Acid: Historical Context and Implications1. The Professional Animal Scientist, 2004, 20, 118-126.	0.7	10
170	REVIEWS: Conjugated Linoleic Acid: Historical Context and Implications1. The Professional Animal Scientist, 2004, 20, 127-135.	0.7	7
171	Concentrations of cholesterol oxidation products in raw, heat-processed and frozen-stored meat of broiler chickens fed diets differing in the type of fat and vitamin E concentrations. British Journal of Nutrition, 2005, 93, 633-643.	1.2	36
172	Direct electrochemical acetoxylation of cholesterol at the allylic position. Journal of Electroanalytical Chemistry, 2005, 585, 275-280.	1.9	31
173	Expression and synthesis of TGFÎ²1 is induced in macrophages by 9â€oxononanoyl cholesterol, a major cholesteryl ester oxidation product. BioFactors, 2005, 24, 209-216.	2.6	19
174	Lipid metabolism and TNF-alpha secretion in response to dietary sterols in human monocyte derived macrophages. European Journal of Clinical Investigation, 2005, 35, 482-490.	1.7	23
175	7-Ketocholesterol-induced apoptosis. FEBS Journal, 2005, 272, 3093-3104.	2.2	87
176	Plant Stanol and Sterol Esters in the Control of Blood Cholesterol Levels: Mechanism and Safety Aspects. American Journal of Cardiology, 2005, 96, 15-22.	0.7	238
177	Relevance and mechanism of oxysterol stereospecifity in coronary artery disease. Free Radical Biology and Medicine, 2005, 38, 535-544.	1.3	57
178	Foam cell death induced by 7Î²-hydroxycholesterol is mediated by labile iron-driven oxidative injury: Mechanisms underlying induction of ferritin in human atheroma. Free Radical Biology and Medicine, 2005, 39, 864-875.	1.3	38
179	Oxysterol-induced up-regulation of MCP-1 expression and synthesis in macrophage cells. Free Radical Biology and Medicine, 2005, 39, 1152-1161.	1.3	76
180	Activation of caspase-3-dependent and -independent pathways during 7-ketocholesterol- and 7Î²-hydroxycholesterol-induced cell death: A morphological and biochemical study. Journal of Biochemical and Molecular Toxicology, 2005, 19, 311-326.	1.4	56
181	Cholestane-3Î²,5Î±,6Î²-triol inhibits osteoblastic differentiation and promotes apoptosis of rat bone marrow stromal cells. Journal of Cellular Biochemistry, 2005, 96, 198-208.	1.2	33
182	7-Ketocholesterol favors lipid accumulation and colocalizes with Nile Red positive cytoplasmic structures formed during 7-ketocholesterol-induced apoptosis: Analysis by flow cytometry, FRET biphoton spectral imaging microscopy, and subcellular fractionati. , 2005, 64A, 87-100.		44

#	Article	IF	Citations
183	Intensity of lipid oxidation and formation of cholesterol oxidation products during frozen storage of raw and cooked chicken. Journal of the Science of Food and Agriculture, 2005, 85, 141-146.	1.7	49
184	4-Hydroxynonenal and cholesterol oxidation products in atherosclerosis. Molecular Nutrition and Food Research, 2005, 49, 1044-1049.	1.5	132
185	Over-expression of hepatic neutral cytosolic cholesteryl ester hydrolase in mice increases free cholesterol and reduces expression of HMG-CoAR, CYP27, and CYP7A1. Lipids, 2005, 40, 31-38.	0.7	7
186	Capabilities of different cooking oils in prevention of cholesterol oxidation during heating. JAOCS, Journal of the American Oil Chemists' Society, 2005, 82, 243-248.	0.8	14
187	Comparison of the cytotoxic, pro-oxidant and pro-inflammatory characteristics of different oxysterols. Cell Biology and Toxicology, 2005, 21, 97-114.	2.4	176
188	Estabilidade oxidativa do colesterol em ovo integral em pÃ³. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2005, 41, 483-490.	0.5	1
189	Direct Interaction of Dietary Lipids Carried in Chylomicron Remnants with Cells of the Artery Wall: Implications for Atherosclerosis Development. Current Pharmaceutical Design, 2005, 11, 3681-3695.	0.9	46
190	Differential Effects of Mixtures of Cholesterol Oxidation Products on Bovine Aortic Endothelial Cells and Human Monocytic U937 Cells. International Journal of Toxicology, 2005, 24, 173-179.	0.6	18
191	Qualitative and quantitative comparison of the cytotoxic and apoptotic potential of phytosterol oxidation products with their corresponding cholesterol oxidation products. British Journal of Nutrition, 2005, 94, 443-451.	1.2	111
192	Processes Involved in the Site-Specific Effect of Probucol on Atherosclerosis in Apolipoprotein E Gene Knockout Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1684-1690.	1.1	32
193	Circulating Levels of Oxidative Stress Markers and Endothelial Adhesion Molecules in Men with Abdominal Obesity. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6454-6459.	1.8	172
194	Adipocytic Differentiation and Liver X Receptor Pathways Regulate the Accumulation of Triacylglycerols in Human Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2005, 280, 3911-3919.	1.6	70
195	Oxysterols Are Increased in Plasma of End-Stage Renal Disease Patients. Kidney and Blood Pressure Research, 2005, 28, 302-306.	0.9	10
196	Induction of NR4A Orphan Nuclear Receptor Expression in Macrophages in Response to Inflammatory Stimuli. Journal of Biological Chemistry, 2005, 280, 29256-29262.	1.6	241
197	Acyl-coenzyme A:cholesterol acyltransferase promotes oxidized LDL/oxysterol-induced apoptosis in macrophages. Journal of Lipid Research, 2005, 46, 1933-1943.	2.0	35
198	Novel Routes for Metabolism of 7-Ketocholesterol. Rejuvenation Research, 2005, 8, 9-12.	0.9	33
199	Tocotrienols reduce 25-hydroxycholesterol-induced monocyteâ€“endothelial cell interaction by inhibiting the surface expression of adhesion molecules. Atherosclerosis, 2005, 180, 19-25.	0.4	89
200	Oxysterols increase in diabetic rats. Free Radical Research, 2005, 39, 299-304.	1.5	31

#	Article	IF	Citations
201	The Pathogenesis of Atherosclerosis. Handbook of Experimental Pharmacology, 2005, , 3-70.	0.9	46
202	Oxidised cholesterol in milk and dairy products. International Dairy Journal, 2005, 15, 191-206.	1.5	42
203	Lipid peroxidation: Mechanisms, inhibition, and biological effects. Biochemical and Biophysical Research Communications, 2005, 338, 668-676.	1.0	676
204	A major ozonation product of cholesterol, 3Î²-hydroxy-5-oxo-5,6-secocholestan-6-al, induces apoptosis in H9c2 cardiomyoblasts. FEBS Letters, 2005, 579, 6444-6450.	1.3	41
205	Identification and quantitative analysis of Î²-sitosterol oxides in vegetable oils by capillary gas chromatographyâ€“mass spectrometry. Steroids, 2005, 70, 896-906.	0.8	52
206	Mechanisms of selenium inhibition of cell apoptosis induced by oxysterols in rat vascular smooth muscle cells. Archives of Biochemistry and Biophysics, 2005, 441, 16-24.	1.4	64
207	Design, Synthesis, and Evaluation of Pharmacological Properties of Cinnamic Derivatives as Antiatherogenic Agents. Journal of Medicinal Chemistry, 2005, 48, 8115-8124.	2.9	37
208	Synthesis, isolation and characterisation of Î²-sitosterol and Î²-sitosterol oxide derivatives. Organic and Biomolecular Chemistry, 2005, 3, 3059.	1.5	50
209	Oxidation of Cholesterol by Amyloid Precursor Protein and Î²-Amyloid Peptide. Journal of Biological Chemistry, 2005, 280, 7377-7387.	1.6	170
211	Clinical oxidation parameters of aging. Free Radical Research, 2006, 40, 1339-1349.	1.5	115
212	Thematic review series: Systems Biology Approaches to Metabolic and Cardiovascular Disorders. Lipidomics: a global approach to lipid analysis in biological systems. Journal of Lipid Research, 2006, 47, 2101-2111.	2.0	395
213	Proatherogenic Effects of the Cholesterol Ozonolysis Products, Atheronal-A and Atheronal-Bâ€. Biochemistry, 2006, 45, 7162-7170.	1.2	40
214	Cholesterol Sensing, Trafficking, and Esterification. Annual Review of Cell and Developmental Biology, 2006, 22, 129-157.	4.0	517
215	Analysis of oxysterols by electrospray tandem mass spectrometry. Journal of the American Society for Mass Spectrometry, 2006, 17, 341-362.	1.2	100
216	Accelerated Atheroma in the Antiphospholipid Syndrome. Rheumatic Disease Clinics of North America, 2006, 32, 537-551.	0.8	11
217	Skeletal muscle and liver oxysterols during fasting and alcohol exposure. Metabolism: Clinical and Experimental, 2006, 55, 119-127.	1.5	12
218	Expression and localization of sterol 27-hydroxylase (CYP27A1) in monkey retina. Experimental Eye Research, 2006, 83, 465-469.	1.2	53
219	Adaptive response induced by lipid peroxidation products in cell cultures. FEBS Letters, 2006, 580, 479-483.	1.3	72

#	Article	IF	Citations
220	Enhanced lipid peroxidation in tourniquet-release mice. Clinica Chimica Acta, 2006, 371, 79-84.	0.5	6
221	Protective effect of ebselen on cytotoxicity induced by cholestane-3 beta, 5 alpha, 6 beta-triol in ECV-304 cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 350-359.	1.2	18
222	Why is 11Î²-hydroxysteroid dehydrogenase type 1 facing the endoplasmic reticulum lumen?. Molecular and Cellular Endocrinology, 2006, 248, 15-23.	1.6	68
223	Increased endoplasmic reticulum stress in atherosclerotic plaques associated with acute coronary syndromes. Journal of Molecular and Cellular Cardiology, 2006, 41, 1044-1044.	0.9	0
224	High circulating levels of 7Î²- and 7Î±-hydroxycholesterol and presence of apoptotic and oxidative markers in arterial lesions of normocholesterolemic atherosclerotic patients undergoing endarterectomy. Pathologie Et Biologie, 2006, 54, 22-32.	2.2	26
225	Oxidative modification of low-density lipoprotein and immune regulation of atherosclerosis. Progress in Lipid Research, 2006, 45, 466-486.	5.3	143
226	Lipids Deposited in Human Atheromatous Lesions Induce Apoptosis of Human Vascular Smooth Muscle Cells. Journal of Atherosclerosis and Thrombosis, 2006, 13, 256-262.	0.9	24
227	Tracking the dietary cholesterol molecule. Future Lipidology, 2006, 1, 357-368.	0.5	4
228	SYNERGISTIC EFFECT OF PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR-Î³ AND LIVER X RECEPTOR-Î± IN THE REGULATION OF INFLAMMATION IN MACROPHAGES. Shock, 2006, 26, 146-153.	1.0	32
229	Oxysterols suppress inducible nitric oxide synthase expression in lipopolysaccharide-stimulated astrocytes through liver X receptor. NeuroReport, 2006, 17, 183-187.	0.6	10
230	Analysis of sterols by high-performance liquid chromatography/mass spectrometry combined with chemometrics. Rapid Communications in Mass Spectrometry, 2006, 20, 2433-2440.	0.7	35
231	The activity and absorption relationship of cholesterol and phytosterols. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 282-283, 435-456.	2.3	98
232	Bioâ€markers of lipid peroxidation in vivo: Hydroxyoctadecadienoic acid and hydroxycholesterol. BioFactors, 2006, 27, 195-202.	2.6	69
233	Concentrations of iron correlate with the extent of protein, but not lipid, oxidation in advanced human atherosclerotic lesions. Free Radical Biology and Medicine, 2006, 40, 1636-1643.	1.3	42
234	Protection of membrane cholesterol by sphingomyelin against free radical-mediated oxidation. Free Radical Biology and Medicine, 2006, 40, 2092-2102.	1.3	45
235	Oxysterol mixtures, in atheroma-relevant proportions, display synergistic and proapoptotic effects. Free Radical Biology and Medicine, 2006, 41, 902-910.	1.3	73
236	Oxysterol mixtures, a promising approach to investigate the biological effects of oxysterols: A commentary on â€œOxysterol mixtures, in atheroma-relevant proportions, display synergistic and proapoptotic effects,â€• by Larsson, Baird, Diinga Nyhalah, Yuan, and Li. Free Radical Biology and Medicine, 2006, 41, 872-873.	1.3	1
237	Azelnidipine, a new calcium channel blocker, inhibits endothelial inflammatory response by reducing intracellular levels of reactive oxygen species. European Journal of Pharmacology, 2006, 546, 11-18.	1.7	36

#	Article	IF	Citations
238	Cellular toxicity of oxycholesterols. BioEssays, 2006, 28, 387-398.	1.2	25
239	Multiplexed flow cytometric analyses of pro- and anti-inflammatory cytokines in the culture media of oxysterol-treated human monocytic cells and in the sera of atherosclerotic patients. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2006, 69A, 359-373.	1.1	100
240	Oxysterols in biological systems: sources, metabolism and pathophysiological relevance. Redox Report, 2006, 11, 255-262.	1.4	81
242	Early Involvement of ROS Overproduction in Apoptosis Induced by 7-Ketocholesterol. Antioxidants and Redox Signaling, 2006, 8, 375-380.	2.5	65
243	Cytocidal effects of atheromatous plaque components: the death zone revisited. FASEB Journal, 2006, 20, 2281-2290.	0.2	45
244	High-density lipoprotein protects macrophages from oxidized low-density lipoprotein-induced apoptosis by promoting efflux of 7-ketocholesterol via ABCG1. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15093-15098.	3.3	243
245	Caspase-8, -12, and -3 Activation by 7-Ketocholesterol in Retinal Neurosensory Cells. , 2007, 48, 1362.		29
246	Site-specific Effects of Peptide Lipidation on Î²-Amyloid Aggregation and Cytotoxicity. Journal of Biological Chemistry, 2007, 282, 36987-36997.	1.6	19
247	Oxysterols are substrates for cholesterol sulfotransferase. Journal of Lipid Research, 2007, 48, 1343-1352.	2.0	97
248	Expression of Human OSBP-Related Protein 1L in Macrophages Enhances Atherosclerotic Lesion Development in LDL Receptorâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1618-1624.	1.1	49
249	Increased Endoplasmic Reticulum Stress in Atherosclerotic Plaques Associated With Acute Coronary Syndrome. Circulation, 2007, 116, 1226-1233.	1.6	335
250	TNF-Î± interferes with lipid homeostasis and activates acute and proatherogenic processes. Physiological Genomics, 2007, 31, 216-227.	1.0	51
251	Mechanisms involved in chylomicron remnant lipid uptake by macrophages. Biochemical Society Transactions, 2007, 35, 459-463.	1.6	17
252	Oxysterols: functional significance in fetal development and the maintenance of normal retinal function. Current Opinion in Lipidology, 2007, 18, 283-288.	1.2	20
253	Localization of lipids in the aortic wall with imaging TOF-SIMS. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 185-195.	1.2	70
254	Differential sensitivity to apoptosis among the cells that contribute to the atherosclerotic disease. Biochemical and Biophysical Research Communications, 2007, 363, 444-450.	1.0	9
255	Cytotoxic effects of various stressors on PC12 cells: Involvement of oxidative stress and effect of antioxidants. NeuroToxicology, 2007, 28, 67-75.	1.4	55
256	Lipoprotein distribution and biological variation of 24S- and 27-hydroxycholesterol in healthy volunteers. Atherosclerosis, 2007, 194, 71-78.	0.4	85

#	Article	IF	Citations
257	Expression of ATP binding cassette-transporter ABCG1 prevents cell death by transporting cytotoxic 7Î²-hydroxycholesterol. FEBS Letters, 2007, 581, 1673-1680.	1.3	45
258	Cholesterol is more susceptible to oxidation than linoleates in cultured cells under oxidative stress induced by selenium deficiency and free radicals. FEBS Letters, 2007, 581, 4349-4354.	1.3	35
259	Degree of Antioxidant Protection: A Parameter to Trace the Origin and Quality of Goat's Milk and Cheese. Journal of Dairy Science, 2007, 90, 4569-4574.	1.4	39
260	Oxysterols Induced Inflammation and Oxidation in Primary Porcine Retinal Pigment Epithelial Cells. Current Eye Research, 2007, 32, 271-280.	0.7	68
261	25-Hydroxycholesterol, 7Î²-hydroxycholesterol and 7-ketocholesterol upregulate interleukin-8 expression independently of Toll-like receptor 1, 2, 4 or 6 signalling in human macrophages. Free Radical Research, 2007, 41, 260-266.	1.5	45
262	Vascular smooth muscle cell apoptosis induced by 7-ketocholesterol was mediated via Ca2+ and inhibited by the calcium channel blocker nifedipine. Metabolism: Clinical and Experimental, 2007, 56, 357-362.	1.5	24
263	Cholesterol Secoaldehyde, An Ozonation Product of Cholesterol, Induces Amyloid Aggregation and Apoptosis in Murine GT1-7 Hypothalamic Neurons. Journal of Alzheimer's Disease, 2007, 11, 261-274.	1.2	30
264	Effects of caspase inhibitors (z-VAD-fmk, z-VDVAD-fmk) on Nile Red fluorescence pattern in 7-ketocholesterol-treated cells: Investigation by flow cytometry and spectral imaging microscopy. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2007, 71A, 550-562.	1.1	19
265	Cholesterol oxides as biomarkers of oxidative stress in type 1 and type 2 diabetes mellitus. Diabetes/Metabolism Research and Reviews, 2007, 23, 35-42.	1.7	66
266	Endothelial cell and macrophage regulation of vascular smooth muscle cell calcification modulated by cholestane-3Î², 5Î±, 6Î²-triol. Cell Biology International, 2007, 31, 900-907.	1.4	9
267	Changes in the components of biliary and plasma lipids in selenium-deficient rats. Chemistry and Physics of Lipids, 2007, 148, 70-76.	1.5	4
268	Oxidative status of human low density lipoprotein isolated by anion-exchange high-performance liquid chromatographyâ€"Assessment by total hydroxyoctadecadienoic acid, 7-hydroxycholesterol, and 8-iso-prostaglandin F2Î±. Analytica Chimica Acta, 2007, 585, 86-93.	2.6	17
269	Determination of stigmasterol and cholesterol oxides using atmospheric pressure chemical ionization liquid chromatography/mass spectrometry. Food Chemistry, 2007, 101, 1438-1445.	4.2	32
270	Characterization of oxysterols by electrospray ionization tandem mass spectrometry after one-step derivatization with dimethylglycine. Rapid Communications in Mass Spectrometry, 2007, 21, 141-152.	0.7	82
271	27-Hydroxycholesterol is an endogenous SERM that inhibits the cardiovascular effects of estrogen. Nature Medicine, 2007, 13, 1185-1192.	15.2	351
273	In vivo interconversion of 7Î²-hydroxycholesterol and 7-ketocholesterol, potential surrogate markers for oxidative stress. Free Radical Biology and Medicine, 2007, 43, 695-701.	1.3	79
274	Oxysterols: Genesis and basic functions. Russian Journal of Bioorganic Chemistry, 2007, 33, 275-287.	0.3	0
275	Lack of effect of oral supplementation with antioxidants on cholesterol oxidation product concentration of human plasma, as revealed by an improved gas chromatography method. Analytical and Bioanalytical Chemistry, 2007, 389, 277-289.	1.9	5

#	Article	IF	Citations
276	Mitochondrial perturbation, oxidative stress and lysosomal destabilization are involved in 7Î²-hydroxysitosterol and 7Î²-hydroxycholesterol triggered apoptosis in human colon cancer cells. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 87-96.	2.2	62
277	Cytotoxic oxysterols induce caspase-independent myelin figure formation and caspase-dependent polar lipid accumulation. Histochemistry and Cell Biology, 2007, 127, 609-624.	0.8	29
278	Levels of Lipid Peroxidation in Human Plasma and Erythrocytes: Comparison between Fatty Acids and Cholesterol. Lipids, 2007, 42, 439-449.	0.7	38
279	TGFÎ²1 expression in colonic mucosa: modulation by dietary lipids. Genes and Nutrition, 2007, 2, 233-243.	1.2	7
280	The protective role of carotenoids against 7-keto-cholesterol formation in solution. Molecular and Cellular Biochemistry, 2008, 309, 61-68.	1.4	41
281	Inhibition of Serum Cholesterol Oxidation by Dietary Vitamin C and Selenium Intake in High Fat Fed Rats. Lipids, 2008, 43, 383-390.	0.7	14
282	Simultaneous measurement of F2-isoprostane, hydroxyoctadecadienoic acid, hydroxyeicosatetraenoic acid, and hydroxycholesterols from physiological samples. Analytical Biochemistry, 2008, 379, 105-115.	1.1	76
283	Lipid peroxidation products as oxidative stress biomarkers. BioFactors, 2008, 34, 171-180.	2.6	225
284	Oxidation as a crucial reaction for cholesterol to induce tissue degeneration: CD36 overexpression in human promonocytic cells treated with a biologically relevant oxysterol mixture. Aging Cell, 2008, 7, 375-382.	3.0	32
285	Hypercholesterolemia-induced AÎ² accumulation in rabbit brain is associated with alteration in IGF-1 signaling. Neurobiology of Disease, 2008, 32, 426-432.	2.1	68
286	Lipids and atherosclerosis. , 2008, , 579-605.		7
287	Vascular Effects of Diet Supplementation With Plant Sterols. Journal of the American College of Cardiology, 2008, 51, 1553-1561.	1.2	178
288	Interaction of 7-Ketocholesterol with Two Major Components of the Inner Leaflet of the Plasma Membrane: Phosphatidylethanolamine and Phosphatidylserine. Biochemistry, 2008, 47, 3004-3012.	1.2	14
289	Extracellular Nampt Promotes Macrophage Survival via a Nonenzymatic Interleukin-6/STAT3 Signaling Mechanism. Journal of Biological Chemistry, 2008, 283, 34833-34843.	1.6	174
290	7-Ketocholesterol activates caspases-3/7, -8, and -12 in human microvascular endothelial cells in vitro. Microvascular Research, 2008, 75, 343-350.	1.1	39
291	Phytosterols: physiologic and metabolic aspects related to cholesterol-lowering properties. Nutrition Research, 2008, 28, 217-225.	1.3	215
292	Sterol regulators of cholesterol homeostasis and beyond: The oxysterol hypothesis revisited and revised. Progress in Lipid Research, 2008, 47, 391-404.	5.3	187
293	Unusual electrochemical oxidation of cholesterol. Steroids, 2008, 73, 543-548.	0.8	19

#	Article	IF	Citations
294	27-Hydroxycholesterol: a potential endogenous regulator of estrogen receptor signaling. Trends in Pharmacological Sciences, 2008, 29, 510-514.	4.0	38
295	HDL, ABC Transporters, and Cholesterol Efflux: Implications for the Treatment of Atherosclerosis. Cell Metabolism, 2008, 7, 365-375.	7.2	483
296	Determination of serum 7-ketocholesterol concentrations and their relationships with coronary multiple risks in diabetes mellitus. Diabetes Research and Clinical Practice, 2008, 80, 63-68.	1.1	40
297	Characteristics of Oxysterol Binding Proteins. International Review of Cytology, 2008, 265, 253-285.	6.2	50
298	A Comparison of the Potential Unfavorable Effects of Oxycholesterol and Oxyphytosterol in Mice: Different Effects, on Cerebral 24S-Hydroxychoelsterol and Serum Triacylglycerols Levels. Bioscience, Biotechnology and Biochemistry, 2008, 72, 3128-3133.	0.6	21
299	Autoimmune-mediated atherothrombosis. Lupus, 2008, 17, 879-888.	0.8	37
300	Cannabinoid (CB2) receptor deficiency reduces the susceptibility of macrophages to oxidized LDL/oxysterol-induced apoptosis. Journal of Lipid Research, 2008, 49, 2338-2346.	2.0	28
301	Anthocyanin-Rich Aronox Extract from Aronia melanocarpa E Protects against 7Î²-Hydroxycholesterol-Induced Apoptosis of Endothelial Cells. Annals of Nutrition and Metabolism, 2008, 53, 283-294.	1.0	19
302	OSBP-related Protein 8 (ORP8) Suppresses ABCA1 Expression and Cholesterol Efflux from Macrophages. Journal of Biological Chemistry, 2008, 283, 332-340.	1.6	115
303	25-Hydroxycholesterol induces mitochondria-dependent apoptosis via activation of glycogen synthase kinase-3Î²in PC12 cells. Free Radical Research, 2008, 42, 544-553.	1.5	27
304	Cholesterol, Reactive Oxygen Species, and the Formation of Biologically Active Mediators. Journal of Biological Chemistry, 2008, 283, 15521-15525.	1.6	155
305	Activation of a Caspase-3-Independent Mode of Cell Death Associated with Lysosomal Destabilization in Cultured Human Retinal Pigment Epithelial Cells (ARPE-19) Exposed to 7Î²-Hydroxycholesterol. Current Eye Research, 2008, 33, 769-781.	0.7	17
306	27-Hydroxycholesterol Is an Endogenous Selective Estrogen Receptor Modulator. Molecular Endocrinology, 2008, 22, 65-77.	3.7	255
308	Differential effects of PARP inhibition on vascular cell survival and ACAT-1 expression favouring atherosclerotic plaque stability. Cardiovascular Research, 2008, 78, 429-439.	1.8	42
309	Influence of intracellular calcium on apoptosis in differentiated U937 cells following long-term exposure to oxysterols. Proceedings of the Nutrition Society, 2008, 67, .	0.4	0
310	Side effects of oxysterols: cytotoxicity, oxidation, inflammation, and phospholipidosis. Brazilian Journal of Medical and Biological Research, 2008, 41, 545-556.	0.7	144
311	Potential Mechanisms Linking Cholesterol to Alzheimer's Disease-like Pathology in Rabbit Brain, Hippocampal Organotypic Slices, and Skeletal Muscle. Journal of Alzheimer's Disease, 2008, 15, 673-684.	1.2	60
312	Cholesterol composition of erythrocyte membranes and its association with clinical presentation of coronary artery disease. Coronary Artery Disease, 2008, 19, 583-590.	0.3	15

#	Article	IF	Citations
313	Changes and Effects of Dietary Oxidized Lipids in the Gastrointestinal Tract. Lipid Insights, 2008, 2, LPI.S904.	1.0	26
314	7-Ketocholesterol, a Major Oxysterol, Promotes Pi-Induced Vascular Calcification in Cultured Smooth Muscle Cells. Journal of Atherosclerosis and Thrombosis, 2008, 15, 130-137.	0.9	22
316	New Functions for Oxysterols and Their Cellular Receptors. Lipid Insights, 2008, 2, LPI.S866.	1.0	3
317	Biomarcadores de peroxidaÃ§Ã£o lipÃdica na aterosclerose. Revista De Nutricao, 2008, 21, 749-756.	0.4	5
318	Characterization of oxidized low-density lipoprotein-induced hormesis-like effects in osteoblastic cells. American Journal of Physiology - Cell Physiology, 2008, 294, C1021-C1033.	2.1	33
319	Hexose-6-phosphate dehydrogenase modulates the effect of inhibitors and alternative substrates of 11[beta]-hydroxysteroid dehydrogenase 1. Nature Precedings, 2008, , .	0.1	1
320	7Î²-Hydroxycholesterol Induces Apoptosis and Regulates Cyclooxygenase 2 in Head and Neck Squamous Cell Carcinoma. JAMA Otolaryngology, 2009, 135, 261.	1.5	14
321	Clinical Significance of Serum 7-Ketocholesterol Concentrations in the Progression of Coronary Atherosclerosis. Journal of Atherosclerosis and Thrombosis, 2009, 16, 363-370.	0.9	29
322	7-Ketocholesterol Upregulates Interleukin-6 via Mechanisms That Are Distinct from Those of Tumor Necrosis Factor-Î±, in Vascular Smooth Muscle Cells. Journal of Vascular Research, 2009, 46, 36-44.	0.6	30
323	7Î²-hydroxycholesterol induces natural killer cell death via oxidative lysosomal destabilization. Free Radical Research, 2009, 43, 1072-1079.	1.5	7
324	Oxidative Stress, Endothelial Dysfunction and Atherosclerosis. Current Pharmaceutical Design, 2009, 15, 2988-3002.	0.9	211
325	Are side-chain oxidized oxysterols regulators also in vivo?. Journal of Lipid Research, 2009, 50, S213-S218.	2.0	99
326	Lipid peroxidation: Physiological levels and dual biological effects. Free Radical Biology and Medicine, 2009, 47, 469-484.	1.3	789
327	Special relationship between sterols and oxygen: Were sterols an adaptation to aerobic life?. Free Radical Biology and Medicine, 2009, 47, 880-889.	1.3	107
328	Pro-oxidant and proapoptotic effects of cholesterol oxidation products on human colonic epithelial cells: A potential mechanism of inflammatory bowel disease progression. Free Radical Biology and Medicine, 2009, 47, 1731-1741.	1.3	66
329	Cholestane-3Î²,5Î±,6Î²-triol-induced reactive oxygen species production promotes mitochondrial dysfunction in isolated mice liver mitochondria. Chemico-Biological Interactions, 2009, 179, 81-87.	1.7	23
330	Sterol lipidomics in health and disease: Methodologies and applications. European Journal of Lipid Science and Technology, 2009, 111, 14-38.	1.0	23
331	Functional Chimeras: New Bingelâ€"Hirschâ€Type Steroidâ€"Fullerene Hybrids. European Journal of Organic Chemistry, 2009, 2009, 4810-4817.	1.2	13

#	Article	IF	Citations
332	Biochemical and histopathological effects of dietary oxidized cholesterol in rats. Journal of Applied Toxicology, 2009, 29, 715-723.	1.4	17
333	The role of calcium in apoptosis induced by 7Î²â€hydroxycholesterol and cholesterolâ€5Î²,6Î²â€epoxide. Journal of Biochemical and Molecular Toxicology, 2009, 23, 324-332.	1.4	21
334	Dopant assisted-atmospheric pressure photoionization (DA-APPI) liquid chromatographyâ€“mass spectrometry for the quantification of 27-hydroxycholesterol in plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 261-268.	1.2	36
335	Oxysterols and mechanisms of apoptotic signaling: implications in the pathology of degenerative diseasesâ˜†. Journal of Nutritional Biochemistry, 2009, 20, 321-336.	1.9	125
336	Artifact generation and monitoring in analysis of cholesterol oxide products. Analytical Biochemistry, 2009, 388, 1-14.	1.1	20
337	Different Patterns of Oxidized Lipid Products in Plasma and Urine of Dengue Fever, Stroke, and Parkinson's Disease Patients: Cautions in the Use of Biomarkers of Oxidative Stress. Antioxidants and Redox Signaling, 2009, 11, 407-420.	2.5	88
338	Efficient Chemoenzymatic Synthesis, Cytotoxic Evaluation, and SAR of Epoxysterols. Journal of Medicinal Chemistry, 2009, 52, 4007-4019.	2.9	30
339	AM-251 and SR144528 are acyl CoA:cholesterol acyltransferase inhibitors. Biochemical and Biophysical Research Communications, 2009, 381, 181-186.	1.0	6
340	ABCG1 mediated oxidized LDL-derived oxysterol efflux from macrophages. Biochemical and Biophysical Research Communications, 2009, 390, 1349-1354.	1.0	29
341	Lipid oxidation of irradiated pork products. LWT - Food Science and Technology, 2009, 42, 1301-1307.	2.5	19
342	Interactions of oxysterols with membranes and proteins. Molecular Aspects of Medicine, 2009, 30, 123-133.	2.7	120
343	Oxysterols: Sources, cellular storage and metabolism, and new insights into their roles in cholesterol homeostasis. Molecular Aspects of Medicine, 2009, 30, 111-122.	2.7	265
344	Cytotoxic effects of oxysterols associated with human diseases: Induction of cell death (apoptosis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Medicine, 2009, 30, 153-170.	2.7	242
345	Hexose-6-phosphate dehydrogenase modulates the effect of inhibitors and alternative substrates of 11Î²-hydroxysteroid dehydrogenase 1. Molecular and Cellular Endocrinology, 2009, 301, 117-122.	1.6	26
346	Cholesterol-3-beta, 5-alpha, 6-beta-triol induced PI3K-Akt-eNOS-dependent cyclooxygenase-2 expression in endothelial cells. Toxicology Letters, 2009, 190, 172-178.	0.4	16
347	Effect of 27-hydroxycholesterol on survival and death of human macrophages and vascular smooth muscle cells. Free Radical Research, 2009, 43, 1019-1028.	1.5	20
348	Oxysterols in heart failure. Future Cardiology, 2009, 5, 343-354.	0.5	7
349	Medical bioremediation of age-related diseases. Microbial Cell Factories, 2009, 8, 21.	1.9	21

#	Article	IF	Citations
350	Cellular Lipid Metabolism. , 2009, , .		6
351	LXR-activating oxysterols induce the expression of inflammatory markers in endothelial cells through LXR-independent mechanisms. Atherosclerosis, 2009, 207, 38-44.	0.4	64
352	Increased susceptibility to exacerbated liver injury in hypercholesterolemic ApoE-deficient mice: potential involvement of oxysterols. American Journal of Physiology - Renal Physiology, 2009, 296, G553-G562.	1.6	66
353	Green Tea and Heart Health. Journal of Cardiovascular Pharmacology, 2009, 54, 385-390.	0.8	36
354	The effect of dietary cholesterol on macrophage accumulation in adipose tissue: implications for systemic inflammation and atherosclerosis. Current Opinion in Lipidology, 2009, 20, 39-44.	1.2	45
355	Ligand regulation of retinoic acid receptor-related orphan receptors: implications for development of novel therapeutics. Current Opinion in Lipidology, 2010, 21, 204-211.	1.2	55
356	Lupin protein isolate and cysteine-supplemented casein reduce calcification of atherosclerotic lesions in apoE-deficient mice. British Journal of Nutrition, 2010, 103, 180-188.	1.2	18
357	Proliferation of human mammary cancer cells exposed to 27-hydroxycholesterol. Experimental and Therapeutic Medicine, 2010, 1, 531-536.	0.8	32
358	Leptin Reduces the Accumulation of AÎ² and Phosphorylated Tau Induced by 27-Hydroxycholesterol in Rabbit Organotypic Slices. Journal of Alzheimer's Disease, 2010, 19, 1007-1019.	1.2	120
359	Apolipoprotein A-I, Cyclodextrins and Liposomes as Potential Drugs for the Reversal of Atherosclerosis. A Review. Journal of Pharmacy and Pharmacology, 2010, 52, 731-761.	1.2	55
360	ATP-Binding Cassette Transporter G1 and High-Density Lipoprotein Promote Endothelial NO Synthesis Through a Decrease in the Interaction of Caveolin-1 and Endothelial NO Synthase. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2219-2225.	1.1	89
361	Pathological aspects of lipid peroxidation. Free Radical Research, 2010, 44, 1125-1171.	1.5	344
362	HDL Lipids and Insulin Resistance. Current Diabetes Reports, 2010, 10, 78-86.	1.7	32
363	Cholesterol oxides content in selected animal products determined by GCâ€MS. European Journal of Lipid Science and Technology, 2010, 112, 1130-1137.	1.0	23
364	Oxysterols: Swiss army knife in a cell's toolbox. European Journal of Lipid Science and Technology, 2010, 112, 819-820.	1.0	1
365	Lycopene prevents 7-ketocholesterol-induced oxidative stress, cell cycle arrest and apoptosis in human macrophagesâ˜†. Journal of Nutritional Biochemistry, 2010, 21, 34-46.	1.9	96
366	Interaction of two oxysterols, 7-ketocholesterol and 25-hydroxycholesterol, with phosphatidylcholine and sphingomyelin in model membranes. Chemistry and Physics of Lipids, 2010, 163, 586-593.	1.5	33
367	Efficient trans-diaxial hydroxylation of Î”5-steroids. Tetrahedron, 2010, 66, 2455-2462.	1.0	17

#	Article	IF	Citations
368	Stereoselective synthesis of selenosteroids. Tetrahedron Letters, 2010, 51, 2237-2240.	0.7	24
369	Iron nanoparticles increase 7-ketocholesterol-induced cell death, inflammation, and oxidation on murine cardiac HL1-NB cells. International Journal of Nanomedicine, 2010, 5, 185.	3.3	28
370	Do free radicals play causal role in atherosclerosis? Low density lipoprotein oxidation and vitamin E revisited. Journal of Clinical Biochemistry and Nutrition, 2010, 48, 3-7.	0.6	70
371	Identification of 5Î±,6Î±-Epoxycholesterol as a Novel Modulator of Liver X Receptor Activity. Molecular Pharmacology, 2010, 78, 1046-1058.	1.0	56
372	Oxysterols in biological systems: The gastrointestinal tract, liver, vascular wall and central nervous system. Free Radical Research, 2010, 44, 47-73.	1.5	38
373	7-Ketocholesterol Catabolism by Rhodococcus jostii RHA1. Applied and Environmental Microbiology, 2010, 76, 352-355.	1.4	27
374	Antiapoptotic and Proliferative Effects of Low Concentrations of 7Î²-Hydroxycholesterol in Human Endothelial Cells via ERK Activation. Journal of Vascular Research, 2010, 47, 241-251.	0.6	21
375	Modulation of Retinoic Acid Receptor-related Orphan Receptor Î± and Î³ Activity by 7-Oxygenated Sterol Ligands. Journal of Biological Chemistry, 2010, 285, 5013-5025.	1.6	180
376	Adenosine Monophosphate Activated Protein Kinase Regulates ABCG1-Mediated Oxysterol Efflux From Endothelial Cells and Protects Against Hypercholesterolemia-Induced Endothelial Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1354-1362.	1.1	47
377	The Endogenous Selective Estrogen Receptor Modulator 27-Hydroxycholesterol Is a Negative Regulator of Bone Homeostasis. Endocrinology, 2010, 151, 3675-3685.	1.4	96
378	Synthesis and Characterization of Stigmasterol Oxidation Products. Journal of Agricultural and Food Chemistry, 2010, 58, 1165-1173.	2.4	32
379	Highly Sensitive Fluorescent Method for the Detection of Cholesterol Aldehydes Formed by Ozone and Singlet Molecular Oxygen. Analytical Chemistry, 2010, 82, 6775-6781.	3.2	19
380	Oxysterols from Free Radical Chain Oxidation of 7-Dehydrocholesterol: Product and Mechanistic Studies. Journal of the American Chemical Society, 2010, 132, 2222-2232.	6.6	120
381	Effects of cholesterol oxidation products on exocytosis. Neuroscience Letters, 2010, 476, 36-41.	1.0	32
382	The role of red blood cells in the progression and instability of atherosclerotic plaque. International Journal of Cardiology, 2010, 142, 2-7.	0.8	49
383	The glucocorticoid-activating enzyme 11Î²-hydroxysteroid dehydrogenase type 1 has broad substrate specificity: Physiological and toxicological considerations. Journal of Steroid Biochemistry and Molecular Biology, 2010, 119, 1-13.	1.2	39
384	7-Ketocholesterol and 7-hydroxycholesterol in pork meat and its gravy thermally treated without additives and in the presence of onion and garlic. Meat Science, 2010, 86, 976-984.	2.7	18
385	Inhibition of carboxylesterase activity of THP1 monocytes/macrophages and recombinant human carboxylesterase 1 by oxysterols and fatty acids. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 31-41.	1.2	37

#	Article	IF	Citations
386	Placental ABCA1 and ABCG1 transporters efflux cholesterol and protect trophoblasts from oxysterol induced toxicity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 1013-1024.	1.2	81
387	7-Ketocholesterol and cholesterol-5Î±,6Î±-epoxide induce smooth muscle cell migration and proliferation through the epidermal growth factor receptor/phosphoinositide 3-kinase/Akt signaling pathways. Toxicology Letters, 2010, 197, 88-96.	0.4	22
388	Oxidized low-density lipoproteins upregulate proline oxidase to initiate ROS-dependent autophagy. Carcinogenesis, 2010, 31, 446-454.	1.3	71
389	Cannabinoid receptor type 2 (CB2) deficiency alters atherosclerotic lesion formation in hyperlipidemic Ldlr-null mice. Atherosclerosis, 2010, 213, 102-108.	0.4	47
390	Environmental Endocrine Disruptors and Male Reproductive Toxicology. , 2010, , 231-246.		2
392	Sterol Efflux by ABCA1 and ABCG1. , 2010, , 199-214.		1
393	Oxidized LDL: Diversity, Patterns of Recognition, and Pathophysiology. Antioxidants and Redox Signaling, 2010, 13, 39-75.	2.5	354
394	Diet and Atherosclerosis in Apolipoprotein E-Deficient Mice. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1023-1035.	0.6	30
395	Conversion of 7-Dehydrocholesterol to 7-Ketocholesterol Is Catalyzed by Human Cytochrome P450 7A1 and Occurs by Direct Oxidation without an Epoxide Intermediate. Journal of Biological Chemistry, 2011, 286, 33021-33028.	1.6	93
396	Selective Cytotoxicity of Oxysterols through Structural Modulation on Rings A and B. Synthesis, in Vitro Evaluation, and SAR. Journal of Medicinal Chemistry, 2011, 54, 6375-6393.	2.9	46
397	Cholesterol-Dependent Degradation of Squalene Monooxygenase, a Control Point in Cholesterol Synthesis beyond HMG-CoA Reductase. Cell Metabolism, 2011, 13, 260-273.	7.2	238
398	Androgens and estrogens in benign prostatic hyperplasia: Past, present and future. Differentiation, 2011, 82, 184-199.	1.0	254
399	The effect of oxycholesterols on thermo-induced membrane dynamics. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2245-2251.	1.4	24
400	Effect of electron-beam irradiation on cholesterol oxide formation in different ready-to-eat foods. Innovative Food Science and Emerging Technologies, 2011, 12, 519-525.	2.7	9
401	Autoregulation of cholesterol synthesis: Physiologic and pathophysiologic consequences. Steroids, 2011, 76, 211-215.	0.8	13
402	27-Hydroxycholesterol: the first identified endogenous SERM. Trends in Endocrinology and Metabolism, 2011, 22, 130-135.	3.1	99
403	Interaction between 24-hydroxycholesterol, oxidative stress, and amyloid-Î² in amplifying neuronal damage in Alzheimerâ€™s disease: three partners in crime. Aging Cell, 2011, 10, 403-417.	3.0	85
404	Oxysterols inhibit differentiation and fusion of term primary trophoblasts by activating liver X receptors. Placenta, 2011, 32, 183-191.	0.7	37

#	Article	IF	Citations
405	Free Radical Lipid Peroxidation: Mechanisms and Analysis. Chemical Reviews, 2011, 111, 5944-5972.	23.0	1,300
406	Lanthanum chloride suppresses oxysterol-induced ECV-304 cell apoptosis via inhibition of intracellular Ca2+ concentration elevation, oxidative stress, and activation of ERK and NF-Î²B signaling pathways. Journal of Biological Inorganic Chemistry, 2011, 16, 671-681.	1.1	13
407	Sterol binding by OSBP-related protein 1L regulates late endosome motility and function. Cellular and Molecular Life Sciences, 2011, 68, 537-551.	2.4	87
408	Mechanisms of oxysterol-induced carcinogenesis. Lipids in Health and Disease, 2011, 10, 44.	1.2	69
409	Oxysterols and calcium signal transduction. Chemistry and Physics of Lipids, 2011, 164, 488-495.	1.5	23
410	Validation of an isotope dilution gas chromatographyâ€“mass spectrometry method for analysis of 7-oxygenated campesterol and sitosterol in human serum. Chemistry and Physics of Lipids, 2011, 164, 425-431.	1.5	46
411	The REV-ERBs and RORs: molecular links between circadian rhythms and lipid homeostasis. Future Medicinal Chemistry, 2011, 3, 623-638.	1.1	131
412	Red wine prevents the postprandial increase in plasma cholesterol oxidation products: a pilot study. British Journal of Nutrition, 2011, 105, 1718-1723.	1.2	35
413	Conversion of 7-ketocholesterol to oxysterol metabolites by recombinant CYP27A1 and retinal pigment epithelial cells. Journal of Lipid Research, 2011, 52, 1117-1127.	2.0	38
414	Atherosclerosis in ApoE-deficient mice progresses independently of the NLRP3 inflammasome. Cell Death and Disease, 2011, 2, e137-e137.	2.7	224
415	Novel oxysterols observed in tissues and fluids of AY9944-treated rats: a model for Smith-Lemli-Opitz syndrome. Journal of Lipid Research, 2011, 52, 1810-1820.	2.0	59
416	Impact of oxLDL on Cholesterol-Rich Membrane Rafts. Journal of Lipids, 2011, 2011, 1-11.	1.9	33
417	Positive Cross-Talk Between Hypoxia Inducible Factor-1Î± and Liver X Receptor Î± Induces Formation of Triglyceride-Loaded Foam Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2949-2956.	1.1	29
418	Formation of cholesterol ozonolysis products in vitro and in vivo through a myeloperoxidase-dependent pathway. Journal of Lipid Research, 2011, 52, 87-97.	2.0	38
419	Oxysterols exert proinflammatory effects in placental trophoblasts via TLR4-dependent, cholesterol-sensitive activation of NF-ÂB. Molecular Human Reproduction, 2012, 18, 341-353.	1.3	58
420	Supplementation with Cyanidin-3-O-Î²-Glucoside Protects against Hypercholesterolemia-Mediated Endothelial Dysfunction and Attenuates Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. Journal of Nutrition, 2012, 142, 1033-1037.	1.3	47
421	Contribution of monocyte-derived macrophages and smooth muscle cells to arterial foam cell formation. Cardiovascular Research, 2012, 95, 165-172.	1.8	136
422	The role of oxysterols in control of endothelial stiffness. Journal of Lipid Research, 2012, 53, 1348-1358.	2.0	50

#	Article	IF	Citations
423	Relationships of Coronary Heart Disease With 27-Hydroxycholesterol, Low-Density Lipoprotein Cholesterol, and Menopausal Hormone Therapy. Circulation, 2012, 126, 1577-1586.	1.6	22
424	Roles of 7-ketocholesterol on the Homeostasis of Intracellular Cholesterol Level. Journal of Cardiovascular Pharmacology, 2012, 60, 199-207.	0.8	5
425	Effect of ring-substituted oxysterols on the phase behavior of dipalmitoylphosphatidylcholine membranes. European Biophysics Journal, 2012, 41, 891-900.	1.2	8
426	Gas Chromatographyâ€“Tandem Mass Spectrometry Method for the Simultaneous Determination of Oxysterols, Plant Sterols, and Cholesterol Precursors. Clinical Chemistry, 2012, 58, 1557-1564.	1.5	59
427	Kimchi suppresses 7-ketocholesterol-induced endoplasmic reticulum stress in macrophages. Food Science and Biotechnology, 2012, 21, 1293-1299.	1.2	14
428	Cyanidin-3-O-Î²-glucoside induces oxysterol efflux from endothelial cells: Role of liver X receptor alpha. Atherosclerosis, 2012, 223, 299-305.	0.4	19
429	25-hydroxycholesterol enhances cytokine release and toll-like receptor 3 response in airway epithelial cells. Respiratory Research, 2012, 13, 63.	1.4	53
430	The interplay between retinoic acid receptor-related orphan receptors and human diseases. Journal of Receptor and Signal Transduction Research, 2012, 32, 181-189.	1.3	9
431	Increase of 27-Hydroxycholesterol in the Airways of Patients With COPD. Chest, 2012, 142, 329-337.	0.4	25
432	Development of a novel method for quantification of sterols and oxysterols by UPLC-ESI-HRMS: application to a neuroinflammation rat model. Analytical and Bioanalytical Chemistry, 2012, 404, 3049-3059.	1.9	21
433	Cholesterol: Biosynthesis, Functional Diversity, Homeostasis and Regulation by Natural Products. , 0, , .		2
434	Oxysterols and Their Cellular Effectors. Biomolecules, 2012, 2, 76-103.	1.8	129
435	Pathophysiology of Lipoprotein Oxidation. , 0, , .		6
436	Trends in the Evaluation of Lipid Peroxidation Processes. , 0, , .		4
437	Dietary Cholesterol Oxidation Products Accelerate Plaque Destabilization and Rupture Associated with Monocyte Infiltration/Activation via the MCP-1-CCR2 Pathway in Mouse Brachiocephalic Arteries: Therapeutic Effects of Ezetimibe. Journal of Atherosclerosis and Thrombosis, 2012, 19, 986-998.	0.9	46
438	Increased resistance to oxysterol cytotoxicity in fibroblasts transfected with a lysosomally targeted Chromobacterium oxidase. Biotechnology and Bioengineering, 2012, 109, 2409-2415.	1.7	22
439	Alteration of Some Inflammatory Biomarkers by Dietary Oxysterols in Rats. Inflammation, 2012, 35, 1302-1307.	1.7	6
440	7â€Ketocholesterol is Not Cytotoxic to U937 Cells When Incorporated into Acetylated Low Density Lipoprotein. Lipids, 2012, 47, 239-247.	0.7	14

#	Article	IF	Citations
441	Liver fluke-induced hepatic oxysterols stimulate DNA damage and apoptosis in cultured human cholangiocytes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 731, 48-57.	0.4	36
442	The metabolism of steroids, toxins and drugs by 11Î²-hydroxysteroid dehydrogenase 1. Toxicology, 2012, 292, 1-12.	2.0	17
443	Increased 25â€hydroxycholesterol concentrations in the lungs of patients with chronic obstructive pulmonary disease. Respirology, 2012, 17, 533-540.	1.3	44
444	Anti-apoptotic phenotypes of cholestan-3Î²,5Î±,6Î²-triol-resistant human cholangiocytes: Characteristics contributing to the genesis of cholangiocarcinoma. Journal of Steroid Biochemistry and Molecular Biology, 2013, 138, 368-375.	1.2	20
445	27-Hydroxycholesterol induces recruitment of monocytic cells by enhancing CCL2 production. Biochemical and Biophysical Research Communications, 2013, 442, 159-164.	1.0	25
446	7-Ketocholesterol Induces Autophagy in Vascular Smooth Muscle Cells through Nox4 and Atg4B. American Journal of Pathology, 2013, 183, 626-637.	1.9	106
447	27-Hydroxycholesterol Promotes Cell-Autonomous, ER-Positive Breast Cancer Growth. Cell Reports, 2013, 5, 637-645.	2.9	289
448	Oxysterols modulate calcium signalling in the A7r5 aortic smooth muscle cell-line. Biochimie, 2013, 95, 568-577.	1.3	10
449	Ezetimibe decreases serum oxidized cholesterol without impairing bile acid synthesis in Japanese hypercholesterolemic patients. Atherosclerosis, 2013, 230, 48-51.	0.4	11
450	Mutation in CYP27A1 identified in family with coronary artery disease. European Journal of Medical Genetics, 2013, 56, 655-660.	0.7	15
451	Lysophosphatidylcholine-induced cytotoxicity in osteoblast-like MG-63 cells: Involvement of transient receptor potential vanilloid 2 (TRPV2) channels. Molecular Membrane Biology, 2013, 30, 315-326.	2.0	14
452	7-ketocholesterol-induced caspase-mediated apoptosis inSaccharomyces cerevisiae. FEMS Yeast Research, 2013, 13, 796-803.	1.1	4
453	Oxysterols and redox signaling in the pathogenesis of non-alcoholic fatty liver disease. Free Radical Research, 2013, 47, 881-893.	1.5	26
454	Interferon-Inducible Cholesterol-25-Hydroxylase Broadly Inhibits Viral Entry by Production of 25-Hydroxycholesterol. Immunity, 2013, 38, 92-105.	6.6	554
455	Anticancer steroids: linking natural and semi-synthetic compounds. Natural Product Reports, 2013, 30, 324-374.	5.2	216
456	Lipid biomarkers of oxidative stress in a genetic mouse model of Smithâ€Lemliâ€Opitz syndrome. Journal of Inherited Metabolic Disease, 2013, 36, 113-122.	1.7	52
457	11Î²-Hydroxysteroid dehydrogenase type 1 contributes to the balance between 7-keto- and 7-hydroxy-oxysterols in vivo. Biochemical Pharmacology, 2013, 86, 146-153.	2.0	29
458	Oxysterols induce transition of monocytic cells to phenotypically mature dendritic cell-like cells. Biochemical and Biophysical Research Communications, 2013, 438, 161-168.	1.0	32

#	Article	IF	Citations
459	Interrelationship between ATP-binding cassette transporters and oxysterols. Biochemical Pharmacology, 2013, 86, 80-88.	2.0	28
460	Oxysterols in the pathogenesis of major chronic diseases. Redox Biology, 2013, 1, 125-130.	3.9	236
461	Lipid peroxidation biomarkers for evaluating oxidative stress and assessing antioxidant capacity <i>in vivo</i>. Journal of Clinical Biochemistry and Nutrition, 2013, 52, 9-16.	0.6	161
462	Analytical strategies for characterization of oxysterol lipidomes: Liver X receptor ligands in plasma. Free Radical Biology and Medicine, 2013, 59, 69-84.	1.3	56
463	Oxysterol generation and liver X receptor-dependent reverse cholesterol transport: Not all roads lead to Rome. Molecular and Cellular Endocrinology, 2013, 368, 99-107.	1.6	33
464	Application of gas chromatographyâ€“triple quadrupole mass spectrometry to the determination of sterol components in biological samples in consideration of the ionization mode. Biochimie, 2013, 95, 489-495.	1.3	22
465	Covalent Binding and Anchoring of Cytochrome c to Mitochondrial Mimetic Membranes Promoted by Cholesterol Carboxyaldehyde. Chemical Research in Toxicology, 2013, 26, 1536-1544.	1.7	11
466	Differential Effects of the Estrogen Receptor Agonist Estradiol on Toxicity Induced by Enzymatically-Derived or Autoxidation-Derived Oxysterols in Human ARPE-19 Cells. Current Eye Research, 2013, 38, 1159-1171.	0.7	8
467	Characterization of the Role of a Highly Conserved Sequence in ATP Binding Cassette Transporter G (ABCG) Family in ABCG1 Stability, Oligomerization, and Trafficking. Biochemistry, 2013, 52, 9497-9509.	1.2	22
468	Oxysterol-induced apoptosis of smooth muscle cells is under the control of a soluble adenylyl cyclase. Cardiovascular Research, 2013, 99, 734-742.	1.8	47
469	Phytochemical indicaxanthin suppresses 7-ketocholesterol-induced THP-1 cell apoptosis by preventing cytosolic Ca²⁺increase and oxidative stress. British Journal of Nutrition, 2013, 110, 230-240.	1.2	60
470	7-Ketocholesterol Induces Inflammation and Angiogenesis In Vivo: A Novel Rat Model. PLoS ONE, 2013, 8, e56099.	1.1	43
471	Comprehensive gene expression analyses of the rat prefrontal cortex after oxysterol treatment. Journal of Neurochemistry, 2013, 124, 770-781.	2.1	8
472	Natural extracts versus sodium ascorbate to extend the shelf life of meat-based ready-to-eat meals. Food Science and Technology International, 2013, 19, 427-438.	1.1	34
473	Characterization of Cholesterol Homeostasis in Telomerase-immortalized Tangier Disease Fibroblasts Reveals Marked Phenotype Variability. Journal of Biological Chemistry, 2013, 288, 36936-36947.	1.6	11
474	OSBP-Related Proteins: Liganding by Glycerophospholipids Opens New Insight into Their Function. Molecules, 2013, 18, 13666-13679.	1.7	24
475	11Î²-Hydroxysteroid Dehydrogenase Type 1 Gene Knockout Attenuates Atherosclerosis and In Vivo Foam Cell Formation in Hyperlipidemic apoEâ^'/â^' Mice. PLoS ONE, 2013, 8, e53192.	1.1	27
476	7-Ketocholesterol-Induced Inflammation Signals Mostly through the TLR4 Receptor Both In Vitro and In Vivo. PLoS ONE, 2014, 9, e100985.	1.1	51

#	Article	IF	Citations
477	FSL-1, a Toll-like Receptor 2/6 Agonist, Induces Expression of Interleukin-1Î± in the Presence of 27-hydroxycholesterol. Korean Journal of Physiology and Pharmacology, 2014, 18, 475.	0.6	13
478	The interaction between metabolism, cancer and cardiovascular disease, connected by 27-hydroxycholesterol. Clinical Lipidology, 2014, 9, 617-624.	0.4	35
479	Quantitative detection of free 24S-hydroxycholesterol, and 27-hydroxycholesterol from human serum. BMC Neuroscience, 2014, 15, 137.	0.8	22
480	CD36-Dependent 7-Ketocholesterol Accumulation in Macrophages Mediates Progression of Atherosclerosis in Response to Chronic Air Pollution Exposure. Circulation Research, 2014, 115, 770-780.	2.0	148
481	Lipid Hydroperoxides as a Source of Singlet Molecular Oxygen. Sub-Cellular Biochemistry, 2014, 77, 3-20.	1.0	19
482	Cholesterol Hydroperoxides and Their Degradation Mechanism. Sub-Cellular Biochemistry, 2014, 77, 83-91.	1.0	19
483	High-temperature GC-MS-based serum cholesterol signatures may reveal sex differences in vasospastic angina. Journal of Lipid Research, 2014, 55, 155-162.	2.0	48
484	Oxysterolâ€Œ‌EBI2 signaling in immune regulation and viral infection. European Journal of Immunology, 2014, 44, 1904-1912.	1.6	35
485	Lipid Hydroperoxide-Derived Modification of Biomolecules. Sub-Cellular Biochemistry, 2014, , .	1.0	5
486	Unregulated Lipid Peroxidation in Neurological Dysfunction. , 2014, , 31-55.		6
487	Highlight on transient activation of red/ox-dependent survival signals involving MEK/ERK and PI3/Akt signaling pathways in 27-hydroxycholesterol treated-U937 Human monocytic cells: Commentary on â€œSurvival signaling elicited by 27-hydroxycholesterol through the combined modulation of cellular redox state and ERK/Akt phosphorylation,â€•by Beyza Vurusaner et al.. Free Radical Biology and Medicine, 2014, 77, 386-387.	1.3	0
488	Oxidised plant sterols as well as oxycholesterol increase the proportion of severe atherosclerotic lesions in female LDL receptor^{+/Ââ^’}mice. British Journal of Nutrition, 2014, 111, 64-70.	1.2	47
489	The Influence of an Obesogenic Diet on Oxysterol Metabolism in C57BL/6J Mice. Cholesterol, 2014, 2014, 1-11.	1.6	30
490	Oxysterol Mixture in Hypercholesterolemia-Relevant Proportion Causes Oxidative Stress-Dependent Eryptosis. Cellular Physiology and Biochemistry, 2014, 34, 1075-1089.	1.1	108
491	Endoplasmic Reticulum Stress Effector CCAAT/Enhancerâ€binding Protein Homologous Protein (CHOP) Regulates Chronic Kidney Diseaseâ€“Induced Vascular Calcification. Journal of the American Heart Association, 2014, 3, e000949.	1.6	49
492	7-Ketocholesterol inhibits isocitrate dehydrogenase 2 expression and impairs endothelial function via microRNA-144. Free Radical Biology and Medicine, 2014, 71, 1-15.	1.3	31
493	Oxysterols and symptomatic versus asymptomatic human atherosclerotic plaque. Biochemical and Biophysical Research Communications, 2014, 446, 709-713.	1.0	32
494	Preanalytical standardization for reactive oxygen species derived oxysterol analysis in human plasma by liquid chromatographyâ€“tandem mass spectrometry. Biochemical and Biophysical Research Communications, 2014, 446, 726-730.	1.0	27

#	Article	IF	Citations
495	Increased serum oxysterol concentrations in patients with chronic hepatitis C virus infection. Biochemical and Biophysical Research Communications, 2014, 446, 736-740.	1.0	37
496	7-Hydroxycholestrol as a possible biomarker of cellular lipid peroxidation: Difference between cellular and plasma lipid peroxidation. Biochemical and Biophysical Research Communications, 2014, 446, 741-744.	1.0	18
497	Potential of gas chromatographyâ€“atmospheric pressure chemical ionizationâ€“time-of-flight mass spectrometry for the determination of sterols in human plasma. Biochemical and Biophysical Research Communications, 2014, 446, 751-755.	1.0	10
498	Microbubble-mediated sonoporation amplified lipid peroxidation of Jurkat cells. Chemistry and Physics of Lipids, 2014, 180, 53-60.	1.5	29
499	Neuropathy and the vascular-bone axis in diabetes: lessons from Charcot osteoarthropathy. Osteoporosis International, 2014, 25, 1197-1207.	1.3	31
500	ATP-Binding Cassette Transporters, Atherosclerosis, and Inflammation. Circulation Research, 2014, 114, 157-170.	2.0	206
501	Identification and Characterization of Small Molecule Modulators of the Epsteinâ€“Barr Virus-Induced Gene 2 (EBI2) Receptor. Journal of Medicinal Chemistry, 2014, 57, 3358-3368.	2.9	49
502	25-Hydroxycholesterols in innate and adaptive immunity. Nature Reviews Immunology, 2014, 14, 731-743.	10.6	296
503	Involvement of oxysterols in age-related diseases and ageing processes. Ageing Research Reviews, 2014, 18, 148-162.	5.0	164
504	Molecular cloning, expression profile and transcriptional modulation of two splice variants of very low density lipoprotein receptor during ovarian follicle development in geese (Anser cygnoide). Animal Reproduction Science, 2014, 149, 281-296.	0.5	16
505	Absence of Nceh1 augments 25-hydroxycholesterol-induced ER stress and apoptosis in macrophages. Journal of Lipid Research, 2014, 55, 2082-2092.	2.0	38
506	Structural characterization of human cholesterol 7Î±-hydroxylase. Journal of Lipid Research, 2014, 55, 1925-1932.	2.0	26
507	Atherosclerosis and Alzheimer - diseases with a common cause? Inflammation, oxysterols, vasculature. BMC Geriatrics, 2014, 14, 36.	1.1	109
508	Sample preparation: A critical step in the analysis of cholesterol oxidation products. Food Chemistry, 2014, 145, 918-926.	4.2	20
509	Reactivities and Products of Free Radical Oxidation of Cholestadienols. Journal of the American Chemical Society, 2014, 136, 5443-5450.	6.6	25
510	3Î²,5Î±,6Î²-Cholestanetriol and 25-hydroxycholesterol accumulate in ATP-binding cassette transporter G1 (ABCG1)-deficiency. Atherosclerosis, 2014, 235, 122-129.	0.4	13
511	The Cholesterol Metabolite 27-Hydroxycholesterol Promotes Atherosclerosis via Proinflammatory Processes Mediated by Estrogen Receptor Alpha. Cell Metabolism, 2014, 20, 172-182.	7.2	147
512	Singlet molecular oxygen generated by biological hydroperoxides. Journal of Photochemistry and Photobiology B: Biology, 2014, 139, 24-33.	1.7	120

#	Article	IF	Citations
513	Dietary indicaxanthin from cactus pear (Opuntia ficus-indica L. Mill) fruit prevents eryptosis induced by oxysterols in a hypercholesterolaemia-relevant proportion and adhesion of human erythrocytes to endothelial cell layers. British Journal of Nutrition, 2015, 114, 368-375.	1.2	30
514	Cholesterol Oxidation in Fish and Fish Products. Journal of Food Science, 2015, 80, R2627-39.	1.5	19
515	Phytosterol oxidation products in enriched foods: Occurrence, exposure, and biological effects. Molecular Nutrition and Food Research, 2015, 59, 1339-1352.	1.5	56
516	Theoretical study on the oxidative damage to cholesterol induced by peroxyl radicals. Journal of Physical Organic Chemistry, 2015, 28, 504-508.	0.9	14
517	Lysosomal acid lipase: at the crossroads of normal and atherogenic cholesterol metabolism. Frontiers in Cell and Developmental Biology, 2015, 3, 3.	1.8	102
518	Chemistry of Lipid Peroxidation Products and Their Use as Biomarkers in Early Detection of Diseases. Journal of Oleo Science, 2015, 64, 347-356.	0.6	37
519	Analysis of Intact Cholesteryl Esters of Furan Fatty Acids in Cod Liver. Lipids, 2015, 50, 611-620.	0.7	25
520	Pigments in Fruits and Vegetables. , 2015, , .		20
521	Cholesterol under oxidative stressâ€"How lipid membranes sense oxidation as cholesterol is being replaced by oxysterols. Free Radical Biology and Medicine, 2015, 84, 30-41.	1.3	57
522	Indicaxanthin Dietetics: Past, Present, and Future. , 2015, , 141-163.		5
523	27-Hydroxycholesterol contributes to disruptive effects on learning and memory by modulating cholesterol metabolism in the rat brain. Neuroscience, 2015, 300, 163-173.	1.1	35
524	7Î±-Hydroxycholesterol Elicits TLR6-Mediated Expression of IL-23 in Monocytic Cells. Biomolecules and Therapeutics, 2015, 23, 84-89.	1.1	10
525	Tunneling in tocopherol-mediated peroxidation of 7-dehydrocholesterol. Organic and Biomolecular Chemistry, 2015, 13, 1249-1253.	1.5	12
526	Free radical oxidation of cholesterol and its precursors: Implications in cholesterol biosynthesis disorders. Free Radical Research, 2015, 49, 835-849.	1.5	61
527	7-Ketocholesterol induces the reduction of KCNMB1 in atherosclerotic blood vessels. Biochemical and Biophysical Research Communications, 2015, 457, 324-327.	1.0	12
528	CD1d serves as a surface receptor for oxidized cholesterol induction of peroxisome proliferator-activated receptor-Î³. Atherosclerosis, 2015, 239, 224-231.	0.4	4
529	Human native, enzymatically modified and oxidized low density lipoproteins show different lipidomic pattern. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 299-306.	1.2	10
530	Sterol metabolism controls TH17 differentiation by generating endogenous RORÎ³ agonists. Nature Chemical Biology, 2015, 11, 141-147.	3.9	194

#	Article	IF	Citations
531	27-Hydroxycholesterol up-regulates CD14 and predisposes monocytic cells to superproduction of CCL2 in response to lipopolysaccharide. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 442-450.	1.8	20
532	Does the oxysterol 27-hydroxycholesterol underlie Alzheimer's diseaseâ€“Parkinson's disease overlap?. Experimental Gerontology, 2015, 68, 13-18.	1.2	65
533	7-Ketocholesterol and 5,6-secosterol induce human endothelial cell dysfunction by differential mechanisms. Steroids, 2015, 99, 204-211.	0.8	37
534	Oxysterols: Influence on plasma membrane rafts microdomains and development of ocular diseases. Steroids, 2015, 99, 259-265.	0.8	19
535	27-Oxygenated cholesterol induces expression of CXCL8 in macrophages via NF-Î¹B and CD88. Biochemical and Biophysical Research Communications, 2015, 463, 1152-1158.	1.0	14
536	Validation of an isotope dilution gas chromatographyâ€“mass spectrometry method for combined analysis of oxysterols and oxyphytosterols in serum samples. Steroids, 2015, 99, 139-150.	0.8	30
537	Development of a Reliable Analytical Protocol for the Isolation of Cholesterol Oxidation Productsâ€”a Comparison of Different Lipid Extraction and Saponification Methods. Food Analytical Methods, 2015, 8, 1499-1507.	1.3	6
538	Enhancement of lipid peroxidation and its amelioration by vitamin E in a subject with mutations in the SBP2 gene. Journal of Lipid Research, 2015, 56, 2172-2182.	2.0	30
539	The Essential Role of Cholesterol Metabolism in the Intracellular Survival of Mycobacterium leprae Is Not Coupled to Central Carbon Metabolism and Energy Production. Journal of Bacteriology, 2015, 197, 3698-3707.	1.0	33
540	Antioxidative and Antidiabetic Effects of Natural Polyphenols and Isoflavones. Molecules, 2016, 21, 708.	1.7	185
541	Modified Lipids and Lipoproteins in Chronic Kidney Disease: A New Class of Uremic Toxins. Toxins, 2016, 8, 376.	1.5	79
542	Novel approach to fast determination of cholesterol oxidation products in Cypriot foodstuffs using ultra-performance liquid chromatography-tandem mass spectrometry. Electrophoresis, 2016, 37, 1101-1108.	1.3	8
543	25-Hydroxycholesterol impairs endothelial function and vasodilation by uncoupling and inhibiting endothelial nitric oxide synthase. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E781-E790.	1.8	36
544	Obesity is associated with changes in oxysterol metabolism and levels in mice liver, hypothalamus, adipose tissue and plasma. Scientific Reports, 2016, 6, 19694.	1.6	54
545	Regular treadmill exercise inhibits mitochondrial accumulation of cholesterol and oxysterols during myocardial ischemia-reperfusion in wild-type and ob/ob mice. Free Radical Biology and Medicine, 2016, 101, 317-324.	1.3	23
546	Fluoro analogs of bioactive oxy-sterols: Synthesis of an EBI2 agonist with enhanced metabolic stability. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4888-4891.	1.0	3
547	ORP4L Facilitates Macrophage Survival via G-Proteinâ€“Coupled Signaling. Circulation Research, 2016, 119, 1296-1312.	2.0	26
548	Current Knowledge about Oxysterols: A Review. Journal of Food Science, 2016, 81, R2299-R2308.	1.5	58

#	Article	IF	Citations
549	25-hydroxycholesterol contributes to cerebral inflammation of X-linked adrenoleukodystrophy through activation of the NLRP3 inflammasome. Nature Communications, 2016, 7, 13129.	5.8	124
550	Ezetimibe reduced hepatic steatosis induced by dietary oxysterols in nonhuman primates. FEBS Open Bio, 2016, 6, 1008-1015.	1.0	4
551	Lipid droplet-associated proteins in atherosclerosis (Review). Molecular Medicine Reports, 2016, 13, 4527-4534.	1.1	50
552	The pathophysiological role of oxidized cholesterols in epicardial fat accumulation and cardiac dysfunction: a study in swine fed a high caloric diet with an inhibitor of intestinal cholesterol absorption, ezetimibe. Journal of Nutritional Biochemistry, 2016, 35, 66-73.	1.9	15
553	27-Hydroxycholesterol accelerates cellular senescence in human lung resident cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L1028-L1041.	1.3	19
554	Lovastatin reversed the enhanced sphingomyelin caused by 27-hydroxycholesterol in cultured vascular endothelial cells. Biochemistry and Biophysics Reports, 2016, 5, 127-133.	0.7	3
555	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
556	Oxysterols: Old Tale, New Twists. Annual Review of Pharmacology and Toxicology, 2016, 56, 447-467.	4.2	102
557	Cholesterol oxidation products and their biological importance. Chemistry and Physics of Lipids, 2016, 199, 144-160.	1.5	130
558	27-Hydroxycholesterol stimulates cell proliferation and resistance to docetaxel-induced apoptosis in prostate epithelial cells. Medical Oncology, 2016, 33, 12.	1.2	27
559	Re-adopting classical nuclear receptors by cholesterol metabolites. Journal of Steroid Biochemistry and Molecular Biology, 2016, 157, 20-26.	1.2	17
560	Role of lipids in the metabolism and activation of immune cells. Journal of Nutritional Biochemistry, 2016, 34, 1-7.	1.9	171
561	Consumption of Red/Processed Meat and Colorectal Carcinoma: Possible Mechanisms Underlying the Significant Association. Critical Reviews in Food Science and Nutrition, 2016, 56, 614-634.	5.4	30
562	7-Ketocholesterol overcomes drug resistance in chronic myeloid leukemia cell lines beyond MDR1 mechanism. Journal of Proteomics, 2017, 151, 12-23.	1.2	22
563	Oxysterols and 4-hydroxy-2-nonenal contribute to atherosclerotic plaque destabilization. Free Radical Biology and Medicine, 2017, 111, 140-150.	1.3	44
564	Genotoxicity of lipid oxidation compounds. Free Radical Biology and Medicine, 2017, 111, 244-252.	1.3	53
565	Propagation rate constants for the peroxidation of sterols on the biosynthetic pathway to cholesterol. Chemistry and Physics of Lipids, 2017, 207, 51-58.	1.5	22
566	Current smokers with hyperlipidemia lack elevated preÎ²1-high-density lipoprotein concentrations. Journal of Clinical Lipidology, 2017, 11, 242-249.	0.6	4

#	Article	IF	Citations
567	Angiotensin-II-induced Muscle Wasting is Mediated by 25-Hydroxycholesterol via GSK3Î² Signaling Pathway. EBioMedicine, 2017, 16, 238-250.	2.7	26
568	27-Hydroxycholesterol regulates cholesterol synthesis and transport in C6 glioma cells. NeuroToxicology, 2017, 59, 88-97.	1.4	39
569	Dual signaling evoked by oxidized LDLs in vascular cells. Free Radical Biology and Medicine, 2017, 106, 118-133.	1.3	79
570	7-ketocholesterol induces apoptosis of MC3T3-E1 cells associated with reactive oxygen species generation, endoplasmic reticulum stress and caspase-3/7 dependent pathway. Molecular Genetics and Metabolism Reports, 2017, 10, 56-60.	0.4	17
571	Maternal 27-hydroxycholesterol concentrations during the course of pregnancy and in pregnancy pathologies. BMC Pregnancy and Childbirth, 2017, 17, 106.	0.9	5
572	Comparison of the effects of major fatty acids present in the Mediterranean diet (oleic acid,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf oxiapoptophagy in microglial BV-2 cells. Chemistry and Physics of Lipids, 2017, 207, 151-170.	1.5	58
573	Plasma 7-ketocholesterol levels and the risk of incident cardiovascular events. Heart, 2017, 103, 1788-1794.	1.2	26
574	Impact of 27-hydroxylase (CYP27A1) and 27-hydroxycholesterol in breast cancer. Endocrine-Related Cancer, 2017, 24, 339-349.	1.6	72
575	27-Hydroxycholesterol upregulates the production of heat shock protein 60 of monocytic cells. Journal of Steroid Biochemistry and Molecular Biology, 2017, 172, 29-35.	1.2	8
576	Mitochondrial Oxidative Stress Promotes Atherosclerosis and Neutrophil Extracellular Traps in Aged Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e99-e107.	1.1	79
577	Association of Plasma 7-Ketocholesterol With Cardiovascular Outcomes and Total Mortality in Patients With Coronary Artery Disease. Circulation Research, 2017, 120, 1622-1631.	2.0	46
580	25-Hydroxycholesterol Protects Host against Zika Virus Infection and Its Associated Microcephaly in a Mouse Model. Immunity, 2017, 46, 446-456.	6.6	276
581	Ezetimibe in Combination With Statins Ameliorates Endothelial Dysfunction in Coronary Arteries After Stenting. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 350-358.	1.1	36
583	The ROS-mediated activation of IL-6/STAT3 signaling pathway is involved in the 27-hydroxycholesterol-induced cellular senescence in nerve cells. Toxicology in Vitro, 2017, 45, 10-18.	1.1	43
585	The good side of cholesterol: a requirement for maintenance of intestinal integrity. Journal of Lipid Research, 2017, 58, 1935-1936.	2.0	3
586	Olive Oil Phenolics Prevent Oxysterolâ€Induced Proinflammatory Cytokine Secretion and Reactive Oxygen Species Production in Human Peripheral Blood Mononuclear Cells, Through Modulation of p38 and JNK Pathways. Molecular Nutrition and Food Research, 2017, 61, 1700283.	1.5	27
587	27-Hydroxycholesterol, an endogenous selective estrogen receptor modulator. Maturitas, 2017, 104, 29-35.	1.0	44
588	25-Hydroxycholesterol induces both P2X7-dependent pyroptosis and caspase-dependent apoptosis in human skin model: New insights into degenerative pathways. Chemistry and Physics of Lipids, 2017, 207, 171-178.	1.5	25

#	Article	IF	Citations
589	27-hydroxycholesterol: A novel player in molecular carcinogenesis of breast and prostate cancer. Chemistry and Physics of Lipids, 2017, 207, 108-126.	1.5	41
590	Outside-in, inside-out: Proteomic analysis of endothelial stress mediated by 7-ketocholesterol. Chemistry and Physics of Lipids, 2017, 207, 231-238.	1.5	20
591	Bile acid synthesis precursors in subjects with genetic hypercholesterolemia negative for LDLR/APOB/PCSK9/APOE mutations. Association with lipids and carotid atherosclerosis. Journal of Steroid Biochemistry and Molecular Biology, 2017, 169, 226-233.	1.2	6
592	Nutritional Aspects of Cheese. , 2017, , 603-611.		7
593	ABC Transport Proteins in Cardiovascular Diseaseâ€"A Brief Summary. Molecules, 2017, 22, 589.	1.7	78
594	Current knowledge on the mechanism of atherosclerosis and pro-atherosclerotic properties of oxysterols. Lipids in Health and Disease, 2017, 16, 188.	1.2	93
595	Soy-Leaf Extract Exerts Atheroprotective Effects via Modulation of KrÃ¼ppel-Like Factor 2 and Adhesion Molecules. International Journal of Molecular Sciences, 2017, 18, 373.	1.8	26
596	PI3K and ERK signaling pathways are involved in differentiation of monocytic cells induced by 27-hydroxycholesterol. Korean Journal of Physiology and Pharmacology, 2017, 21, 301.	0.6	9
597	Lipid-Lowering Therapy With Ezetimibe Decreases Spontaneous Atherothrombotic Occlusions in a Rabbit Model of Plaque Erosion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 757-771.	1.1	21
598	27â€Hydroxycholesterol Inhibits Sterol Regulatory Elementâ€Binding Protein 1 Activation and Hepatic Lipid Accumulation in Mice. Obesity, 2018, 26, 713-722.	1.5	17
599	7-Oxygenated cholesterol molecules differentially affect the expression of zonula occludens-1 in vascular smooth muscle cells and monocyte/macrophage cells. Biochemical and Biophysical Research Communications, 2018, 497, 521-526.	1.0	4
600	Effect of 25-hydroxycholesterol in viral membrane fusion: Insights on HIV inhibition. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1171-1178.	1.4	24
601	Saturated Fats from Butter but Not from Cheese Increase HDL-Mediated Cholesterol Efflux Capacity from J774 Macrophages in Men and Women with Abdominal Obesity. Journal of Nutrition, 2018, 148, 573-580.	1.3	18
602	7â€Ketocholesterol impairs phagocytosis and efferocytosis via dysregulation of phosphatidylinositol 4,5â€bisphosphate. Traffic, 2018, 19, 591-604.	1.3	7
603	Bobbing of Oxysterols: Molecular Mechanism for Translocation of Tail-Oxidized Sterols through Biological Membranes. Journal of Physical Chemistry Letters, 2018, 9, 1118-1123.	2.1	24
604	Scutellarin protects against vascular endothelial dysfunction and prevents atherosclerosis via antioxidation. Phytomedicine, 2018, 42, 66-74.	2.3	58
605	18F-FDG for imaging microvascular injury. Journal of Nuclear Cardiology, 2018, 25, 441-442.	1.4	2
606	7-Ketocholesterol induces ROS-mediated mRNA expression of 12-lipoxygenase, cyclooxygenase-2 and pro-inflammatory cytokines in human mesangial cells: Potential role in diabetic nephropathy. Prostaglandins and Other Lipid Mediators, 2018, 134, 16-23.	1.0	19

#	Article	IF	Citations
607	Desarrollo de un mÃ©todo analÃtico de preparaciÃ³n de muestras de alimentos para determinar Ã³xidos de colesterol (COP) mediante cromatografÃa. Revista Colombiana De Quimica, 2018, 47, 41-51.	0.2	0
608	Sterol Metabolism and Transport in Atherosclerosis and Cancer. Frontiers in Endocrinology, 2018, 9, 509.	1.5	39
609	Oxysterols and Retinal Degeneration in a Rat Model of Smith-Lemli-Opitz Syndrome: Implications for an Improved Therapeutic Intervention. Molecules, 2018, 23, 2720.	1.7	10
610	Plasma levels of the oxyphytosterol 7Î±-hydroxycampesterol are associated with cardiovascular events. Atherosclerosis, 2018, 279, 17-22.	0.4	20
611	Oxysterols Increase Inflammation, Lipid Marker Levels and Reflect Accelerated Endothelial Dysfunction in Experimental Animals. Mediators of Inflammation, 2018, 2018, 1-9.	1.4	13
612	27-hydroxycholesterol decreases cell proliferation in colon cancer cell lines. Biochimie, 2018, 153, 171-180.	1.3	35
613	How do oxyphytosterols affect human health?. Trends in Food Science and Technology, 2018, 79, 148-159.	7.8	21
614	Prevention of 7-ketocholesterol-induced side effects by natural compounds. Critical Reviews in Food Science and Nutrition, 2019, 59, 3179-3198.	5.4	42
615	11Î²-Hydroxysteroid dehydrogenases control access of 7Î²,27-dihydroxycholesterol to retinoid-related orphan receptor Î³. Journal of Lipid Research, 2019, 60, 1535-1546.	2.0	23
616	The acidic pathway of bile acid synthesis: Not just an alternative pathway. Liver Research, 2019, 3, 88-98.	0.5	88
617	Antiviral oxysterols are present in human milk at diverse stages of lactation. Journal of Steroid Biochemistry and Molecular Biology, 2019, 193, 105424.	1.2	21
618	Myeloid Acat1/Soat1 KO attenuates pro-inflammatory responses in macrophages and protects against atherosclerosis in a model of advanced lesions. Journal of Biological Chemistry, 2019, 294, 15836-15849.	1.6	20
619	27-Hydroxycholesterol Promotes Adiposity and Mimics Adipogenic Diet-Induced Inflammatory Signaling. Endocrinology, 2019, 160, 2485-2494.	1.4	17
621	Serum Concentration of Plant Sterol Oxidation Products (POP) Compared to Cholesterol Oxidation Products (COP) after Intake of Oxidized Plant Sterols: A Randomised, Placebo-Controlled, Double-Blind Doseâ€'Response Pilot Study. Nutrients, 2019, 11, 2319.	1.7	7
622	Oxysterols and nuclear receptors. Molecular and Cellular Endocrinology, 2019, 484, 42-51.	1.6	55
623	Oxysterols as a biomarker in diseases. Clinica Chimica Acta, 2019, 491, 103-113.	0.5	53
624	Omics analysis of oxysterols to better understand their pathophysiological role. Free Radical Biology and Medicine, 2019, 144, 55-71.	1.3	28
625	Cholesterol Degradation and Production of Extracellular Cholesterol Oxidase fromBacillus pumilusW1 andSerratia marcescensW8. BioMed Research International, 2019, 2019, 1-9.	0.9	9

#	Article	IF	Citations
626	Metabolism of Non-Enzymatically Derived Oxysterols: Clues from sterol metabolic disorders. Free Radical Biology and Medicine, 2019, 144, 124-133.	1.3	39
627	Effect of Linseed Supplementation on Total Longissimus Muscle Lipid Composition and Shelf-Life of Beef From Young Maremmana Bulls. Frontiers in Veterinary Science, 2018, 5, 326.	0.9	16
628	ABCA1 and metabolic syndrome; a review of the ABCA1 role in HDL-VLDL production, insulin-glucose homeostasis, inflammation andÂobesity. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 1529-1534.	1.8	47
629	Cardiovascular Disease and Cancer: Is There Increasing Overlap?. Current Oncology Reports, 2019, 21, 47.	1.8	43
630	Cyclosporin A inhibits differentiation and activation of monocytic cells induced by 27-hydroxycholesterol. International Immunopharmacology, 2019, 69, 358-367.	1.7	12
631	The Oxysterol 7-Ketocholesterol Reduces Zika Virus Titers in Vero Cells and Human Neurons. Viruses, 2019, 11, 20.	1.5	61
632	7-Ketocholesterol and 7Î²-hydroxycholesterol: In vitro and animal models used to characterize their activities and to identify molecules preventing their toxicity. Biochemical Pharmacology, 2020, 173, 113648.	2.0	48
634	7-Ketocholesterol in disease and aging. Redox Biology, 2020, 29, 101380.	3.9	104
635	On the Products of Cholesterol Autoxidation in Phospholipid Bilayers and the Formation of Secosterols Derived Therefrom. Angewandte Chemie - International Edition, 2020, 59, 2089-2094.	7.2	8
636	Oxidation and Reduction of Biological Material. , 2020, , 55-97.		0
637	Diverse Immunoregulatory Roles of Oxysterolsâ€"The Oxidized Cholesterol Metabolites. Metabolites, 2020, 10, 384.	1.3	28
638	Identification and visualization of oxidized lipids in atherosclerotic plaques by microscopic imaging mass spectrometry-based metabolomics. Atherosclerosis, 2020, 311, 1-12.	0.4	6
639	Measuring Oxidants and Oxidative Stress in Biological Systems. Biological Magnetic Resonance, 2020, , .	0.4	5
640	Safety and feasibility of arterial wall targeting with robot-assisted high intensity focused ultrasound: a preclinical study. International Journal of Hyperthermia, 2020, 37, 903-912.	1.1	11
641	Sexâ€opposed inflammatory effects of 27â€hydroxycholesterol are mediated via differences in estrogen signaling. Journal of Pathology, 2020, 251, 429-439.	2.1	9
642	Phytosterols and their derivatives: Potential healthâ€promoting uses against lipid metabolism and associated diseases, mechanism, and safety issues. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 1243-1267.	5.9	72
644	27-Hydroxycholesterol contributes to cognitive deficits in APP/PS1 transgenic mice through microbiota dysbiosis and intestinal barrier dysfunction. Journal of Neuroinflammation, 2020, 17, 199.	3.1	52
645	5Î±,6Î±-Epoxyphytosterols and 5Î±,6Î±-Epoxycholesterol Increase Nitrosative Stress and Inflammatory Cytokine Production in Rats on Low-Cholesterol Diet. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-9.	1.9	6

#	Article	IF	Citations
646	Esterification of 4Î²-hydroxycholesterol and other oxysterols in human plasma occurs independently of LCAT. Journal of Lipid Research, 2020, 61, 1287-1299.	2.0	9
647	On the Products of Cholesterol Autoxidation in Phospholipid Bilayers and the Formation of Secosterols Derived Therefrom. Angewandte Chemie, 2020, 132, 2105-2110.	1.6	0
648	25-Hydroxycholesterol Inhibits Adipogenic Differentiation of C3H10T1/2 Pluripotent Stromal Cells. International Journal of Molecular Sciences, 2020, 21, 412.	1.8	8
649	Association between lifestyle, dietary, reproductive, and anthropometric factors and circulating 27-hydroxycholesterol in EPIC-Heidelberg. Cancer Causes and Control, 2020, 31, 181-192.	0.8	8
650	Optimization of mass spectrometry settings for steroidomic analysis in young and old killifish. Analytical and Bioanalytical Chemistry, 2020, 412, 4089-4099.	1.9	8
651	Oxysterols: From physiological tuners to pharmacological opportunities. British Journal of Pharmacology, 2021, 178, 3089-3103.	2.7	49
652	Development and Application of a Peroxyl Radical Clock Approach for Measuring Both Hydrogen-Atom Transfer and Peroxyl Radical Addition Rate Constants. Journal of Organic Chemistry, 2021, 86, 153-168.	1.7	17
653	Hybrid 213Ânm photodissociation of cationized Sterol lipid ions yield [M]+. Radical products for improved structural characterization using multistage tandem mass spectrometry. Analytica Chimica Acta, 2021, 1141, 100-109.	2.6	16
654	Oat fiber attenuates circulating oxysterols levels and hepatic inflammation via targeting TLR4 signal pathway in LDL receptor knockout mice. Journal of Functional Foods, 2021, 76, 104322.	1.6	3
655	Natural products as modulators of retinoic acid receptor-related orphan receptors (RORs). Natural Product Reports, 2021, 38, 757-781.	5.2	26
657	Chirality affects cholesterol-oxysterol association in water, a computational study. Computational and Structural Biotechnology Journal, 2021, 19, 4319-4335.	1.9	2
658	Interactions of Oxysterols with Atherosclerosis Biomarkers in Subjects with Moderate Hypercholesterolemia and Effects of a Nutraceutical Combination (Bifidobacterium longum BB536, Red) Tj ETQq1 1 0.784314 rgBT /O		
659	Regulation of glycolytic genes in human macrophages by oxysterols: a potential role for liver X receptors. British Journal of Pharmacology, 2021, 178, 3124-3139.	2.7	9
660	Cholesterol metabolism pathways â€“ are the intermediates more important than the products?. FEBS Journal, 2021, 288, 3727-3745.	2.2	28
661	Up-regulation of PCSK6 by lipid oxidation products: A possible role in atherosclerosis. Biochimie, 2021, 181, 191-203.	1.3	12
662	27-Hydroxycholesterol induces macrophage gene expression via LXR-dependent and -independent mechanisms. Korean Journal of Physiology and Pharmacology, 2021, 25, 111-118.	0.6	3
663	25-Hydroxycholesterol Effect on Membrane Structure and Mechanical Properties. International Journal of Molecular Sciences, 2021, 22, 2574.	1.8	13
664	Development of a Biomaterial Scaffold Integrated with Osteoinductive Oxysterol Liposomes to Enhance Hedgehog Signaling and Bone Repair. Molecular Pharmaceutics, 2021, 18, 1677-1689.	2.3	19

#	Article	IF	Citations
665	Dietary Oxysterol, 7-Ketocholesterol Accelerates Hepatic Lipid Accumulation and Macrophage Infiltration in Obese Mice. Frontiers in Endocrinology, 2020, 11, 614692.	1.5	11
666	Quantitative Evaluation of Oxidative Stability of Biomembrane Lipids in the Presence of Vitamin E. JAOCS, Journal of the American Oil Chemists' Society, 2021, 98, 567-579.	0.8	3
667	Effect of Sodium Selenite, Selenium Yeast, and Bacterial Enriched Protein on Chicken Egg Yolk Color, Antioxidant Profiles, and Oxidative Stability. Foods, 2021, 10, 871.	1.9	17
668	Lipid peroxidation products as a mediator of toxicity and adaptive response â€“ The regulatory role of selenoprotein and vitamin E. Archives of Biochemistry and Biophysics, 2021, 703, 108840.	1.4	11
669	Our evolving understanding of how 27-hydroxycholesterol influences cancer. Biochemical Pharmacology, 2022, 196, 114621.	2.0	21
670	Different types of cell death in vascular diseases. Molecular Biology Reports, 2021, 48, 4687-4702.	1.0	6
671	Atherogenic oxoaldehyde of cholesterol induces innate immune response in monocytes and macrophages. Cell Biochemistry and Biophysics, 2021, 79, 649-658.	0.9	1
672	Efficacy of Chocolate on Hypercholestrolemic Rats. International Journal of Scientific Research in Science and Technology, 2021, , 332-340.	0.1	0
673	Oxysterol species generated by auto-oxidation in subclinical hypothyroidism. Clinical Biochemistry, 2021, 93, 73-79.	0.8	1
674	Oxysterols as therapeutic targets. British Journal of Pharmacology, 2021, 178, 3085-3088.	2.7	2
675	Dysregulated cholesterol homeostasis results in resistance to ferroptosis increasing tumorigenicity and metastasis in cancer. Nature Communications, 2021, 12, 5103.	5.8	111
676	Hypercholesterolemia Impairs Clearance of Neutrophil Extracellular Traps and Promotes Inflammation and Atherosclerotic Plaque Progression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2598-2615.	1.1	16
677	7-ketocholesterol enhances autophagy via the ROS-TFEB signaling pathway in osteoclasts. Journal of Nutritional Biochemistry, 2021, 96, 108783.	1.9	15
678	Modulation of 11Î²-hydroxysteroid dehydrogenase functions by the cloud of endogenous metabolites in a local microenvironment: The glycyrrhetinic acid-like factor (GALF) hypothesis. Journal of Steroid Biochemistry and Molecular Biology, 2021, 214, 105988.	1.2	5
679	Suicidal Erythrocyte Death in Metabolic Syndrome. Antioxidants, 2021, 10, 154.	2.2	18
680	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142	4.3	1,430
682	Oxysterols: Formation and Biological Function. , 2006, , 641-674.		15
683	Phytosterolemia. , 2007, , 291-319.		1

#	Article	IF	Citations
684	Oxysterols. , 2020, , 1-6.		1
685	Flavonoids Ability to Disrupt Inflammation Mediated by Lipid and Cholesterol Oxidation. Advances in Experimental Medicine and Biology, 2019, 1161, 243-253.	0.8	9
686	â€˜Ozone-Specificâ€™ Oxysterols and Neuronal Cell Signaling. Biological Magnetic Resonance, 2020, , 109-122.	0.4	2
687	Targeting of Heat Shock Proteins by Natural Products in Cancer. , 2017, , 173-192.		4
688	Oxysterols and Oxysterol-Binding Proteins in Cellular Lipid Metabolism. , 2009, , 27-71.		3
689	Quantitative Analysis of Lipid Peroxidation Products Using Mass Spectrometry. , 2011, , 877-884.		3
690	ORP2, a homolog of oxysterol binding protein, regulates cellular cholesterol metabolism. Journal of Lipid Research, 2002, 43, 245-255.	2.0	71
691	Induction of monocyte differentiation and foam cell formation in vitro by 7-ketocholesterol. Journal of Lipid Research, 2002, 43, 26-35.	2.0	115
692	Oxidized plant sterols in human serum and lipid infusions as measured by combined gas-liquid chromatography-mass spectrometry. Journal of Lipid Research, 2001, 42, 2030-2038.	2.0	85
693	The OSBP-related protein family in humans. Journal of Lipid Research, 2001, 42, 1203-1213.	2.0	177
694	A specific ligand for Î²2-glycoprotein I mediates autoantibody-dependent uptake of oxidized low density lipoprotein by macrophages. Journal of Lipid Research, 2001, 42, 697-709.	2.0	125
695	Lysosomal cholesterol derived from mildly oxidized low density lipoprotein is resistant to efflux. Journal of Lipid Research, 2001, 42, 317-327.	2.0	62
696	Structure and functions of human oxysterol 7Î±-hydroxylase cDNAs and gene CYP7B1. Journal of Lipid Research, 1999, 40, 2195-2203.	2.0	117
697	Family of human oxysterol binding protein (OSBP) homologues: a novel member implicated in brain sterol metabolism. Journal of Lipid Research, 1999, 40, 2204-2211.	2.0	41
698	Oxysterol efflux from macrophage foam cells: the essential role of acceptor phospholipid. Journal of Lipid Research, 1999, 40, 1636-1646.	2.0	43
699	Rapid hepatic metabolism of 7-ketocholesterol in vivo: implications for dietary oxysterols. Journal of Lipid Research, 1999, 40, 1846-1857.	2.0	68
700	Inflammation, Lipid (Per)oxidation, and Redox Regulation. Antioxidants and Redox Signaling, 2020, 33, 166-190.	2.5	35
701	27-Hydroxycholesterol Alters Synaptic Structural and Functional Plasticity in Hippocampal Neuronal Cultures. Journal of Neuropathology and Experimental Neurology, 2019, 78, 238-247.	0.9	8

#	Article	IF	Citations
702	Nutritional Implications of Replacing Bovine Milk Fat With Vegetable Oil in Infant Formulas. Journal of Pediatric Gastroenterology and Nutrition, 2000, 30, 115-130.	0.9	32
704	Protein oxidation and turnover. , 2000, 7, 357.		1
705	Do oxysterols control cholesterol homeostasis?. Journal of Clinical Investigation, 2002, 110, 725-730.	3.9	178
706	Consequences of cellular cholesterol accumulation: basic concepts and physiological implications. Journal of Clinical Investigation, 2002, 110, 905-911.	3.9	485
707	Do oxysterols control cholesterol homeostasis?. Journal of Clinical Investigation, 2002, 110, 725-730.	3.9	92
708	Consequences of cellular cholesterol accumulation: basic concepts and physiological implications. Journal of Clinical Investigation, 2002, 110, 905-911.	3.9	319
709	Phospholipase C Î²3 deficiency leads to macrophage hypersensitivity to apoptotic induction and reduction of atherosclerosis in mice. Journal of Clinical Investigation, 2008, 118, 195-204.	3.9	69
710	ABCG1 and HDL protect against endothelial dysfunction in mice fed a high-cholesterol diet. Journal of Clinical Investigation, 2008, 118, 3701-3713.	3.9	202
712	ABCG1 rs57137919G>A Polymorphism Is Functionally Associated with Varying Gene Expression and Apoptosis of Macrophages. PLoS ONE, 2014, 9, e97044.	1.1	14
713	Genomics of Post-Prandial Lipidomic Phenotypes in the Genetics of Lipid Lowering Drugs and Diet Network (GOLDN) Study. PLoS ONE, 2014, 9, e99509.	1.1	21
714	Dietary docosahexaenoic acid supplementation prevents the formation of cholesterol oxidation products in arteries from orchidectomized rats. PLoS ONE, 2017, 12, e0185805.	1.1	3
715	Dexamethasone inhibits activation of monocytes/macrophages in a milieu rich in 27-oxygenated cholesterol. PLoS ONE, 2017, 12, e0189643.	1.1	19
716	Determination of 7-ketocholesterol and 7-hydroxycholesterol in meat samples by TLC with densitometric detection. Journal of Planar Chromatography - Modern TLC, 2003, 16, 186-191.	0.6	3
717	A Comprehensive Review on Oxysterols and Related Diseases. Current Medicinal Chemistry, 2020, 28, 110-136.	1.2	47
718	Progress in Nutritional and Health Profile of Milk and Dairy Products: A Novel Drug Target. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2013, 13, 209-233.	0.6	15
719	Activation of the mitochondrial pathway of apoptosis by oxysterols. Frontiers in Bioscience - Landmark, 2007, 12, 791.	3.0	28
720	ABC transporters and cholesterol metabolism. Frontiers in Bioscience - Landmark, 2001, 6, d505.	3.0	32
721	Cholesterol Metabolites 25-Hydroxycholesterol and 25-Hydroxycholesterol 3-Sulfate Are Potent Paired Regulators: From Discovery to Clinical Usage. Metabolites, 2021, 11, 9.	1.3	18

#	Article	IF	Citations
722	Beneficial effect of sulphate-bicarbonate-calcium water on gallstone risk and weight control. World Journal of Gastroenterology, 2012, 18, 930.	1.4	15
723	4'â€Oâ€Methylalpinumisoflavone inhibits the activation of onocytes/macrophages to an immunostimulatory phenotype induced by 27â€hydroxycholesterol. International Journal of Molecular Medicine, 2019, 43, 2177-2186.	1.8	4
724	Impaired lipophagy in endothelial cells with prolonged exposure to oxidized lowâ€density lipoprotein. Molecular Medicine Reports, 2020, 22, 2665-2672.	1.1	8
725	Effect of Dietary Nano-Selenium Supplementation on Selenium Content and Oxidative Stability in Table Eggs and Productive Performance of Laying Hens. International Journal of Poultry Science, 2015, 14, 161-176.	0.6	26
726	Danshen Inhibits Oxysterol-induced Endothelial Cell Apoptosis In Vivo. Journal of Atherosclerosis and Thrombosis, 2005, 12, 132-137.	0.9	17
727	Enhancement of MMP-9 Activity in THP-1 Cells by 7-ketocholesterol and Its Suppression by the HMG-CoA Reductase Inhibitor Fluvastatin. Journal of Atherosclerosis and Thrombosis, 2005, 12, 308-314.	0.9	8
728	Relative Susceptibilities of Linoleates and Cholesterol to Oxidation Assessed by Total Hydroxyoctadecadienoic Acid and 7-Hydroxycholesterol. Journal of Oleo Science, 2008, 57, 407-414.	0.6	4
729	Physiological Significance of Oxidized Cholesterols. Oleoscience, 2012, 12, 115-123.	0.0	2
730	Site of Cholesterol Oxidation Impacts Its Localization and Domain Formation in the Neuronal Plasma Membrane. ACS Chemical Neuroscience, 2021, 12, 3873-3884.	1.7	4
731	Miconazole Suppresses 27-Hydroxycholesterol-induced Inflammation by Regulating Activation of Monocytic Cells to a Proinflammatory Phenotype. Frontiers in Pharmacology, 2021, 12, 691019.	1.6	5
732	Changes in the plasma lipidome of healthy subjects after coffee consumption reveal potential cardiovascular benefits: A randomized controlled trial. Free Radical Biology and Medicine, 2021, 176, 345-355.	1.3	13
733	Oxidized Autoantigens in Atherosclerosis. , 2001, , 143-150.		0
734	Extraction and Purification of Cholesterol Oxidation Products. , 2002, , .		2
735	Origin and Content of Cholesterol Oxidation Products in Biological Samples. , 2002, , .		1
736	Cholesterol Oxidation Products and Atherosclerosis. , 2002, , .		4
738	Oxidized Products of Cholesterol. Reviews in Food and Nutrition Toxicity, 2005, , .	0.0	0
739	PROPOSED MECHANISMS OF ACTION. , 2005, , 514-514.		0
740	Dietary Fats and Coronary Heart Disease. Food Additives, 2008, , .	0.1	0

#	Article	IF	Citations
741	Tocotrienols in Altering the Expression of Adhesion Molecules. , 2008, , 149-158.		0
743	Negative modulation of alkaline phosphatase and creatine kinase by homobrassinolide.. International Journal of Drug Delivery, 2010, 2, 258-264.	0.2	0
744	Relatioship Between Serum 7-Ketocholesterol Concentrations and Coronary Artery Disease. , 0, , .		0
745	Effects of White Mulberry (Morus alba) Leaves on Blood Vessel Reactivity in Hyperchloesterolemic Rats. Han'gug Sigpum Wi'saeng Anjeonseong Haghoeji, 2013, 28, 195-201.	0.1	0
746	7-Ketocholesterol Induces Vascular Smooth Muscle Cell Apoptosis via Akt Degradation. Journal of Life Science, 2016, 26, 226-233.	0.2	0
747	The effect of effort test on the levels of ischemia modified albumin, 7-ketocholesterol and cholestan-3Î² , 5Î± , 6Î² -triol and their role in the diagnosis of coronary artery disease. Journal of Medical Biochemistry, 2019, 38, 249-255.	0.7	3
749	27â€Hydroxycholesterol regulates human SLC22A12 gene expression through estrogen receptor action. FASEB Journal, 2021, 35, e21262.	0.2	10
750	Intestinally Active Therapies for Hypercholesterolemia: Ezetimibe, Bile Acid Resins, and Plant Sterols. Contemporary Cardiology, 2021, , 219-268.	0.0	0
751	Pathophysiological role of 27-hydroxycholesterol in human diseases. Advances in Biological Regulation, 2022, 83, 100837.	1.4	6
752	Oxysterols and Retinal Microvascular Dysfunction as Early Risk Markers for Cardiovascular Disease in Normal, Ageing Individuals. Antioxidants, 2021, 10, 1756.	2.2	9
754	The role of non-cholesterol sterols in the pathogenesis of atherosclerosis and their modulation by the sitosterolaemia locus. , 2003, , 63-68.		0
756	Relation between Body Iron Status and Cardiovascular Risk Factors in Patients with Cardiovascular Disease. International Journal of Preventive Medicine, 2013, 4, 911-6.	0.2	13
757	Bile Acid and Cholesterol Metabolism in Atherosclerotic Cardiovascular Disease and Therapy. Cardiology Plus, 2020, 5, 159-170.	0.2	0
758	Oxysterols. , 2021, , 1198-1203.		0
759	Oxysterols: From redox bench to industry. Redox Biology, 2022, 49, 102220.	3.9	21
760	Cholesterol and cholesterol oxidation products (COPs). , 2022, , 173-205.		0
761	The Effect of Orlistat on Sterol Metabolism in Obese Patients. Frontiers in Endocrinology, 2022, 13, 824269.	1.5	8
762	Association Between Radiotherapy and Death From Cardiovascular Disease Among Patients With Cancer: A Large Populationâ€Based Cohort Study. Journal of the American Heart Association, 2022, 11, e023802.	1.6	5

#	Article	IF	Citations
763	Association of demographic and health characteristics with circulating oxysterol concentrations. Journal of Clinical Lipidology, 2022, 16, 345-355.	0.6	2
764	Identification cholesterol metabolites altered before the onset of nonalcoholic steatohepatitis by targeted metabolomics. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159135.	1.2	5
765	C/EBPÎ²/AEP signaling couples atherosclerosis to the pathogenesis of Alzheimerâ€™s disease. Molecular Psychiatry, 2022, 27, 3034-3046.	4.1	4
766	Free Radical Properties, Source and Targets, Antioxidant Consumption and Health. Oxygen, 2022, 2, 48-78.	1.6	159
767	Looking in Depth at Oxidized Cholesteryl Esters by LCâ€“MS/MS: Reporting Specific Fragmentation Fingerprints and Isomer Discrimination. Journal of the American Society for Mass Spectrometry, 2022, 33, 793-802.	1.2	3
770	Effects of dietary oxysterols on coronary arteries in hyperlipidaemic hamsters. British Journal of Nutrition, 2002, 87, 447-58.	1.2	4
771	Association of Cholesterol and Oxysterols in Adipose Tissue With Obesity and Metabolic Syndrome Traits. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3929-e3936.	1.8	5
772	Niemann-Pick type C disease (NPC). , 2022, , 525-551.		2
773	27-Hydroxycholesterol induces expression of zonula occludens-1 in monocytic cells via multiple kinases pathways. Scientific Reports, 2022, 12, 8213.	1.6	1
776	Thermal Proteome Profiling Reveals Distinct Target Selectivity for Differentially Oxidized Oxysterols. ACS Chemical Biology, 2022, 17, 1677-1684.	1.6	4
777	Sources of 7-ketocholesterol, metabolism and inactivation strategies: food and biomedical applications. , 2022, 2022, R40-R56.		14
778	Bile Acid and Cholesterol Metabolism in Atherosclerotic Cardiovascular Disease and Therapy. Cardiology Plus, 2020, 5, 159-170.	0.2	18
779	The emerging role of 27-hydroxycholesterol in cancer development and progression: An update. International Immunopharmacology, 2022, 110, 109074.	1.7	17
780	Current causes of death in familial hypercholesterolemia. Lipids in Health and Disease, 2022, 21, .	1.2	3
781	<scp>GCâ€“MS</scp> analysis of oxysterols and their formation in cultivated liver cells () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182 Td (	0.7	0
782	Serum Bilirubin and Markers of Oxidative Stress and Inflammation in a Healthy Population and in Patients with Various Forms of Atherosclerosis. Antioxidants, 2022, 11, 2118.	2.2	5
783	Role of reactive oxygen species in regulating 27-hydroxycholesterol-induced apoptosis of hematopoietic progenitor cells and myeloid cell lines. Cell Death and Disease, 2022, 13, .	2.7	8
784	High Cholesterol-Induced Bone Loss Is Attenuated by Arctiin via an Action in Osteoclasts. Nutrients, 2022, 14, 4483.	1.7	3

#	Article	IF	Citations
785	Association between Serum Oxysterols and Coronary Plaque Regression during Lipid-Lowering Therapy with Statin and Ezetimibe: Insights from the CuVIC Trial. Journal of Atherosclerosis and Thrombosis, 2022, , .	0.9	4
786	Hydroxylation siteâ€“specific and production-dependent effects of endogenous oxysterols on cholesterol homeostasis: Implications for SREBP-2 and LXR. Journal of Biological Chemistry, 2023, 299, 102733.	1.6	8
787	A Dietary Oxysterol, 7-Ketocholesterol, Exacerbates Imiquimod-Induced Psoriasis-like Dermatitis in Steatohepatitic Mice. International Journal of Molecular Sciences, 2022, 23, 15855.	1.8	3
789	ATP-binding cassette G1 membrane transporter-mediated cholesterol efflux capacity influences coronary atherosclerosis and cardiovascular risk in Rheumatoid Arthritis. Journal of Autoimmunity, 2023, 136, 103029.	3.0	4
790	Scoparia dulcis and Indigofera tinctoria as potential herbal remedies against 7-ketocholesterol-induced pro-inflammatory mediators of macrophage polarization. Journal of Herbal Medicine, 2023, 39, 100652.	1.0	2
791	An Unexpected Enzyme in Vascular Smooth Muscle Cells: Angiotensin II Upregulates Cholesterol-25-Hydroxylase Gene Expression. International Journal of Molecular Sciences, 2023, 24, 3968.	1.8	1
792	Malonyl-CoA Accumulation as a Compensatory Cytoprotective Mechanism in Cardiac Cells in Response to 7-Ketocholesterol-Induced Growth Retardation. International Journal of Molecular Sciences, 2023, 24, 4418.	1.8	3
806	Oxysterols as Biomarkers of Aging and Disease. Advances in Experimental Medicine and Biology, 2024, , 307-336.	0.8	0
807	Oxy- and Phytosterols as Biomarkers: Current Status and Future Perspectives. Advances in Experimental Medicine and Biology, 2024, , 353-375.	0.8	0
816	Role of Oxysterols in Ocular Degeneration Mechanisms and Involvement of P2X7 Receptor. Advances in Experimental Medicine and Biology, 2024, , 277-292.	0.8	0