

Dominique Bonnefont-Rousselot

List of Publications by Year in descending order

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82
papers

3,882
citations

168829

31
h-index

145109

60
g-index

83
all docs

83
docs citations

83
times ranked

6922
citing authors

#	ARTICLE	IF	CITATIONS
1	Homeostasis model assessment of insulin resistance and lobular inflammation in nondiabetic patients with nonalcoholic fatty liver disease: methodological considerations. <i>European Journal of Gastroenterology and Hepatology</i> , 2020, 32, 542-542.	0.8	0
2	Postprandial lipid absorption in seven heterozygous carriers of deleterious variants of MTTP in two abetalipoproteinemic families. <i>Journal of Clinical Lipidology</i> , 2019, 13, 201-212.	0.6	6
3	Determination of age- and sex-specific 99th percentiles for high-sensitive troponin T from patients: an analytical imprecision- and partitioning-based approach. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 818-829.	1.4	27
4	Use of Resveratrol Self-Emulsifying Systems in T/C28a2 Cell Line as Beneficial Effectors in Cellular Uptake and Protection Against Oxidative Stress-Mediated Death. <i>Frontiers in Pharmacology</i> , 2018, 9, 538.	1.6	8
5	Long-term outcome in 53 patients with homozygous familial hypercholesterolaemia in a single centre in France. <i>Atherosclerosis</i> , 2017, 257, 130-137.	0.4	34
6	Lack of effects of statins on high-density lipoprotein subfractions in HIV-1-infected patients receiving protease inhibitors. <i>Comptes Rendus - Biologies</i> , 2017, 340, 109-113.	0.1	4
7	Use of HOMA-IR to diagnose non-alcoholic fatty liver disease: a population-based and inter-laboratory study. <i>Diabetologia</i> , 2017, 60, 1873-1882.	2.9	85
8	Serum apolipoprotein A1 and haptoglobin, in patients with suspected drug-induced liver injury (DILI) as biomarkers of recovery. <i>PLoS ONE</i> , 2017, 12, e0189436.	1.1	13
9	Resveratrol and Cardiovascular Diseases. <i>Nutrients</i> , 2016, 8, 250.	1.7	311
10	Plasma endothelin-1 in acute heart failure: pathophysiological and preanalytical considerations. <i>European Journal of Heart Failure</i> , 2016, 18, 579-579.	2.9	2
11	Introducing High-Sensitivity Cardiac Troponin T as a Biomarker of OSA-Related Cardiovascular Morbidity in Obesity Hypoventilation Syndrome. <i>Chest</i> , 2016, 150, 1408-1409.	0.4	1
12	Comparison of a 10- vs. 15-min centrifugation time for chemical and immunochemical assays and impact on turnaround time in a hospital laboratory. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e117-21.	1.4	7
13	Citrulline Supplementation Induces Changes in Body Composition and Limits Age-Related Metabolic Changes in Healthy Male Rats. <i>Journal of Nutrition</i> , 2015, 145, 1429-1437.	1.3	43
14	Hemolysis indexes for biochemical tests and immunoassays on Roche analyzers: Determination of allowable interference limits according to different calculation methods. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015, 75, 162-169.	0.6	40
15	Resveratrol self-emulsifying system increases the uptake by endothelial cells and improves protection against oxidative stress-mediated death. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 418-426.	2.0	42
16	Homozygous MTTP and APOB mutations may lead to hepatic steatosis and fibrosis despite metabolic differences in congenital hypocholesterolemia. <i>Journal of Hepatology</i> , 2014, 61, 891-902.	1.8	116
17	Endogenous CETP activity as a predictor of cardiovascular risk: Determination of the optimal range. <i>Atherosclerosis</i> , 2013, 227, 165-171.	0.4	14
18	Impact of LDL apheresis on atheroprotective reverse cholesterol transport pathway in familial hypercholesterolemia. <i>Journal of Lipid Research</i> , 2012, 53, 767-775.	2.0	20

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19	Effects of rosuvastatin versus pravastatin on low-density lipoprotein diameter in HIV-1-infected patients receiving ritonavir-boosted protease inhibitor. <i>Aids</i> , 2012, 26, 1801-1805.	1.0	7
20	Determinants of low-density lipoprotein particle diameter during antiretroviral therapy including protease inhibitors in HIV-1-infected patients. <i>Antiviral Therapy</i> , 2012, 17, 855-860.	0.6	6
21	Elevated CETP Activity Improves Plasma Cholesterol Efflux Capacity From Human Macrophages in Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2341-2349.	1.1	36
22	Antioxidant effects of resveratrol and other stilbene derivatives on oxidative stress and NO bioavailability: Potential benefits to cardiovascular diseases. <i>Biochimie</i> , 2012, 94, 269-276.	1.3	137
23	Radical-induced oxidation of trans-resveratrol. <i>Biochimie</i> , 2012, 94, 741-747.	1.3	22
24	Penetration of resveratrol into bovine aortic endothelial cells (BAEC): A possible passive diffusion. <i>Comptes Rendus - Biologies</i> , 2012, 335, 247-252.	0.1	9
25	Real Time Identification of Drug-Induced Liver Injury (DILI) through Daily Screening of ALT Results: A Prospective Pilot Cohort Study. <i>PLoS ONE</i> , 2012, 7, e42418.	1.1	19
26	Reaction mechanism of melatonin oxidation by reactive oxygen species in vitro. <i>Journal of Pineal Research</i> , 2011, 50, 328-335.	3.4	135
27	Melatonin protects PLPC liposomes and LDL towards radical-induced oxidation. <i>Journal of Pineal Research</i> , 2011, 51, 286-296.	3.4	19
28	What are the best reference values for a normal serum alanine transaminase activity (ALT)? Impact on the presumed prevalence of drug induced liver injury (DILI). <i>Regulatory Toxicology and Pharmacology</i> , 2011, 60, 290-295.	1.3	32
29	Piceatannol is more effective than resveratrol in restoring endothelial cell dimethylarginine dimethylaminohydrolase expression and activity after high-glucose oxidative stress. <i>Free Radical Research</i> , 2011, 45, 293-302.	1.5	55
30	Molecular analysis and intestinal expression of SAR1 genes and proteins in Anderson's disease (Chylomicron retention disease). <i>Orphanet Journal of Rare Diseases</i> , 2011, 6, 1.	1.2	116
31	Atheroprotective Reverse Cholesterol Transport Pathway Is Defective in Familial Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1675-1681.	1.1	76
32	Rosuvastatin versus pravastatin in dyslipidemic HIV-1-infected patients receiving protease inhibitors: a randomized trial. <i>Aids</i> , 2010, 24, 77-83.	1.0	74
33	Melatonin: Action as antioxidant and potential applications in human disease and aging. <i>Toxicology</i> , 2010, 278, 55-67.	2.0	258
34	Interaction between non-anionic phospholipids and cytochrome c induced by reactive oxygen species. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 538-544.	1.5	2
35	Liquid chromatographic/electrospray ionization mass spectrometric identification of the oxidation end-products of <i>trans</i> -resveratrol in aqueous solutions. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 634-642.	0.7	11
36	Assessment of adrenal function in cirrhotic patients: Salivary cortisol should be preferred. <i>Journal of Hepatology</i> , 2010, 52, 839-845.	1.8	102

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37	Cryptogenic cirrhosis in a patient with familial hypocholesterolemia due to a new truncated form of apolipoprotein B. <i>European Journal of Gastroenterology and Hepatology</i> , 2009, 21, 104-108.	0.8	33
38	Metformin suppresses high glucose-induced poly(adenosine diphosphate-ribose) polymerase overactivation in aortic endothelial cells. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 525-533.	1.5	8
39	Protective effects of glutamine dipeptide and Î±-tocopherol against ischemia-reperfusion injury in the isolated rat liver. <i>Clinical Nutrition</i> , 2009, 28, 331-337.	2.3	24
40	Ex vivo effects of high-density lipoprotein exposure on the lipopolysaccharide-induced inflammatory response in patients with severe cirrhosis. <i>Hepatology</i> , 2009, 49, 175-184.	3.6	69
41	Possible mechanisms involved in the discrepancy of hepatic and aortic endothelial nitric oxide synthases during the development of cirrhosis in rats. <i>Liver International</i> , 2009, 29, 692-700.	1.9	9
42	Simple spectrophotometric assessment of the trans-/cis-resveratrol ratio in aqueous solutions. <i>Analytica Chimica Acta</i> , 2009, 634, 121-128.	2.6	130
43	Online H/D exchange liquid chromatography as a support for the mass spectrometric identification of the oxidation products of melatonin. <i>Journal of Mass Spectrometry</i> , 2009, 44, 318-329.	0.7	14
44	Radiolytic Yield of Cardiolipin Peroxidation by Gamma Rays in Large Unilamellar Vesicles of Phosphatidylcholine. <i>Radiation Research</i> , 2009, 171, 622-630.	0.7	4
45	Chain-breaking activity of resveratrol and piceatannol in a linoleate micellar model. <i>Chemistry and Physics of Lipids</i> , 2008, 155, 48-56.	1.5	32
46	An Accurate Definition of the Status of Inactive Hepatitis B Virus Carrier by a Combination of Biomarkers (FibroTest-ActiTest) and Viral Load. <i>PLoS ONE</i> , 2008, 3, e2573.	1.1	64
47	Metformin reduces endothelial cell expression of both the receptor for advanced glycation end products and lectin-like oxidized receptor 1. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 308-313.	1.5	52
48	High-density lipoprotein administration attenuates liver proinflammatory response, restores liver endothelial nitric oxide synthase activity, and lowers portal pressure in cirrhotic rats. <i>Hepatology</i> , 2007, 46, 1893-1906.	3.6	76
49	Quantification of the water/lipid affinity of melatonin and a pinoline derivative in lipid models. <i>Journal of Pineal Research</i> , 2007, 42, 330-337.	3.4	13
50	Protective Effects of 4-Hydroxycinnamic Ethyl Ester Derivatives and Related Dehydrodimers against Oxidation of LDL: A Radical Scavengers or Metal Chelators?. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1898-1905.	2.4	22
51	Cholesteryl ester hydroperoxides increase macrophage CD36 gene expression via PPARÎ±. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 733-738.	1.0	30
52	Increased Susceptibility of Low-Density Lipoprotein to Ex Vivo Oxidation in Mice Transgenic for Human Apolipoprotein B Treated with 1 Melatonin-Related Compound Is Not Associated with Atherosclerosis Progression. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 46, 241-249.	0.8	18
53	Does dietary ornithine Î±-ketoglutarate supplementation protect the liver against ischemia-reperfusion injury?. <i>Clinical Nutrition</i> , 2005, 24, 375-384.	2.3	10
54	Metformin decreases intracellular production of reactive oxygen species in aortic endothelial cells. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 829-834.	1.5	178

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55	4-Hydroxycinnamic Ethyl Ester Derivatives and Related Dehydrodimers: Relationship between Oxidation Potential and Protective Effects against Oxidation of Low-Density Lipoproteins. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2084-2091.	2.4	35
56	The Role of Antioxidant Micronutrients in the Prevention of Diabetic Complications. <i>Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders</i> , 2004, 3, 41-52.	1.8	117
57	Gamma radiolysis as a tool to study lipoprotein oxidation mechanisms. <i>Biochimie</i> , 2004, 86, 903-911.	1.3	19
58	Paradoxical Protective Effect of Aminoguanidine toward Low-Density Lipoprotein Oxidation: Inhibition of Apolipoprotein B Fragmentation without Preventing Its Carbonylation. Mechanism of Action of Aminoguanidine. <i>Biochemistry</i> , 2003, 42, 11356-11365.	1.2	28
59	Extent of copper LDL oxidation depends on oxidation time and copper/LDL ratio: chemical characterization. <i>Archives of Biochemistry and Biophysics</i> , 2003, 420, 68-78.	1.4	23
60	Protection of endogenous β -carotene in LDL oxidized by oxygen free radicals in the presence of supraphysiological concentrations of melatonin. <i>Redox Report</i> , 2003, 8, 95-104.	1.4	10
61	Catecholamine effects on cardiac remodelling, oxidative stress and fibrosis in experimental heart failure. <i>Redox Report</i> , 2002, 7, 145-151.	1.4	29
62	Glucose and reactive oxygen species. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2002, 5, 561-568.	1.3	381
63	In vitro low-density lipoprotein oxidation by copper or $\text{OH}/\text{O}_2^{\bullet-}$: new features on carbonylation and fragmentation of apolipoprotein B during the lag phase. <i>Archives of Biochemistry and Biophysics</i> , 2002, 404, 10-17.	1.4	7
64	Daily melatonin supplementation in mice increases atherosclerosis in proximal aorta. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1114-1123.	1.0	31
65	Melatonin related compounds inhibit lipid peroxidation during copper or free radical-induced LDL oxidation. <i>Journal of Pineal Research</i> , 2002, 33, 109-117.	3.4	25
66	Comparison of the effects of $\text{O}_2^{\bullet-}/\text{HO}^{\bullet}$ free radical- and copper ions-oxidized LDL or lipoprotein(a) on the endothelial cell releases of tissue Plasminogen Activator and Plasminogen Activator Inhibitor-1. <i>Life Sciences</i> , 2001, 69, 2371-2382.	2.0	10
67	Antioxidant Effect of Ethanol toward In Vitro Peroxidation of Human Low-Density Lipoproteins Initiated by Oxygen Free Radicals. <i>Radiation Research</i> , 2001, 155, 279-287.	0.7	18
68	Biomarkers of oxidative stress: an analytical approach. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2000, 3, 373-384.	1.3	135
69	Protection of Endogenous Vitamin E and Beta-Carotene by Aminoguanidine upon Oxidation of Human Low-Density Lipoproteins by $\text{OH}/\text{O}_2^{\bullet-}$. <i>Radiation Research</i> , 2000, 153, 497-507.	0.7	8
70	Oxidizability of Atherogenic Low-Density Lipoprotein Subspecies in Severe Familial Hypercholesterolemia: Impact of Long-Term Low-Density Lipoprotein Apheresis. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2000, 5, 87-103.	1.0	10
71	Effects of Prolonged Propranolol Treatment on Left Ventricular Remodeling and Oxidative Stress After Myocardial Infarction in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 35, 806-813.	0.8	16
72	High Density Lipoproteins (HDL) and the Oxidative Hypothesis of Atherosclerosis. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999, 37, 939-48.	1.4	55

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73	Consequences of treatment with dexamethasone in rats on the susceptibility of total plasma and isolated lipoprotein fractions to copper oxidation. <i>Endocrine</i> , 1999, 10, 233-242.	2.2	4
74	Major differences in oxysterol formation in human low density lipoproteins (LDLs) oxidized by OH/O ₂ [•] free radicals or by copper. <i>FEBS Letters</i> , 1999, 451, 103-108.	1.3	15
75	Antioxidant Effect of Probuconol on RO ₂ [•] /O ₂ [•] -Induced Peroxidation of Human Low-Density Lipoproteins. <i>Radiation Research</i> , 1999, 151, 343.	0.7	13
76	Copper Oxidation of in Vitro Dioleoylphosphatidylcholine-Enriched High-Density Lipoproteins: Physicochemical Features and Cholesterol Effluxing Capacity. <i>Archives of Biochemistry and Biophysics</i> , 1999, 362, 139-147.	1.4	9
77	Oxidation of Human High-Density Lipoproteins by [•] OH and [•] OH/O ₂ [•] -Free Radicals. <i>Radiation Research</i> , 1997, 147, 721.	0.7	19
78	Reciprocal protection of LDL and HDL oxidised by [•] OH free radicals in the presence of oxygen. <i>FEBS Letters</i> , 1997, 403, 70-74.	1.3	10
79	Î±-Tocopherol Enrichment of High-Density Lipoproteins: Stabilization of Hydroperoxides Produced During Copper Oxidation. <i>Free Radical Biology and Medicine</i> , 1997, 22, 185-194.	1.3	28
80	Physicochemical changes in human high-density lipoproteins (HDL) oxidized by gamma radiolysis-generated oxyradicals. Effect on their cholesterol effluxing capacity. <i>Lipids and Lipid Metabolism</i> , 1995, 1255, 23-30.	2.6	66
81	Oxidation of Low-Density Lipoproteins by OH [•] and $\{m\text{OH}\}\cdot / \{m\text{O}\}_2^{\overline{\cdot}}$ Free Radicals Produced by Gamma Radiolysis. <i>Radiation Research</i> , 1993, 134, 271.	0.7	32
82	Effect of pH on Low-Density Lipoprotein Oxidation by $\{m\text{O}\}_2^{\overline{\cdot}}$ / $\{m\text{HO}\}_2^{\ulcorner}$ Free Radicals Produced by Gamma Radiolysis. <i>Radiation Research</i> , 1992, 132, 228.	0.7	21