

Tonino Bucciarelli

List of Publications by Year in descending order

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59
papers

3,015
citations

257357

24
h-index

155592

55
g-index

59
all docs

59
docs citations

59
times ranked

3390
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Formation of 8-Iso-Prostaglandin F $\langle \text{sub} \rangle 2 \hat{\pm} \langle \text{sub} \rangle$ and Platelet Activation in Diabetes Mellitus. <i>Circulation</i> , 1999, 99, 224-229.	1.6	721
2	In Vivo Formation of 8-Epi-Prostaglandin F $\langle \text{sub} \rangle 2 \hat{\pm} \langle \text{sub} \rangle$ Is Increased in Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 3230-3235.	1.1	356
3	Oxidant Stress and Aspirin-Insensitive Thromboxane Biosynthesis in Severe Unstable Angina. <i>Circulation</i> , 2000, 102, 1007-1013.	1.6	212
4	Increased Levels of Soluble P-Selectin in Hypercholesterolemic Patients. <i>Circulation</i> , 1998, 97, 953-957.	1.6	170
5	Relationship between musculoskeletal symptoms and blood markers of oxidative stress in patients with chronic fatigue syndrome. <i>Neuroscience Letters</i> , 2003, 335, 151-154.	1.0	121
6	Low-Density Lipoprotein Level Reduction by the 3-Hydroxy-3-Methylglutaryl Coenzyme-A Inhibitor Simvastatin Is Accompanied by a Related Reduction of F $\langle \text{sub} \rangle 2$ -Isoprostane Formation in Hypercholesterolemic Subjects. <i>Circulation</i> , 2002, 106, 2543-2549.	1.6	114
7	Effects of Vitamin E Supplementation on F $\langle \text{sub} \rangle 2 \langle \text{sub} \rangle$ -Isoprostane and Thromboxane Biosynthesis in Healthy Cigarette Smokers. <i>Circulation</i> , 2000, 102, 539-545.	1.6	106
8	Effect of Thyroid Function on LDL Oxidation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 732-737.	1.1	82
9	Determinants of platelet activation in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2007, 28, 336-342.	1.5	74
10	Decreased <i>in vivo</i> 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, 231-237.	1.7	66
11	The role of the antioxidant vitamin supplementation in the prevention of cardiovascular diseases. <i>Expert Opinion on Investigational Drugs</i> , 2007, 16, 25-32.	1.9	61
12	Developmental Aspects of Detoxifying Enzymes in Fish (<i>Salmo Iradaeus</i>). <i>Free Radical Research</i> , 1994, 21, 285-294.	1.5	58
13	Genetic determinants of blood pressure responses to caffeine drinking. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 241-248.	2.2	54
14	Increased Oxidative Stress in Prepubertal Children Born Small for Gestational Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1372-1378.	1.8	53
15	Electrochemically Synthesized Silver Nanoparticles Are Active Against Planktonic and Biofilm Cells of <i>Pseudomonas aeruginosa</i> and Other Cystic Fibrosis-Associated Bacterial Pathogens. <i>Frontiers in Microbiology</i> , 2018, 9, 1349.	1.5	48
16	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, 351-357.	3.1	46
17	Glutathione transferase isoenzymes in normal and neoplastic human kidney tissue. <i>Carcinogenesis</i> , 1991, 12, 1471-1475.	1.3	37
18	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, 741-745.	0.2	34

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19	Differential activity of human, rat, mouse and bacteria glutathione transferase isoenzymes towards 4-nitroquinoline 1-oxide. <i>Carcinogenesis</i> , 1990, 11, 2267-2269.	1.3	33
20	Increased Systemic Oxidative Stress After Elective Endarterectomy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2659-2665.	1.1	33
21	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, 372-382.	1.2	33
22	Characterization of toad liver glutathione transferase. <i>BBA - Proteins and Proteomics</i> , 1999, 1431, 189-198.	2.1	31
23	Novel biologically active principles from spinach, goji and quinoa. <i>Food Chemistry</i> , 2019, 276, 262-265.	4.2	30
24	Leukotriene modifiers in the treatment of cardiovascular diseases. <i>Journal of Leukocyte Biology</i> , 2008, 84, 1374-1378.	1.5	27
25	Purification and characterization of a novel glutathione transferase from <i>Serratia marcescens</i> . <i>BBA - Proteins and Proteomics</i> , 1991, 1077, 141-146.	2.1	25
26	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.	0.4	23
27	Physical exercise reduces synthesis of ADMA SDMA and L-Arg. <i>Frontiers in Bioscience - Elite</i> , 2015, 7, 417-422.	0.9	22
28	Peripheral Blood Lymphocytes: A Model for Monitoring Physiological Adaptation to High Altitude. <i>High Altitude Medicine and Biology</i> , 2010, 11, 333-342.	0.5	21
29	Interaction of glutathione transferase P1-1 with captan and captafol. <i>Biochemical Pharmacology</i> , 1996, 52, 43-48.	2.0	20
30	Plasma Antioxidants and Asymptomatic Carotid Atherosclerotic Disease. <i>Annals of Nutrition and Metabolism</i> , 2008, 53, 86-90.	1.0	20
31	Glutathione transferases from <i>Anguilla anguilla</i> liver: Identification, cloning and functional characterization. <i>Aquatic Toxicology</i> , 2008, 90, 48-57.	1.9	19
32	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.	2.2	18
33	Uncoated negatively charged silver nanoparticles: speeding up the electrochemical synthesis. <i>Materials Research Express</i> , 2017, 4, 105001.	0.8	18
34	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, 2403-2408.	0.9	17
35	Developmental aspects of <i>Bufo bufo</i> embryo glutathione transferases. <i>Mechanisms of Ageing and Development</i> , 1993, 68, 59-70.	2.2	15
36	Calcium Binding Promotes Prion Protein Fragment 90-231 Conformational Change toward a Membrane Destabilizing and Cytotoxic Structure. <i>PLoS ONE</i> , 2012, 7, e38314.	1.1	14

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37	The membrane depolarization and increase intracellular calcium level produced by silver nanoclusters are responsible for bacterial death. <i>Scientific Reports</i> , 2021, 11, 21557.	1.6	14
38	Multiple Unfolded States of Glutathione Transferase bbGSTP1-1 by Guanidinium Chloride. <i>Archives of Biochemistry and Biophysics</i> , 1999, 369, 100-106.	1.4	13
39	ADMA/SDMA in Elderly Subjects with Asymptomatic Carotid Atherosclerosis: Values and Site-Specific Association. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6391-6398.	1.8	13
40	UHPLC-UV/Vis Quantitative Analysis of Hydroxylated and O-prenylated Coumarins in Pomegranate Seed Extracts. <i>Molecules</i> , 2019, 24, 1963.	1.7	13
41	Glutathione transferase isoenzymes in olfactory and respiratory epithelium of cattle. <i>Biochemical Pharmacology</i> , 1993, 46, 2127-2133.	2.0	11
42	Amphibian embryo glutathione transferase: amino acid sequence and structural properties. <i>Biochemical Journal</i> , 1997, 322, 679-680.	1.7	11
43	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.	1.4	11
44	Spatial distribution of glutathione, glutathione-related and antioxidant enzymes in cultured mouse embryos. <i>Archives of Toxicology</i> , 1997, 72, 38-44.	1.9	10
45	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, 1033-1041.	1.2	9
46	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, 563-568.	1.1	9
47	The biological evaluation of ADMA SDMA and eNOS in patients with ACHF. <i>Frontiers in Bioscience - Elite</i> , 2013, E5, 551-557.	0.9	9
48	Purification and characterization of glutathione transferase from psoriatic skin. <i>Biochemical Medicine and Metabolic Biology</i> , 1992, 48, 212-218.	0.7	8
49	Investigation of intra-domain and inter-domain interactions of glutathione transferase P1-1 by limited chymotryptic cleavage. <i>FEBS Journal</i> , 1993, 218, 845-851.	0.2	8
50	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.	1.4	8
51	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, 125-131.	1.9	7
52	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, 391-396.	1.1	7
53	The effect of pharmacological treatment on ADMA in patients with heart failure. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 1310-1314.	0.9	6
54	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, 2599-2604.	0.9	5

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55	Amino acid sequence of the major form of toad liver glutathione transferase. International Journal of Biochemistry and Cell Biology, 2002, 34, 1286-1290.	1.2	4
56	Purification and characterization of three pi class glutathione transferase from monkey (Macaca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Biology, 1996, 114, 377-382.	0.7	3
57	Dilated cardiomyopathy following use of xenadrine EFX. International Journal of Immunopathology and Pharmacology, 2016, 29, 137-139.	1.0	2
58	Role of anti-oxidants in the treatment of bronchial asthma. Drug Discovery Today: Therapeutic Strategies, 2006, 3, 293-298.	0.5	1
59	Rosuvastatin effect on intima media thickness in adult vs elderly patients. Frontiers in Bioscience - Elite, 2012, E4, 2618-2621.	0.9	1