

Jaffar Nourooz-Zadeh

List of Publications by Year in descending order

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52
papers

3,406
citations

201385

27
h-index

197535

49
g-index

57
all docs

57
docs citations

57
times ranked

3123
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of Plasma Hydroperoxide Concentrations by the Ferrous Oxidation-Xylenol Orange Assay in Conjunction with Triphenylphosphine. <i>Analytical Biochemistry</i> , 1994, 220, 403-409.	1.1	613
2	Elevated Levels of Authentic Plasma Hydroperoxides in NIDDM. <i>Diabetes</i> , 1995, 44, 1054-1058.	0.3	244
3	Ferrous ion oxidation in presence of xylenol orange for detection of lipid hydroperoxides in plasma. <i>Methods in Enzymology</i> , 1999, 300, 58-62.	0.4	183
4	F4 - Isoprostanes as Specific Marker of Docosahexaenoic Acid Peroxidation in Alzheimer's Disease. <i>Journal of Neurochemistry</i> , 1999, 72, 734-740.	2.1	166
5	Oxidative Stress and Antioxidant Defense in Relation to the Severity of Diabetic Polyneuropathy and Cardiovascular Autonomic Neuropathy. <i>Diabetes Care</i> , 2004, 27, 2178-2183.	4.3	146
6	Low-density lipoprotein is the major carrier of lipid hydroperoxides in plasma. Relevance to determination of total plasma lipid hydroperoxide concentrations. <i>Biochemical Journal</i> , 1996, 313, 781-786.	1.7	143
7	Re-evaluation of the ferrous oxidation in xylenol orange assay for the measurement of plasma lipid hydroperoxides. <i>Journal of Proteomics</i> , 1998, 37, 137-146.	2.4	127
8	Early oxidative stress in the diabetic kidney: effect of DL- α -lipoic acid. <i>Free Radical Biology and Medicine</i> , 2003, 34, 186-195.	1.3	127
9	α -lipoic acid decreases oxidative stress even in diabetic patients with poor glycemic control and albuminuria. <i>Free Radical Biology and Medicine</i> , 1999, 26, 1495-1500.	1.3	121
10	Probucol inhibits neointimal thickening and macrophage accumulation after balloon injury in the cholesterol-fed rabbit.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 11312-11316.	3.3	120
11	Cholesterol Oxides in Swedish Foods and Food Ingredients: Milk Powder Products. <i>Journal of Food Science</i> , 1988, 53, 74-79.	1.5	119
12	F4-Isoprostanes: A Novel Class of Prostanoids Formed during Peroxidation of Docosahexaenoic Acid (DHA). <i>Biochemical and Biophysical Research Communications</i> , 1998, 242, 338-344.	1.0	98
13	Increased oxidative damage to all DNA bases in patients with type II diabetes mellitus. <i>FEBS Letters</i> , 1999, 448, 120-122.	1.3	98
14	Measurement of Hydroperoxides in Edible Oils Using the Ferrous Oxidation in Xylenol Orange Assay. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 17-21.	2.4	95
15	Evidence for the Formation of F3-Isoprostanes during Peroxidation of Eicosapentaenoic Acid. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 467-472.	1.0	93
16	Elevated levels of authentic plasma hydroperoxides in NIDDM. <i>Diabetes</i> , 1995, 44, 1054-1058.	0.3	89
17	Cholesterol Oxides in Swedish Foods and Food Ingredients: Fresh Eggs and Dehydrated Egg Products. <i>Journal of Food Science</i> , 1987, 52, 57-62.	1.5	88
18	Formation of PGF2-Isoprostanes During the Oxidative Modification of Low Density Lipoprotein. <i>Biochemical and Biophysical Research Communications</i> , 1994, 200, 338-343.	1.0	61

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19	Isolation and quantitative determination of sterol oxides in plant-based foods: Soybean oil and wheat flour. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1992, 69, 288-293.	0.8	59
20	Determination of the autoxidation products from free or total cholesterol: a new multistep enrichment methodology including the enzymic release of esterified cholesterol. <i>Journal of Agricultural and Food Chemistry</i> , 1990, 38, 1667-1673.	2.4	53
21	Key issues in F ₂ -isoprostane analysis. <i>Biochemical Society Transactions</i> , 2008, 36, 1060-1065.	1.6	50
22	Probucol inhibits mononuclear cell adhesion to vascular endothelium in the cholesterol-fed rabbit. <i>Atherosclerosis</i> , 1993, 100, 171-181.	0.4	44
23	Oxidative stress predicts progression of peripheral and cardiac autonomic nerve dysfunction over 6 years in diabetic patients. <i>Acta Diabetologica</i> , 2015, 52, 65-72.	1.2	36
24	Hypothesis: UK consumption of dietary lipid hydroperoxides is a possible contributory factor to atherosclerosis. <i>Atherosclerosis</i> , 1996, 119, 261-263.	0.4	32
25	Activation of Aldose Reductase in Rat Lens and Metal-Ion Chelation by Aldose Reductase Inhibitors and Lipic Acid. <i>Free Radical Research</i> , 1996, 25, 337-346.	1.5	32
26	Race-Specific Differences in Antioxidant Enzyme Activity in Patients With Type 2 Diabetes: A potential association with the risk of developing nephropathy. <i>Diabetes Care</i> , 2005, 28, 1698-1703.	4.3	32
27	Cholesterol oxides in Swedish foods and food ingredients: Butter and cheese. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1988, 65, 1635-1641.	0.8	29
28	The steady-state levels of oxidative DNA damage and of lipid peroxidation (F ₂ -isoprostanes) are not correlated in healthy human subjects. <i>Free Radical Research</i> , 2000, 32, 355-362.	1.5	29
29	F ₂ -Isoprostanes, Potential Specific Markers of Oxidative Damage in Human Retina. <i>Ophthalmic Research</i> , 2000, 32, 133-137.	1.0	28
30	Analysis of Monohydroxyeicosatetraenoic Acids and F ₂ -isoprostanes as Markers of Lipid Peroxidation in Rat Brain Mitochondria. <i>Free Radical Research</i> , 2002, 36, 1-11.	1.5	27
31	Cholesterol oxides in Swedish food and food ingredients: Lard and bacon. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1989, 66, 586-592.	0.8	24
32	The use of Pholasin® as a probe for the determination of plasma total antioxidant capacity. <i>Clinical Biochemistry</i> , 2006, 39, 55-61.	0.8	24
33	Formation of cyclic products from the diepoxide of long-chain fatty esters by cytosolic epoxide hydrolase. <i>Archives of Biochemistry and Biophysics</i> , 1992, 294, 586-593.	1.4	22
34	Characterization of the cytosolic epoxide hydrolase-catalyzed hydration products from 9,10:12,13-diepoxystearic esters. <i>Archives of Biochemistry and Biophysics</i> , 1992, 294, 675-685.	1.4	21
35	Gas chromatography-mass spectrometry assay for measurement of plasma isoprostanes. <i>Methods in Enzymology</i> , 1999, 300, 13-17.	0.4	20
36	Serum Selenium Status and Its Interrelationship with Serum Biomarkers of Thyroid Function and Antioxidant Defense in Hashimoto's Thyroiditis. <i>Antioxidants</i> , 2020, 9, 1070.	2.2	19

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37	Stereochemical aspects of cytosolic epoxide hydrolase hydration of methyl diepoxystearates. <i>Tetrahedron</i> , 1993, 49, 2601-2612.	1.0	18
38	Age-Related Accumulation of Free Polyunsaturated Fatty Acids in Human Retina. <i>Ophthalmic Research</i> , 1999, 31, 273-279.	1.0	15
39	Circulating vitamin E, transforming growth factor β 1, and the association with renal disease susceptibility in two racial groups with type 2 diabetes. <i>Kidney International</i> , 2005, 67, 1993-1998.	2.6	13
40	Measurement of plasma probucol levels by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1994, 654, 55-60.	1.7	10
41	Oxidative/nitrative stress in the pathogenesis of systemic sclerosis: are antioxidants beneficial?. <i>Free Radical Research</i> , 2018, 52, 1063-1082.	1.5	10
42	Nutritional Iodine Status in Gestation and its Relation to Geographic Features in Urmia County of Northwest Iran. <i>Food and Nutrition Bulletin</i> , 2012, 33, 267-272.	0.5	6
43	Lipopolysaccharide-induced VEGF production and ambient oxidative stress in type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1-6.	1.8	6
44	Biochemical characterization of a variant form of cytosolic epoxide hydrolase induced by parental exposure to N-ethyl-N-nitrosourea. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992, 103, 207-214.	0.2	4
45	Properties of enzymes hydrating epoxides in human epidermis and liver. <i>International Journal of Biochemistry & Cell Biology</i> , 1993, 25, 1291-1301.	0.8	4
46	Impact of diabetic polyneuropathy and cardiovascular autonomic neuropathy on the excretion of urinary 8-epi-PGF ₂ α and its metabolites (2, 3-dinor and 2, 3-dinor-5, 6-dihydro). <i>Free Radical Research</i> , 2006, 40, 723-729.	1.5	3
47	Isoprostane in systemic sclerosis: A systematic review and meta-analysis. <i>Modern Rheumatology</i> , 2019, 29, 470-475.	0.9	3
48	Plasma Glutathione Peroxidase Activity in Kidney Recipients with and without Adverse Outcome. <i>Renal Failure</i> , 2012, 34, 628-633.	0.8	1
49	Assessing the impact of oral iodine supplementation on whole body iodine store, thyroid autoimmunity and serum biochemistry profile in women of childbearing age. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2018, 14, 8-14.	1.7	1
50	Inter relationship between thyroid hormones and selenium in individuals with normal thyroid function. <i>Clinical Biochemistry</i> , 2011, 44, S107-S108.	0.8	0
51	Impact of iron status on other trace elements during puberty. <i>Clinical Biochemistry</i> , 2011, 44, S108.	0.8	0
52	Evaluation the performance of serum neutrophil gelatinase associated lipocalin as a biomarker of allograft dysfunction in kidney recipients from living donors. <i>Journal of Renal Injury Prevention</i> , 2021, 10, e30-e30.	0.6	0