

# Jaffar Nourooz-Zadeh

## List of Publications by Citations

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50  
papers

2,976  
citations

27  
h-index

54  
g-index

57  
ext. papers

3,135  
ext. citations

4.1  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
50	Measurement of plasma hydroperoxide concentrations by the ferrous oxidation-xylenol orange assay in conjunction with triphenylphosphine. <i>Analytical Biochemistry</i> , <b>1994</b> , 220, 403-9	3.1	560
49	Elevated levels of authentic plasma hydroperoxides in NIDDM. <i>Diabetes</i> , <b>1995</b> , 44, 1054-8	0.9	217
48	Ferrous ion oxidation in presence of xylenol orange for detection of lipid hydroperoxides in plasma. <i>Methods in Enzymology</i> , <b>1999</b> , 300, 58-62	1.7	156
47	F4-isoprostanes as specific marker of docosahexaenoic acid peroxidation in Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>1999</b> , 72, 734-40	6	139
46	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> , <b>1996</b> , 313 (Pt 3), 781-6	3.8	133
45	Oxidative stress and antioxidant defense in relation to the severity of diabetic polyneuropathy and cardiovascular autonomic neuropathy. <i>Diabetes Care</i> , <b>2004</b> , 27, 2178-83	14.6	125
44	Early oxidative stress in the diabetic kidney: effect of DL-alpha-lipoic acid. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 34, 186-95	7.8	111
43	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> , <b>1992</b> , 89, 11312-6	11.5	110
42	Re-evaluation of the ferrous oxidation in xylenol orange assay for the measurement of plasma lipid hydroperoxides. <i>Journal of Proteomics</i> , <b>1998</b> , 37, 137-46		109
41	alpha-Lipoic acid decreases oxidative stress even in diabetic patients with poor glycemic control and albuminuria. <i>Free Radical Biology and Medicine</i> , <b>1999</b> , 26, 1495-500	7.8	105
40	Cholesterol Oxides in Swedish Foods and Food Ingredients: Milk Powder Products. <i>Journal of Food Science</i> , <b>1988</b> , 53, 74-79	3.4	101
39	F4-isoprostanes: a novel class of prostanoids formed during peroxidation of docosahexaenoic acid (DHA). <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 242, 338-44	3.4	89
38	Evidence for the formation of F3-isoprostanes during peroxidation of eicosapentaenoic acid. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 236, 467-72	3.4	84
37	Measurement of Hydroperoxides in Edible Oils Using the Ferrous Oxidation in Xylenol Orange Assay. <i>Journal of Agricultural and Food Chemistry</i> , <b>1995</b> , 43, 17-21	5.7	81
36	Increased oxidative damage to all DNA bases in patients with type II diabetes mellitus. <i>FEBS Letters</i> , <b>1999</b> , 448, 120-2	3.8	78
35	Cholesterol Oxides in Swedish Foods and Food Ingredients: Fresh Eggs and Dehydrated Egg Products. <i>Journal of Food Science</i> , <b>1987</b> , 52, 57-62	3.4	77
34	Elevated levels of authentic plasma hydroperoxides in NIDDM. <i>Diabetes</i> , <b>1995</b> , 44, 1054-1058	0.9	65

33	Formation of PGF <sub>2</sub> -isoprostanes during the oxidative modification of low density lipoprotein. <i>Biochemical and Biophysical Research Communications</i> , <b>1994</b> , 200, 338-43	3.4	58
32	Isolation and quantitative determination of sterol oxides in plant-based foods: Soybean oil and wheat flour. <i>JAACS, Journal of the American Oil Chemists Society</i> , <b>1992</b> , 69, 288-293	1.8	54
31	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> , <b>1990</b> , 38, 1667-1673	5.7	48
30	Key issues in F <sub>2</sub> -isoprostane analysis. <i>Biochemical Society Transactions</i> , <b>2008</b> , 36, 1060-5	5.1	47
29	Probucol inhibits mononuclear cell adhesion to vascular endothelium in the cholesterol-fed rabbit. <i>Atherosclerosis</i> , <b>1993</b> , 100, 171-81	3.1	39
28	Oxidative stress predicts progression of peripheral and cardiac autonomic nerve dysfunction over 6 years in diabetic patients. <i>Acta Diabetologica</i> , <b>2015</b> , 52, 65-72	3.9	31
27	Hypothesis: UK consumption of dietary lipid hydroperoxides--a possible contributory factor to atherosclerosis. <i>Atherosclerosis</i> , <b>1996</b> , 119, 261-3	3.1	30
26	Activation of aldose reductase in rat lens and metal-ion chelation by aldose reductase inhibitors and lipoic acid. <i>Free Radical Research</i> , <b>1996</b> , 25, 337-46	4	28
25	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> , <b>2005</b> , 28, 1698-703	14.6	27
24	The steady-state levels of oxidative DNA damage and of lipid peroxidation (F <sub>2</sub> -isoprostanes) are not correlated in healthy human subjects. <i>Free Radical Research</i> , <b>2000</b> , 32, 355-62	4	27
23	Cholesterol oxides in swedish foods and food ingredients: Butter and cheese. <i>JAACS, Journal of the American Oil Chemists Society</i> , <b>1988</b> , 65, 1635-1641	1.8	25
22	The use of phorasin as a probe for the determination of plasma total antioxidant capacity. <i>Clinical Biochemistry</i> , <b>2006</b> , 39, 55-61	3.5	23
21	F(2) isoprostanes, potential specific markers of oxidative damage in human retina. <i>Ophthalmic Research</i> , <b>2000</b> , 32, 133-7	2.9	22
20	Analysis of monohydroxyeicosatetraenoic acids and F <sub>2</sub> -isoprostanes as markers of lipid peroxidation in rat brain mitochondria. <i>Free Radical Research</i> , <b>2002</b> , 36, 1-11	4	21
19	Characterization of the cytosolic epoxide hydrolase-catalyzed hydration products from 9,10:12,13-diepoxy stearic esters. <i>Archives of Biochemistry and Biophysics</i> , <b>1992</b> , 294, 675-85	4.1	21
18	Cholesterol oxides in Swedish food and food ingredients: Lard and bacon. <i>JAACS, Journal of the American Oil Chemists Society</i> , <b>1989</b> , 66, 586-592	1.8	20
17	Gas chromatography-mass spectrometry assay for measurement of plasma isoprostanes. <i>Methods in Enzymology</i> , <b>1999</b> , 300, 13-7	1.7	19
16	Formation of cyclic products from the diepoxide of long-chain fatty esters by cytosolic epoxide hydrolase. <i>Archives of Biochemistry and Biophysics</i> , <b>1992</b> , 294, 586-93	4.1	18

15	Age-related accumulation of free polyunsaturated fatty acids in human retina. <i>Ophthalmic Research</i> , <b>1999</b> , 31, 273-9	2.9	14
14	Stereochemical aspects of cytosolic epoxide hydrolase hydration of methyl diepoxystearates. <i>Tetrahedron</i> , <b>1993</b> , 49, 2601-2612	2.4	14
13	Circulating vitamin E, transforming growth factor beta1, and the association with renal disease susceptibility in two racial groups with type 2 diabetes. <i>Kidney International</i> , <b>2005</b> , 67, 1993-8	9.9	9
12	Serum Selenium Status and Its Interrelationship with Serum Biomarkers of Thyroid Function and Antioxidant Defense in Hashimoto's Thyroiditis. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	8
11	Measurement of plasma probucol levels by high-performance liquid chromatography. <i>Biomedical Applications</i> , <b>1994</b> , 654, 55-60		7
10	Lipopolysaccharide-Induced VEGF Production and Ambient Oxidative Stress in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 1-6	5.6	5
9	Oxidative/nitrative stress in the pathogenesis of systemic sclerosis: are antioxidants beneficial?. <i>Free Radical Research</i> , <b>2018</b> , 52, 1063-1082	4	5
8	Nutritional iodine status in gestation and its relation to geographic features in Urmia County of northwest Iran. <i>Food and Nutrition Bulletin</i> , <b>2012</b> , 33, 267-72	1.8	4
7	Impact of diabetic polyneuropathy and cardiovascular autonomic neuropathy on the excretion of urinary 8-epi-PGF2alpha and its metabolites (2, 3-dinor and 2, 3-dinor-5, 6-dihydro). <i>Free Radical Research</i> , <b>2006</b> , 40, 723-9	4	3
6	Isoprostane in systemic sclerosis: A systematic review and meta-analysis. <i>Modern Rheumatology</i> , <b>2019</b> , 29, 470-475	3.3	3
5	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> , <b>1992</b> , 103, 207-14		2
4	Properties of enzymes hydrating epoxides in human epidermis and liver. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1993</b> , 25, 1291-301		2
3	Plasma glutathione peroxidase activity in kidney recipients with and without adverse outcome. <i>Renal Failure</i> , <b>2012</b> , 34, 628-33	2.9	1
2	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 &amp; Intermediary Metabolism</i> , <b>2018</b> , 14, 8-14	2.8	1
1	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> , <b>2021</b> , 10, e30-e30	1	