

Hiroyuki Itabe

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6245264/hiroyuki-itabe-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77 papers	4,850 citations	32 h-index	69 g-index
81 ext. papers	5,320 ext. citations	6 avg, IF	5.16 L-index

#	Paper	IF	Citations
77	Structure and Dynamics of Oxidized Lipoproteins In Vivo: Roles of High-Density Lipoprotein. <i>Biomedicines</i> , 2021 , 9,	4.8	3
76	Transfer and Enzyme-Mediated Metabolism of Oxidized Phosphatidylcholine and Lysophosphatidylcholine between Low- and High-Density Lipoproteins. <i>Antioxidants</i> , 2020 , 9,	7.1	5
75	Circulating oxidized LDL, increased in patients with acute myocardial infarction, is accompanied by heavily modified HDL. <i>Journal of Lipid Research</i> , 2020 , 61, 816-829	6.3	8
74	Comparison of protein profiles of the pellicle, gingival crevicular fluid, and saliva: possible origin of pellicle proteins. <i>Biological Research</i> , 2020 , 53, 3	7.6	8
73	Standard Pharmacist Intervention Checklist to Improve the Appropriate Use of Medications for Inpatients with Polypharmacy. <i>BPB Reports</i> , 2020 , 3, 196-201	0.3	
72	Proteomics of human glomerulonephritis by laser microdissection and liquid chromatography-tandem mass spectrometry. <i>Nephrology</i> , 2020 , 25, 351-359	2.2	10
71	Neutrophils as a Novel Target of Modified Low-Density Lipoproteins and an Accelerator of Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
70	Cooperative Action of Oxidized Low-Density Lipoproteins and Neutrophils on Endothelial Inflammatory Responses Through Neutrophil Extracellular Trap Formation. <i>Frontiers in Immunology</i> , 2019 , 10, 1899	8.4	13
69	The Significance of Oxidized Low-Density Lipoprotein in Body Fluids as a Marker Related to Diseased Conditions. <i>Current Medicinal Chemistry</i> , 2019 , 26, 1576-1593	4.3	11
68	Temporal and spatial changes of peroxiredoxin 2 levels in aortic media at very early stages of atherosclerotic lesion formation in apoE-knockout mice. <i>Free Radical Biology and Medicine</i> , 2019 , 130, 348-360	7.8	5
67	The group VIA calcium-independent phospholipase A and NFATc4 pathway mediates IL-1 β induced expression of chemokines CCL2 and CXCL10 in rat fibroblasts. <i>FEBS Journal</i> , 2018 , 285, 2056-2070	5.7	6
66	A Standard Intervention Practice to Promote Appropriate Lamotrigine Therapy by Pharmacists. <i>Biological and Pharmaceutical Bulletin</i> , 2018 , 41, 465-469	2.3	3
65	Hypertension Enhances Advanced Atherosclerosis and Induces Cardiac Death in Watanabe Heritable Hyperlipidemic Rabbits. <i>American Journal of Pathology</i> , 2018 , 188, 2936-2947	5.8	22
64	Quantitative proteomic analysis of gingival crevicular fluids from deciduous and permanent teeth. <i>Journal of Clinical Periodontology</i> , 2017 , 44, 353-362	7.7	12
63	Perilipins: a diversity of intracellular lipid droplet proteins. <i>Lipids in Health and Disease</i> , 2017 , 16, 83	4.4	129
62	Calpain-6 confers atherogenicity to macrophages by dysregulating pre-mRNA splicing. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3417-32	15.9	25
61	Characterization of lipid droplets in steroidogenic MLTC-1 Leydig cells: Protein profiles and the morphological change induced by hormone stimulation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 1285-95	5	21

60	Olanzapine promotes the accumulation of lipid droplets and the expression of multiple perilipins in human adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 467, 906-12	3.4	15
59	The apolipoprotein B concentration in gingival crevicular fluid increases in patients with diabetes mellitus. <i>Clinical Biochemistry</i> , 2014 , 47, 67-71	3.5	8
58	Add-on effect of probucol in atherosclerotic, cholesterol-fed rabbits treated with atorvastatin. <i>PLoS ONE</i> , 2014 , 9, e96929	3.7	15
57	Time course-changes in phosphatidylcholine profile during oxidative modification of low-density lipoprotein. <i>Lipids in Health and Disease</i> , 2014 , 13, 48	4.4	19
56	Positive association between plasma levels of oxidized low-density lipoprotein and myeloperoxidase after hemodialysis in patients with diabetic end-stage renal disease. <i>Hemodialysis International</i> , 2013 , 17, 557-67	1.7	10
55	Crucial role of perilipin-3 (TIP47) in formation of lipid droplets and PGE2 production in HL-60-derived neutrophils. <i>PLoS ONE</i> , 2013 , 8, e71542	3.7	19
54	Oxidized low-density lipoprotein as a biomarker of in vivo oxidative stress: from atherosclerosis to periodontitis. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2012 , 51, 1-8	3.1	58
53	Oxidized low-density lipoprotein-induced periodontal inflammation is associated with the up-regulation of cyclooxygenase-2 and microsomal prostaglandin synthase 1 in human gingival epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 413, 566-71	3.4	18
52	Dietary cholesterol reduces plasma triacylglycerol in apolipoprotein E-null mice: suppression of lipin-1 and -2 in the glycerol-3-phosphate pathway. <i>PLoS ONE</i> , 2011 , 6, e22917	3.7	7
51	Lipid peroxidation modification of protein generates Nepsilon-(4-oxononanoyl)lysine as a pro-inflammatory ligand. <i>Journal of Biological Chemistry</i> , 2011 , 286, 19943-57	5.4	27
50	The Dynamics of Oxidized LDL during Atherogenesis. <i>Journal of Lipids</i> , 2011 , 2011, 418313	2.7	69
49	Glucagon regulates intracellular distribution of adipose differentiation-related protein during triacylglycerol accumulation in the liver. <i>Journal of Lipid Research</i> , 2010 , 51, 2571-80	6.3	10
48	Oxidative modification of LDL: its pathological role in atherosclerosis. <i>Clinical Reviews in Allergy and Immunology</i> , 2009 , 37, 4-11	12.3	95
47	Circulating oxidized lipoproteins and cardiovascular risk. <i>Current Cardiovascular Risk Reports</i> , 2009 , 3, 18-22	0.9	2
46	Transient increase in plasma oxidized LDL during the progression of atherosclerosis in apolipoprotein E knockout mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 33-9	9.4	53
45	Docosahexaenoic acid induces adipose differentiation-related protein through activation of retinoid x receptor in human choriocarcinoma BeWo cells. <i>Biological and Pharmaceutical Bulletin</i> , 2009 , 32, 1177-82	2.3	26
44	Protection against oxidative stress-induced hepatic injury by intracellular type II platelet-activating factor acetylhydrolase by metabolism of oxidized phospholipids in vivo. <i>Journal of Biological Chemistry</i> , 2008 , 283, 1628-1636	5.4	58
43	Induction of apoptosis in PA-1 ovarian cancer cells by vitamin K2 is associated with an increase in the level of TR3/Nur77 and its accumulation in mitochondria and nuclei. <i>Journal of Cancer Research and Clinical Oncology</i> , 2008 , 134, 803-12	4.9	27

42 Quantification of mouse oxidized low-density lipoprotein by sandwich ELISA **2008**, 139-142

41 Measurement of plasma oxidized low-density lipoprotein and its clinical implications. *Journal of Atherosclerosis and Thrombosis*, **2007**, 14, 1-11 4 106

40 Analysis of modified apolipoprotein B-100 structures formed in oxidized low-density lipoprotein using LC-MS/MS. *Proteomics*, **2007**, 7, 2132-41 4.8 56

39 Elevated plasma levels of oxidized low-density lipoprotein relate to the presence of angiographically detected complex and thrombotic coronary artery lesion morphology in patients with unstable angina. *Circulation Journal*, **2007**, 71, 681-7 2.9 32

38 Oxidized phospholipids in the macula increase with age and in eyes with age-related macular degeneration. *Molecular Vision*, **2007**, 13, 772-8 2.3 94

37 Localization of oxidized phosphatidylcholine in nonalcoholic fatty liver disease: impact on disease progression. *Hepatology*, **2006**, 43, 506-14 11.2 111

36 ADRP/adipophilin is degraded through the proteasome-dependent pathway during regression of lipid-storing cells. *Journal of Lipid Research*, **2006**, 47, 87-98 6.3 110

35 Persistent high levels of plasma oxidized low-density lipoprotein after acute myocardial infarction predict stent restenosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 877-83 9.4 62

34 A novel 21-kDa cytochrome c-releasing factor is generated upon treatment of human leukemia U937 cells with geranylgeraniol. *Biochemical and Biophysical Research Communications*, **2006**, 346, 454-60 3.4 22

33 Production of superoxide and dissipation of mitochondrial transmembrane potential by vitamin K2 trigger apoptosis in human ovarian cancer TYK-nu cells. *Apoptosis: an International Journal on Programmed Cell Death*, **2006**, 11, 1535-43 5.4 30

32 Elevation of plasma oxidized LDL in acute stroke patients is associated with ischemic lesions depicted by DWI and predictive of infarct enlargement. *Neurological Research*, **2005**, 27, 94-102 2.7 35

31 Inhibition of brain damage by edaravone, a free radical scavenger, can be monitored by plasma biomarkers that detect oxidative and astrocyte damage in patients with acute cerebral infarction. *Free Radical Biology and Medicine*, **2005**, 39, 1109-16 7.8 45

30 Searching for Oxidized Low-Density Lipoproteins In Vivo. *Journal of Clinical Biochemistry and Nutrition*, **2005**, 37, 1-8 3.1 2

29 Increased oxidative biomarker in plasma reflects the cerebral oxidative damage in rats. *Journal of Cerebral Blood Flow and Metabolism*, **2005**, 25, S442-S442 7.3

28 Imbalance between oxidant/antioxidant systems contributes to plaque vulnerability in patients who underwent carotid endarterectomy. *Journal of Cerebral Blood Flow and Metabolism*, **2005**, 25, S125-S125 7.3

27 Identification of major proteins in the lipid droplet-enriched fraction isolated from the human hepatocyte cell line HuH7. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2004**, 1644, 47-59 4.9 258

26 Oxidized low-density lipoprotein levels circulating in plasma and deposited in the tissues: comparison between *Helicobacter pylori*-associated gastritis and acute myocardial infarction. *American Heart Journal*, **2004**, 148, 818-25 4.9 30

25 1. Atherosclerosis and oxidative stress (L2-A Atherosclerosis : Basic research and current clinical issues). *Japanese Journal of Neurosurgery*, **2004**, 13, 316 0

24	The Possible Origin of Oxidized Low-Density Lipoproteins in the Circulation. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2004 , 34, 25-34	3.1	
23	Oxidized low-density lipoproteins: what is understood and what remains to be clarified. <i>Biological and Pharmaceutical Bulletin</i> , 2003 , 26, 1-9	2.3	106
22	Minimally modified LDL is an oxidized LDL enriched with oxidized phosphatidylcholines. <i>Journal of Biochemistry</i> , 2003 , 134, 459-65	3.1	45
21	Pathophysiological role of oxidized low-density lipoprotein in plaque instability in coronary artery diseases. <i>Journal of Diabetes and Its Complications</i> , 2002 , 16, 60-4	3.2	38
20	Oxidized LDL in carotid plaques and plasma associates with plaque instability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1649-54	9.4	321
19	Heme oxygenase-1 inhibits atherogenesis in Watanabe heritable hyperlipidemic rabbits. <i>Circulation</i> , 2001 , 104, 1831-6	16.7	119
18	Elevated levels of oxidized low density lipoprotein show a positive relationship with the severity of acute coronary syndromes. <i>Circulation</i> , 2001 , 103, 1955-60	16.7	619
17	Simple and practical sandwich-type enzyme immunoassay for human oxidatively modified low density lipoprotein using antioxidantized phosphatidylcholine monoclonal antibody and antihuman apolipoprotein-B antibody. <i>Clinical Biochemistry</i> , 2000 , 33, 243-53	3.5	57
16	Oxidized low-density lipoprotein is associated with apoptosis of vascular smooth muscle cells in human atherosclerotic plaques. <i>Circulation</i> , 2000 , 102, 2680-6	16.7	100
15	Circulating oxidized low density lipoprotein levels. A biochemical risk marker for coronary heart disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 2243-7	9.4	312
14	Hemodialysis impairs endothelial function via oxidative stress: effects of vitamin E-coated dialyzer. <i>Circulation</i> , 2000 , 101, 1002-6	16.7	182
13	Onion-bulb formation after a single compression injury in the macrophage scavenger receptor knockout mice. <i>Experimental Neurology</i> , 2000 , 166, 83-9	5.7	11
12	Lysosomal accumulation of oxidized phosphatidylcholine-apolipoprotein B complex in macrophages: intracellular fate of oxidized low density lipoprotein. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000 , 1487, 233-45	5	33
11	In vivo and in vitro evidence for the glycooxidation of low density lipoprotein in human atherosclerotic plaques. <i>Atherosclerosis</i> , 2000 , 150, 343-55	3.1	57
10	Lipoprotein Modification and Atherosclerosis 2000 , 49, 687-694,732		
9	Monoclonal autoantibodies specific for oxidized phospholipids or oxidized phospholipid-protein adducts inhibit macrophage uptake of oxidized low-density lipoproteins. <i>Journal of Clinical Investigation</i> , 1999 , 103, 117-28	15.9	429
8	Oxidized phospholipids as a new landmark in atherosclerosis. <i>Progress in Lipid Research</i> , 1998 , 37, 181-207	4.3	74
7	Appearance of cross linked proteins in human atheroma and rat pre-fibrotic liver detected by a new monoclonal antibody. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1998 , 1406, 28-39	6.9	14

6	Modified structures and metabolism of oxidized LDL. <i>The Journal of Japan Atherosclerosis Society</i> , 1998 , 26, 17-21		
5	Single LDL apheresis improves endothelium-dependent vasodilatation in hypercholesterolemic humans. <i>Circulation</i> , 1997 , 95, 76-82	16.7	387
4	Oxidized phosphatidylcholines that modify proteins. Analysis by monoclonal antibody against oxidized low density lipoprotein. <i>Journal of Biological Chemistry</i> , 1996 , 271, 33208-17	5.4	107
3	Characterization of vitronectins in atherosclerotic lesions. <i>Journal of Atherosclerosis and Thrombosis</i> , 1996 , 3, 25-31	4	5
2	A New Anti-oxidized LDL Monoclonal Antibody that Recognizes Foam Cells. <i>The Journal of Japan Atherosclerosis Society</i> , 1994 , 22, 275-280		1
1	Preferential hydrolysis of oxidized phospholipids by peritoneal fluid of rats treated with casein. <i>Lipids and Lipid Metabolism</i> , 1988 , 963, 192-200		13