Robert Salvayre

List of Publications by Year in Descending Order

184 papers	9,451 citations	55 h-index	90 g-index
187 ext. papers	10,160 ext. citations	6.3 avg, IF	5.55 L-index

#	Paper	IF	Citations
184	Role of oxidative stress in the dysfunction of the placental endothelial nitric oxide synthase in preeclampsia. *Redox Biology*, **2021**, 40, 101861	11.3	30
183	4-Hydroxynonenal Contributes to Fibroblast Senescence in Skin Photoaging Evoked by UV-A Radiation. *Antioxidants*, **2021**, 10,	7.1	3
182	A role for 4-hydroxy-2-nonenal in premature placental senescence in preeclampsia and intrauterine growth restriction. *Free Radical Biology and Medicine*, **2021**, 164, 303-314	7.8	2
181	Role of reactive oxygen species in atherosclerosis: Lessons from murine genetic models. *Free Radical Biology and Medicine*, **2020**, 149, 8-22	7.8	24
180	High glutathionylation of placental endothelial nitric oxide synthase in preeclampsia. *Redox Biology*, **2019**, 22, 101126	11.3	22
179	Modification of endothelial nitric oxide synthase by 4-oxo-2(E)-nonenal(ONE) in preeclamptic placentas. *Free Radical Biology and Medicine*, **2019**, 141, 416-425	7.8	8
178	Small dense HDLs display potent vasorelaxing activity, reflecting their elevated content of sphingosine-1-phosphate. *Journal of Lipid Research*, **2018**, 59, 25-34	6.3	16
177	nSMase2 (Type 2-Neutral Sphingomyelinase) Deficiency or Inhibition by GW4869 Reduces Inflammation and Atherosclerosis in Apoe Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 1479-1492	9.4	36
176	Angiogenesis in the atherosclerotic plaque. *Redox Biology*, **2017**, 12, 18-34	11.3	177
175	Dual signaling evoked by oxidized LDLs in vascular cells. *Free Radical Biology and Medicine*, **2017**, 106, 118-133	7.8	55
174	Proatherogenic effects of 4-hydroxynonenal. *Free Radical Biology and Medicine*, **2017**, 111, 127-139	7.8	28
173	4-Hydroxynonenal Contributes to Angiogenesis through a Redox-Dependent Sphingolipid Pathway: Prevention by Hydralazine Derivatives. *Oxidative Medicine and Cellular Longevity*, **2017**, 2017, 9172741	6.7	7
172	Serum allantoin and aminothiols as biomarkers of chronic heart failure. *Acta Cardiologica*, **2017**, 72, 397-403	0.9	4
171	Dietary cladode powder from wild type and domesticated Opuntia species reduces atherogenesis in apoE knock-out mice. *Journal of Physiology and Biochemistry*, **2016**, 72, 59-70	5	17
170	The neutral sphingomyelinase-2 is involved in angiogenic signaling triggered by oxidized LDL. *Free Radical Biology and Medicine*, **2016**, 93, 204-16	7.8	16
169	Antiatherogenic and antitumoral properties of Opuntia cladodes: inhibition of low density lipoprotein oxidation by vascular cells, and protection against the cytotoxicity of lipid oxidation product 4-hydroxynonenal in a colorectal cancer cellular model. *Journal of Physiology and Biochemistry*, **2015**, 71, 577-87	5	33
168	Oxidized LDL-induced angiogenesis involves sphingosine 1-phosphate: prevention by anti-S1P antibody. *British Journal of Pharmacology*, **2015**, 172, 106-18	8.6	20

167	Elastin Modification by 4-Hydroxynonenal in Hairless Mice Exposed to UV-A. Role in Photoaging and Actinic Elastosis. *Journal of Investigative Dermatology*, **2015**, 135, 1873-1881	4.3	25
166	Annexin II-dependent actin remodelling evoked by hydrogen peroxide requires the metalloproteinase/sphingolipid pathway. *Redox Biology*, **2015**, 4, 169-79	11.3	5
165	Elastin aging and lipid oxidation products in human aorta. *Redox Biology*, **2015**, 4, 109-17	11.3	41
164	Hyaluronan synthase-2 upregulation protects smpd3-deficient fibroblasts against cell death induced by nutrient deprivation, but not against apoptosis evoked by oxidized LDL. *Redox Biology*, **2015**, 4, 118-26	11.3	6
163	Homocysteine in Chronic Heart Failure. *Clinical Laboratory*, **2015**, 61, 1137-45	2	14
162	4-Hydroxynonenal impairs transforming growth factor-1-induced elastin synthesis via epidermal growth factor receptor activation in human and murine fibroblasts. *Free Radical Biology and Medicine*, **2014**, 71, 427-436	7.8	21
161	Alteration of plasma phospholipid fatty acid profile in patients with septic shock. *Biochimie*, **2013**, 95, 2177-81	4.6	27
160	Small, dense high-density lipoprotein-3 particles are enriched in negatively charged phospholipids: relevance to cellular cholesterol efflux, antioxidative, antithrombotic, anti-inflammatory, and antiapoptotic functionalities. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2715-23	9.4	201
159	Protein disulfide isomerase modification and inhibition contribute to ER stress and apoptosis induced by oxidized low density lipoproteins. *Antioxidants and Redox Signaling*, **2013**, 18, 731-42	8.4	65
158	A signaling cascade mediated by ceramide, src and PDGFR coordinates the activation of the redox-sensitive neutral sphingomyelinase-2 and sphingosine kinase-1. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2013**, 1831, 1344-56	5	22
157	Anorexia nervosa patients display a deficit in membrane long chain poly-unsaturated fatty acids. *Clinical Nutrition*, **2012**, 31, 386-90	5.9	25
156	Antiatherogenic effect of bisvanillyl-hydralazone, a new hydralazine derivative with antioxidant, carbonyl scavenger, and antiapoptotic properties. *Antioxidants and Redox Signaling*, **2011**, 14, 2093-106	8.4	22
155	A key role for matrix metalloproteinases and neutral sphingomyelinase-2 in transplant vasculopathy triggered by anti-HLA antibody. *Circulation*, **2011**, 124, 2725-34	16.7	33
154	Oxidized LDLs trigger endoplasmic reticulum stress and autophagy: prevention by HDLs. *Autophagy* , **2011**, 7, 541-3	10.2	53
153	Stress-induced sphingolipid signaling: role of type-2 neutral sphingomyelinase in murine cell apoptosis and proliferation. *PLoS ONE*, **2010**, 5, e9826	3.7	21
152	Small, dense HDL 3 particles attenuate apoptosis in endothelial cells: pivotal role of apolipoprotein A-I. *Journal of Cellular and Molecular Medicine*, **2010**, 14, 608-20	5.6	72
151	Pathological aspects of lipid peroxidation. *Free Radical Research*, **2010**, 44, 1125-71	4	288
150	Synthesis and antioxidant activity evaluation of a syringic hydrazones family. *European Journal of Medicinal Chemistry*, **2010**, 45, 3019-26	6.8	92

149	Oxidized low-density lipoproteins trigger endoplasmic reticulum stress in vascular cells: prevention by oxygen-regulated protein 150 expression. *Circulation Research*, **2009**, 104, 328-36	15.7	135
148	Hyperglycemia and glycation in diabetic complications. *Antioxidants and Redox Signaling*, **2009**, 11, 3071-3109	8.4	264
147	TRPC1 is regulated by caveolin-1 and is involved in oxidized LDL-induced apoptosis of vascular smooth muscle cells. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 1620-1631	5.6	36
146	Integrin alpha(v)beta(3), metalloproteinases, and sphingomyelinase-2 mediate urokinase mitogenic effect. *Cellular Signalling*, **2009**, 21, 1925-34	4.9	14
145	Evaluation of whole antioxidant defenses of human mononuclear cells by a new in vitro biological test: lack of correlation between erythrocyte and mononuclear cell resistance to oxidative stress. *Clinical Biochemistry*, **2009**, 42, 510-4	3.5	6
144	Cytokines correlate with age in healthy volunteers, dialysis patients and kidney-transplant patients. *Cytokine*, **2009**, 45, 169-73	4	18
143	Resveratrol inhibits the mTOR mitogenic signaling evoked by oxidized LDL in smooth muscle cells. *Atherosclerosis*, **2009**, 205, 126-34	3.1	81
142	Carbonyl scavenger and antiatherogenic effects of hydrazine derivatives. *Free Radical Biology and Medicine*, **2008**, 45, 1457-67	7.8	76
141	Caveolin-1 sensitizes vascular smooth muscle cells to mildly oxidized LDL-induced apoptosis. *Biochemical and Biophysical Research Communications*, **2008**, 369, 889-93	3.4	12
140	Metabolic syndrome features small, apolipoprotein A-I-poor, triglyceride-rich HDL3 particles with defective anti-apoptotic activity. *Atherosclerosis*, **2008**, 197, 84-94	3.1	100
139	E-cadherin/beta-catenin/T-cell factor pathway is involved in smooth muscle cell proliferation elicited by oxidized low-density lipoprotein. *Circulation Research*, **2008**, 103, 694-701	15.7	44
138	The C-terminal region of human adipose triglyceride lipase affects enzyme activity and lipid droplet binding. *Journal of Biological Chemistry*, **2008**, 283, 17211-20	5.4	112
137	Simultaneous determination of allantoin, hypoxanthine, xanthine, and uric acid in serum/plasma by CE. *Electrophoresis*, **2007**, 28, 381-7	3.6	108
136	The gene encoding adipose triglyceride lipase (PNPLA2) is mutated in neutral lipid storage disease with myopathy. *Nature Genetics*, **2007**, 39, 28-30	36.3	347
135	MAO-A-induced mitogenic signaling is mediated by reactive oxygen species, MMP-2, and the sphingolipid pathway. *Free Radical Biology and Medicine*, **2007**, 43, 80-9	7.8	38
134	Methylglyoxal induces advanced glycation end product (AGEs) formation and dysfunction of PDGF receptor-beta: implications for diabetic atherosclerosis. *FASEB Journal*, **2007**, 21, 3096-106	0.9	94
133	Lipid oxidation products and oxidized low-density lipoproteins impair platelet-derived growth factor receptor activity in smooth muscle cells: implication in atherosclerosis. *Redox Report*, **2007**, 12, 96-100	5.9	31
132	Role for furin in tumor necrosis factor alpha-induced activation of the matrix metalloproteinase/sphingolipid mitogenic pathway. *Molecular and Cellular Biology*, **2007**, 27, 2997-3007	4.8	55

131	Antioxidant and cytoprotective properties of high-density lipoproteins in vascular cells. *Free Radical Biology and Medicine*, **2006**, 41, 1031-40	7.8	107
130	Desensitization of platelet-derived growth factor receptor-beta by oxidized lipids in vascular cells and atherosclerotic lesions: prevention by aldehyde scavengers. *Circulation Research*, **2006**, 98, 785-92	15.7	59
129	Structural modifications of HDL and functional consequences. *Atherosclerosis*, **2006**, 184, 1-7	3.1	134
128	Effect of 4-hydroxynonenal on phosphatidylethanolamine containing condensed monolayer and on its interaction with apolipoprotein A-I. *FEBS Letters*, **2005**, 579, 5074-8	3.8	7
127	A deletion in the gene encoding sphingomyelin phosphodiesterase 3 (Smpd3) results in osteogenesis and dentinogenesis imperfecta in the mouse. *Nature Genetics*, **2005**, 37, 803-5	36.3	138
126	Propri□□s des formes mol□□ulaires de la □glucosidase et de la □glucoc□□rosidase de rate humaine normale et de maladie de Gaucher. *FEBS Journal*, **2005**, 115, 455-461		28
125	High-density lipoproteins prevent the oxidized low-density lipoprotein-induced epidermal [corrected] growth factor receptor activation and subsequent matrix metalloproteinase-2 upregulation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 1206-12	9.4	54
124	Two distinct calcium-dependent mitochondrial pathways are involved in oxidized LDL-induced apoptosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 639-45	9.4	102
123	Activation of the {beta}-catenin/T-cell-specific transcription factor/lymphoid enhancer factor-1 pathway by plasminogen activators in ECV304 carcinoma cells. *Cancer Research*, **2005**, 65, 526-32	10.1	16
122	Expression of membrane-bound and soluble FasL in Fas- and FADD-dependent T lymphocyte apoptosis induced by mildly oxidized LDL. *FASEB Journal*, **2004**, 18, 122-4	0.9	20
121	Involvement of peripheral benzodiazepine receptor in the oxidative stress, death-signaling pathways, and renal injury induced by ischemia-reperfusion. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 2152-60	12.7	52
120	The sphingomyelin/ceramide pathway is involved in ERK1/2 phosphorylation, cell proliferation, and uPAR overexpression induced by tissue-type plasminogen activator. *FASEB Journal*, **2004**, 18, 1398-400	0.9	36
119	Role for matrix metalloproteinase-2 in oxidized low-density lipoprotein-induced activation of the sphingomyelin/ceramide pathway and smooth muscle cell proliferation. *Circulation*, **2004**, 110, 571-8	16.7	114
118	Lysosomal storage diseases: is impaired apoptosis a pathogenic mechanism?. *Neurochemical Research*, **2004**, 29, 871-80	4.6	20
117	Dual role of oxidized LDL on the NF-kappaB signaling pathway. *Free Radical Research*, **2004**, 38, 541-51	4	116
116	HDL counterbalance the proinflammatory effect of oxidized LDL by inhibiting intracellular reactive oxygen species rise, proteasome activation, and subsequent NF-kappaB activation in smooth muscle cells. *FASEB Journal*, **2003**, 17, 743-5	0.9	85
115	Proliferation and wound healing of vascular cells trigger the generation of extracellular reactive oxygen species and LDL oxidation. *Free Radical Biology and Medicine*, **2003**, 35, 1589-98	7.8	23
114	Oxidized LDL and 4-hydroxynonenal modulate tyrosine kinase receptor activity. *Molecular Aspects of Medicine*, **2003**, 24, 251-61	16.7	61

113	Mildly oxidized LDL particle subspecies are distinct in their capacity to induce apoptosis in endothelial cells: role of lipid hydroperoxides. *FASEB Journal*, **2003**, 17, 88-90	0.9	23
112	Oxidized LDL-induced apoptosis. *Sub-Cellular Biochemistry*, **2002**, 36, 123-50	5.5	5
111	Advanced glycation end product precursors impair epidermal growth factor receptor signaling. *Diabetes*, **2002**, 51, 1535-42	0.9	75
110	Oxidized LDL-induced smooth muscle cell proliferation involves the EGF receptor/PI-3 kinase/Akt and the sphingolipid signaling pathways. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2002**, 22, 1990-5	9.4	98
109	Mitochondrial oxidative stress is modulated by oleic acid via an epidermal growth factor receptor-dependent activation of glutathione peroxidase. *Biochemical Journal*, **2002**, 367, 889-94	3.8	44
108	Detection of intracellular reactive oxygen species in cultured cells using fluorescent probes. *Methods in Enzymology*, **2002**, 352, 62-71	1.7	70
107	Increased reactive oxygen species production with antisense oligonucleotides directed against uncoupling protein 2 in murine endothelial cells. *Biochemistry and Cell Biology*, **2002**, 80, 757-64	3.6	110
106	Oxidized low-density lipoprotein-induced apoptosis. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2002**, 1585, 213-21	5	253
105	A neutral sphingomyelinase resides in sphingolipid-enriched microdomains and is inhibited by the caveolin-scaffolding domain: potential implications in tumour necrosis factor signalling. *Biochemical Journal*, **2001**, 355, 859-68	3.8	101
104	Mildly oxidized LDL induces activation of platelet-derived growth factor beta-receptor pathway. *Circulation*, **2001**, 104, 1814-21	16.7	59
103	Phenolic antioxidants trolox and caffeic acid modulate the oxidized LDL-induced EGF-receptor activation. *British Journal of Pharmacology*, **2001**, 132, 1777-88	8.6	24
102	Ceramide in apoptosis signaling: relationship with oxidative stress. *Free Radical Biology and Medicine*, **2001**, 31, 717-28	7.8	211
101	Lysosomal sphingomyelinase is not solicited for apoptosis signaling. *FASEB Journal*, **2001**, 15, 297-9	0.9	60
100	Angiotensin II induces phenotype-dependent apoptosis in vascular smooth muscle cells. *Hypertension*, **2001**, 38, 1294-9	8.5	49
99	Sphingolipid mediators in cardiovascular cell biology and pathology. *Circulation Research*, **2001**, 89, 957-68	13.7	143
98	Involvement of FAN in TNF-induced apoptosis. *Journal of Clinical Investigation*, **2001**, 108, 143-51	15.9	80
97	Oxidized LDLs alter the activity of the ubiquitin-proteasome pathway: potential role in oxidized LDL-induced apoptosis. *FASEB Journal*, **2000**, 14, 532-42	0.9	112
96	Stress-induced apoptosis is not mediated by endolysosomal ceramide. *FASEB Journal*, **2000**, 14, 36-47	0.9	58

95	Sphingomyelin metabolites in vascular cell signaling and atherogenesis. *Progress in Lipid Research*, **2000**, 39, 207-29	14.3	93
94	Bcl-2 alters the balance between apoptosis and necrosis, but does not prevent cell death induced by oxidized low density lipoproteins. *FASEB Journal*, **1999**, 13, 485-94	0.9	75
93	CD40 signals apoptosis through FAN-regulated activation of the sphingomyelin-ceramide pathway. *Journal of Biological Chemistry*, **1999**, 274, 37251-8	5.4	61
92	Role of sphingosine 1-phosphate in the mitogenesis induced by oxidized low density lipoprotein in smooth muscle cells via activation of sphingomyelinase, ceramidase, and sphingosine kinase. *Journal of Biological Chemistry*, **1999**, 274, 21533-8	5.4	132
91	Activation of epithelial growth factor receptor pathway by unsaturated fatty acids. *Circulation Research*, **1999**, 85, 892-9	15.7	64
90	Retrovirus-mediated correction of the metabolic defect in cultured Farber disease cells. *Human Gene Therapy*, **1999**, 10, 1321-9	4.8	28
89	Sphingomyelin-degrading pathways in human cells role in cell signalling. *Chemistry and Physics of Lipids*, **1999**, 102, 167-78	3.7	29
88	Mildly oxidized low-density lipoproteins decrease early production of interleukin 2 and nuclear factor B binding to DNA in activated T-lymphocytes. *Biochemical Journal*, **1999**, 337, 269-274	3.8	14
87	Mildly oxidized low-density lipoproteins decrease early production of interleukin 2 and nuclear factor B binding to DNA in activated T-lymphocytes. *Biochemical Journal*, **1999**, 337, 269	3.8	9
86	Oxidized low density lipoproteins induce apoptosis in PHA-activated peripheral blood mononuclear cells and in the Jurkat T-cell line. *Journal of Lipid Research*, **1999**, 40, 1200-1210	6.3	24
85	Effect of dietary phenolic compounds on apoptosis of human cultured endothelial cells induced by oxidized LDL. *British Journal of Pharmacology*, **1998**, 123, 565-73	8.6	55
84	A619->G substitution in the HEXB gene is not a deleterious mutation, but a frequent polymorphism. *Human Mutation*, **1998**, 11, S329-S330	4.7	
83	Natural ceramide is unable to escape the lysosome, in contrast to a fluorescent analogue. *FEBS Letters*, **1998**, 426, 102-6	3.8	61
82	Binding steps of apolipoprotein A-I with phospholipid monolayers: adsorption and penetration. *Biochemistry*, **1998**, 37, 16165-71	3.2	49
81	Apoptosis and activation of the sphingomyelin-ceramide pathway induced by oxidized low density lipoproteins are not causally related in ECV-304 endothelial cells. *Journal of Biological Chemistry*, **1998**, 273, 27389-95	5.4	49
80	Potential role for ceramide in mitogen-activated protein kinase activation and proliferation of vascular smooth muscle cells induced by oxidized low density lipoprotein. *Journal of Biological Chemistry*, **1998**, 273, 12893-900	5.4	71
79	Mildly oxidized low-density lipoproteins suppress the proliferation of activated CD4+ T-lymphocytes and their interleukin 2 receptor expression in vitro. *Biochemical Journal*, **1998**, 330 (Pt 2), 659-66	3.8	23
78	The tumour necrosis factor-sensitive pool of sphingomyelin is resynthesized in a distinct compartment of the plasma membrane. *Biochemical Journal*, **1998**, 333 (Pt 1), 91-7	3.8	17

77	Activation of EGF receptor by oxidized LDL. *FASEB Journal*, **1998**, 12, 665-71	0.9	128
76	Model SV40-transformed fibroblast lines for metabolic studies of human prosaposin and acid ceramidase deficiencies. *Clinica Chimica Acta*, **1997**, 262, 61-76	6.2	29
75	A role for uncoupling protein-2 as a regulator of mitochondrial hydrogen peroxide generation. *FASEB Journal*, **1997**, 11, 809-815	0.9	641
74	HDL and ApoA prevent cell death of endothelial cells induced by oxidized LDL. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 2158-66	9.4	166
73	Cholesteryl ester storage disease: relationship between molecular defects and in situ activity of lysosomal acid lipase. *Biochemical and Molecular Medicine*, **1997**, 62, 42-9		23
72	Oxidized LDLs induce massive apoptosis of cultured human endothelial cells through a calcium-dependent pathway. Prevention by aurintricarboxylic acid. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 331-9	9.4	110
71	Mitochondrial function is involved in LDL oxidation mediated by human cultured endothelial cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 1575-82	9.4	50
70	A simple method for screening for Farber disease on cultured skin fibroblasts. *Clinica Chimica Acta*, **1996**, 245, 61-71	6.2	25
69	Significance of two point mutations present in each HEXB allele of patients with adult GM2 gangliosidosis (Sandhoff disease) homozygosity for the Ile207-->Val substitution is not associated with a clinical or biochemical phenotype. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **1996**, 1317, 127-33	6.9	17
68	Comparative study of the metabolic pools of sphingomyelin and phosphatidylcholine sensitive to tumor necrosis factor. *FEBS Journal*, **1996**, 236, 738-45		63
67	The sphingomyelin-ceramide signaling pathway is involved in oxidized low density lipoprotein-induced cell proliferation. *Journal of Biological Chemistry*, **1996**, 271, 19251-5	5.4	99
66	Mildly oxidized LDL evokes a sustained Ca(2+)-dependent retraction of vascular smooth muscle cells. *Circulation Research*, **1996**, 79, 871-80	15.7	17
65	alpha-Tocopherol and trolox block the early intracellular events (TBARS and calcium rises) elicited by oxidized low density lipoproteins in cultured endothelial cells. *Free Radical Biology and Medicine*, **1995**, 19, 177-87	7.8	37
64	Oxidizability and subsequent cytotoxicity of chylomicrons to monocytic U937 and endothelial cells are dependent on dietary fatty acid composition. *Free Radical Biology and Medicine*, **1995**, 19, 599-607	7.8	21
63	alpha-Tocopherol, ascorbic acid, and rutin inhibit synergistically the copper-promoted LDL oxidation and the cytotoxicity of oxidized LDL to cultured endothelial cells. *Biological Trace Element Research*, **1995**, 47, 81-91	4.5	41
62	The turnover of cytoplasmic triacylglycerols in human fibroblasts involves two separate acyl chain length-dependent degradation pathways. *Journal of Biological Chemistry*, **1995**, 270, 27027-34	5.4	36
61	Low temperatures and hypertonicity do not block cytokine-induced stimulation of the sphingomyelin pathway but inhibit nuclear factor-kappa B activation. *Journal of Biological Chemistry* , **1995**, 270, 24518-24	5.4	41
60	Cholesterol sulfate is not degraded but does not accumulate in Epstein-Barr virus-transformed lymphoid cells from patients with X-linked ichthyosis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **1995**, 1272, 80-8	6.9	1

59	Prevention by alpha-tocopherol and rutin of glutathione and ATP depletion induced by oxidized LDL in cultured endothelial cells. *British Journal of Pharmacology*, **1995**, 116, 1985-90	8.6	42
58	Phospholipid hydrolysis of mildly oxidized LDL reduces their cytotoxicity to cultured endothelial cells. Potential protective role against atherogenesis. *Lipids and Lipid Metabolism*, **1995**, 1256, 284-92		16
57	Degradation of fluorescent and radiolabelled sphingomyelins in intact cells by a non-lysosomal pathway. *Lipids and Lipid Metabolism*, **1995**, 1258, 277-87		15
56	Neurodegenerative course in ceramidase deficiency (Farber disease) correlates with the residual lysosomal ceramide turnover in cultured living patient cells. *Journal of the Neurological Sciences*, **1995**, 134, 108-14	3.2	50
55	Accurate differentiation of neuronopathic and nonneuronopathic forms of Niemann-Pick disease by evaluation of the effective residual lysosomal sphingomyelinase activity in intact cells. *Journal of Neurochemistry*, **1994**, 63, 1060-8	6	55
54	Necrosis and apoptosis induced by oxidized low density lipoproteins occur through two calcium-dependent pathways in lymphoblastoid cells. *FASEB Journal*, **1994**, 8, 1075-80	0.9	116
53	The in situ degradation of ceramide, a potential lipid mediator, is not completely impaired in Farber disease. *FEBS Letters*, **1993**, 329, 306-12	3.8	26
52	Cytoplasmic triacylglycerols and cholesteryl esters are degraded in two separate catabolic pools in cultured human fibroblasts. *FEBS Letters*, **1993**, 328, 230-4	3.8	15
51	Protection by Ca2+ channel blockers (nifedipine, diltiazem and verapamil) against the toxicity of oxidized low density lipoprotein to cultured lymphoid cells. *British Journal of Pharmacology*, **1992**, 107, 738-44	8.6	27
50	UV-treated lipoproteins as a model system for the study of the biological effects of lipid peroxides on cultured cells. 4. Calcium is involved in the cytotoxicity of UV-treated LDL on lymphoid cell lines. *Lipids and Lipid Metabolism*, **1992**, 1123, 207-15		30
49	Oxidized HDL are much less cytotoxic to lymphoblastoid cells than oxidized LDL. *Lipids and Lipid Metabolism*, **1992**, 1128, 163-6		24
48	Comparative cytoprotective effect of dihydropyridine calcium channel blockers against the toxicity of oxidized low density lipoprotein for cultured lymphoid cells. *Biochemical Pharmacology*, **1992**, 44, 2379-86	6	7
47	A delayed and sustained rise of cytosolic calcium is elicited by oxidized LDL in cultured bovine aortic endothelial cells. *FEBS Letters*, **1992**, 299, 60-5	3.8	45
46	Oxidized low density lipoproteins elicit DNA fragmentation of cultured lymphoblastoid cells. *FEBS Letters*, **1992**, 305, 155-9	3.8	27
45	Wavelength dependence of photoinduced peroxidation and cytotoxicity of human low density lipoproteins. *Photochemistry and Photobiology*, **1992**, 55, 197-204	3.6	32
44	Ultraviolet-treated lipoproteins as a model system for the study of the biological effects of lipid peroxides on cultured cells. III. The protective effect of antioxidants (probucol, catechin, vitamin E) against the cytotoxicity of oxidized LDL occurs in two different ways. *Biochimica Et Biophysica Acta - [illegible]*	6.9	64
43	Arylsulfatases A and B in EBV-transformed lymphoid cell lines: studies on their molecular forms in cells from patients with inborn sulfatase deficiencies. Comparative diagnostic value of enzymatic assays. *Clinica Chimica Acta*, **1991**, 202, 149-65	6.2	3
42	Hydrolysis of fluorescent pyrene-acyl esters by human pancreatic carboxylic ester hydrolase and bile salt-stimulated lipase. *Lipids*, **1990**, 25, 428-34	1.6	9

41	Ultraviolet-treated lipoproteins as a model system for the study of the biological effects of lipid peroxides on cultured cell. I. Chemical modifications of ultraviolet-treated low-density lipoproteins. *Lipids and Lipid Metabolism*, **1990**, 1045, 219-23		55
40	Ultraviolet-treated lipoproteins as a model system for the study of the biological effects of lipid peroxides on cultured cells. II. Uptake and cytotoxicity of ultraviolet-treated LDL on lymphoid cell lines. *Lipids and Lipid Metabolism*, **1990**, 1045, 224-32		73
39	In vitro detergent activation of lysosomal acid beta-glucosidase in the spleen of normal and type 1 Gaucher patients is not accompanied by change in aggregation state. *BBA - Proteins and Proteomics*, **1989**, 996, 254-6		2
38	Metabolism of pyrenedecanoic acid in Epstein-Barr virus-transformed lymphoid cell lines from normal subjects and from a patient with multisystemic lipid storage myopathy. *Lipids and Lipid Metabolism*, **1989**, 1005, 130-6		14
37	Pyrenemethyl laurate, a new fluorescent substrate for continuous kinetic determination of lipase activity. *Lipids and Lipid Metabolism*, **1989**, 1006, 84-8		9
36	Independence of triacylglycerol-containing compartments in cultured fibroblasts from Wolman disease and multisystemic lipid storage myopathy. *FEBS Letters*, **1989**, 250, 35-9	3.8	16
35	Mechanism of inhibition of beta-hexosaminidase B from human liver by short- and medium-chain monocarboxylic acids. *International Journal of Biochemistry & Cell Biology*, **1988**, 20, 533-8		
34	Use of a fluorescent radiolabeled triacylglycerol as a substrate for lipoprotein lipase and hepatic triglyceride lipase. *Lipids*, **1988**, 23, 605-8	1.6	10
33	Relative fluorescence of normal and acid lipase-deficient cultured fibroblasts following administration of pyrene decanoic acid. *Lipids and Lipid Metabolism*, **1988**, 960, 401-9		5
32	Hydrolysis of fluorescent pyrenetriacylglycerols by lipases from human stomach and gastric juice. *Lipids and Lipid Metabolism*, **1988**, 963, 340-8		14
31	Biochemical and ultrastructural features of human fibroblasts cultured from a new variant of type 3 lipid storage myopathy. *Biology of the Cell*, **1988**, 62, 39-45	3.5	7
30	Metabolism of Extracellular Triacylglycerols (From Lipoproteins) in a Woman Lymphoid Cell Line **1988**, 315-319		
29	Use of 1-Pyrenedecanoic Acid for Demonstrating the Catabolic Block of Cytoplasmic Triacylglycerols in a Lymphoid Cell Line Established from a Patient Affected with Multisystemic Lipid Storage Myopathy (Type 3) **1988**, 445-449		
28	Sphingomyelin Storage in Lymphoid Cell Lines from Patients with Niemann-Pick Disease Types A, B and C: Influence of Culture Conditions **1988**, 129-133		
27	Use of Lipidotic Cultured Cells (From Wolman Disease and Multisytemic Lipid Storage Myopathy) for Studying the Metabolic Relations between the Cellular Compartments Containing Neutral Lipids **1988**, 563-570		1
26	Acyl-chain specificity and properties of cholesterol esterases from normal and Wolman lymphoid cell lines. *Lipids and Lipid Metabolism*, **1987**, 918, 76-82		15
25	Metabolism of 1-pyrenedecanoic acid and accumulation of neutral fluorescent lipids in cultured fibroblasts of multisystemic lipid storage myopathy. *Lipids and Lipid Metabolism*, **1987**, 920, 131-9		26
24	Irreversible inhibition of hexosaminidase C by medium-chain monocarboxylic acids and Triton X-100. *Biochimica Et Biophysica Acta - General Subjects*, **1987**, 924, 557-61	4	2

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