

Tonino Bucciarelli

List of Publications by Citations

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59
papers

2,607
citations

23
h-index

50
g-index

59
ext. papers

2,807
ext. citations

5.8
avg. IF

3.8
L-index

#	Paper	IF	Citations
59	In vivo formation of 8-iso-prostaglandin f2alpha and platelet activation in diabetes mellitus: effects of improved metabolic control and vitamin E supplementation. <i>Circulation</i> , 1999 , 99, 224-9	16.7	646
58	In vivo formation of 8-Epi-prostaglandin F2 alpha is increased in hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 3230-5	9.4	320
57	Oxidant stress and aspirin-insensitive thromboxane biosynthesis in severe unstable angina. <i>Circulation</i> , 2000 , 102, 1007-13	16.7	187
56	Increased levels of soluble P-selectin in hypercholesterolemic patients. <i>Circulation</i> , 1998 , 97, 953-7	16.7	156
55	Low-density lipoprotein level reduction by the 3-hydroxy-3-methylglutaryl coenzyme-A inhibitor simvastatin is accompanied by a related reduction of F2-isoprostane formation in hypercholesterolemic subjects: no further effect of vitamin E. <i>Circulation</i> , 2002 , 106, 2543-9	16.7	102
54	Relationship between musculoskeletal symptoms and blood markers of oxidative stress in patients with chronic fatigue syndrome. <i>Neuroscience Letters</i> , 2003 , 335, 151-4	3.3	101
53	Effects of vitamin E supplementation on F(2)-isoprostane and thromboxane biosynthesis in healthy cigarette smokers. <i>Circulation</i> , 2000 , 102, 539-45	16.7	94
52	Effect of thyroid function on LDL oxidation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 18, 732-7	9.4	65
51	Determinants of platelet activation in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2007 , 28, 336-42	5.6	62
50	Decreased in vivo oxidative stress and decreased platelet activation following metformin treatment in newly diagnosed type 2 diabetic subjects. <i>Diabetes/Metabolism Research and Reviews</i> , 2008 , 24, 231-7	7.5	51
49	The role of the antioxidant vitamin supplementation in the prevention of cardiovascular diseases. <i>Expert Opinion on Investigational Drugs</i> , 2007 , 16, 25-32	5.9	51
48	Developmental aspects of detoxifying enzymes in fish (<i>Salmo iridaeus</i>). <i>Free Radical Research</i> , 1994 , 21, 285-94	4	48
47	Genetic determinants of blood pressure responses to caffeine drinking. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 241-8	7	46
46	Increased oxidative stress in prepubertal children born small for gestational age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1372-8	5.6	44
45	Relationship between plasma antioxidant concentrations and carotid intima-media thickness: the Asymptomatic Carotid Atherosclerotic Disease In Manfredonia Study. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009 , 16, 351-7		41
44	Glutathione transferase isoenzymes in normal and neoplastic human kidney tissue. <i>Carcinogenesis</i> , 1991 , 12, 1471-5	4.6	35
43	Differential activity of human, rat, mouse and bacteria glutathione transferase isoenzymes towards 4-nitroquinoline 1-oxide. <i>Carcinogenesis</i> , 1990 , 11, 2267-9	4.6	32

42	Increased systemic oxidative stress after elective endarterectomy: relation to vascular healing and remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 2659-65	9.4	30
41	Electrochemically Synthesized Silver Nanoparticles Are Active Against Planktonic and Biofilm Cells of and Other Cystic Fibrosis-Associated Bacterial Pathogens. <i>Frontiers in Microbiology</i> , 2018 , 9, 1349	5.7	28
40	High hydrophobic amino acid exposure is responsible of the neurotoxic effects induced by E200K or D202N disease-related mutations of the human prion protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 372-82	5.6	28
39	Multiphasic denaturation of glutathione transferase B1-1 by guanidinium chloride. Role of the dimeric structure on the flexibility of the active site. <i>FEBS Journal</i> , 1993 , 215, 741-5		27
38	Characterization of toad liver glutathione transferase. <i>BBA - Proteins and Proteomics</i> , 1999 , 1431, 189-98		25
37	Leukotriene modifiers in the treatment of cardiovascular diseases. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 1374-8	6.5	24
36	Purification and characterization of a novel glutathione transferase from <i>Serratia marcescens</i> . <i>BBA - Proteins and Proteomics</i> , 1991 , 1077, 141-6		23
35	Removal of uraemic plasma factor(s) using different dialysis modalities reduces phosphatidylserine exposure in red blood cells. <i>Nephrology Dialysis Transplantation</i> , 2004 , 19, 68-74	4.3	21
34	Novel biologically active principles from spinach, goji and quinoa. <i>Food Chemistry</i> , 2019 , 276, 262-265	8.5	20
33	Peripheral blood lymphocytes: a model for monitoring physiological adaptation to high altitude. <i>High Altitude Medicine and Biology</i> , 2010 , 11, 333-42	1.9	19
32	Plasma antioxidants and asymptomatic carotid atherosclerotic disease. <i>Annals of Nutrition and Metabolism</i> , 2008 , 53, 86-90	4.5	18
31	Time-dependent and tissue-specific variations of glutathione transferase activity during gestation in the mouse. <i>Mechanisms of Ageing and Development</i> , 1995 , 78, 47-62	5.6	17
30	Interaction of glutathione transferase P1-1 with captan and captafol. <i>Biochemical Pharmacology</i> , 1996 , 52, 43-8	6	17
29	Physical exercise reduces synthesis of ADMA, SDMA, and L-Arg. <i>Frontiers in Bioscience - Elite</i> , 2015 , 7, 417-22	1.6	16
28	Glutathione transferases from <i>Anguilla anguilla</i> liver: identification, cloning and functional characterization. <i>Aquatic Toxicology</i> , 2008 , 90, 48-57	5.1	16
27	Developmental aspects of <i>Bufo bufo</i> embryo glutathione transferases. <i>Mechanisms of Ageing and Development</i> , 1993 , 68, 59-70	5.6	14
26	Calcium binding promotes prion protein fragment 90-231 conformational change toward a membrane destabilizing and cytotoxic structure. <i>PLoS ONE</i> , 2012 , 7, e38314	3.7	13
25	Rosuvastatin reduces intima-media thickness in hypercholesterolemic subjects with asymptomatic carotid artery disease: the Asymptomatic Carotid Atherosclerotic Disease in Manfredonia (ACADIM) Study. <i>Expert Opinion on Pharmacotherapy</i> , 2008 , 9, 2403-8	4	13

24	ADMA/SDMA in elderly subjects with asymptomatic carotid atherosclerosis: values and site-specific association. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 6391-8	6.3	12
23	Multiple unfolded states of glutathione transferase bbGSTP1-1 by guanidinium chloride. <i>Archives of Biochemistry and Biophysics</i> , 1999 , 369, 100-6	4.1	12
22	Amphibian embryo glutathione transferase: amino acid sequence and structural properties. <i>Biochemical Journal</i> , 1997 , 322 (Pt 2), 679-80	3.8	10
21	Spatial distribution of glutathione, glutathione-related and antioxidant enzymes in cultured mouse embryos. <i>Archives of Toxicology</i> , 1997 , 72, 38-44	5.8	10
20	Glutathione transferase isoenzymes in olfactory and respiratory epithelium of cattle. <i>Biochemical Pharmacology</i> , 1993 , 46, 2127-33	6	10
19	UHPLC-UV/Vis Quantitative Analysis of Hydroxylated and -prenylated Coumarins in Pomegranate Seed Extracts. <i>Molecules</i> , 2019 , 24,	4.8	9
18	Uncoated negatively charged silver nanoparticles: speeding up the electrochemical synthesis. <i>Materials Research Express</i> , 2017 , 4, 105001	1.7	9
17	Analysis by limited proteolysis of domain organization and GSH-site arrangement of bacterial glutathione transferase B1-1. <i>International Journal of Biochemistry and Cell Biology</i> , 1995 , 27, 1033-41	5.6	9
16	Analysis of biologically active oxyprenylated phenylpropanoids in Tea tree oil using selective solid-phase extraction with UHPLC-PDA detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 154, 174-179	3.5	8
15	Oxidation of Cys278 of ADH I isozyme from <i>Kluyveromyces lactis</i> by naturally occurring disulfides causes its reversible inactivation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009 , 1794, 563-8	4	8
14	Purification and characterization of glutathione transferase from psoriatic skin. <i>Biochemical Medicine and Metabolic Biology</i> , 1992 , 48, 212-8		8
13	Investigation of intra-domain and inter-domain interactions of glutathione transferase P1-1 by limited chymotryptic cleavage. <i>FEBS Journal</i> , 1993 , 218, 845-51		8
12	The biological evaluation of ADMA/SDMA and eNOS in patients with ACHF. <i>Frontiers in Bioscience - Elite</i> , 2013 , 5, 551-7	1.6	8
11	Alteration of glutathione transferase subunits composition in the liver of young and aged rats submitted to hypoxic and hyperoxic conditions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996 , 1312, 125-31	4.9	7
10	A novel and efficient subcritical butane extraction method and UHPLC analysis of oxyprenylated phenylpropanoids from grapefruits peels. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 184, 113185	3.5	5
9	The biological effect of pharmacological treatment on dimethylaminohydrolases (DDAH-1) and cationic amino acid transporter-1 (CAT-1) expression in patients with acute congestive heart failure. <i>Microvascular Research</i> , 2011 , 82, 391-6	3.7	5
8	The effect of pharmacological treatment on ADMA in patients with heart failure. <i>Frontiers in Bioscience - Elite</i> , 2011 , 3, 1310-4	1.6	4
7	Effect of 2-year treatment with low-dose rosuvastatin on intima-media thickness in hypercholesterolemic subjects with asymptomatic carotid artery disease. <i>Expert Opinion on Pharmacotherapy</i> , 2011 , 12, 2599-604	4	4

6	Amino acid sequence of the major form of toad liver glutathione transferase. <i>International Journal of Biochemistry and Cell Biology</i> , 2002 , 34, 1286-90	5.6	4
5	Purification and characterization of three Pi class glutathione transferase from monkey (<i>Macaca fascicularis</i>) placenta. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1996 , 114, 377-82	2.3	3
4	Rosuvastatin effect on intima media thickness in adult vs elderly patients. <i>Frontiers in Bioscience - Elite</i> , 2012 , 4, 2618-21	1.6	1
3	Role of anti-oxidants in the treatment of bronchial asthma. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006 , 3, 293-298		1
2	The membrane depolarization and increase intracellular calcium level produced by silver nanoclusters are responsible for bacterial death. <i>Scientific Reports</i> , 2021 , 11, 21557	4.9	1
1	Dilated cardiomyopathy following use of xenadrine EFX. <i>International Journal of Immunopathology and Pharmacology</i> , 2016 , 29, 137-9	3	1