

Marta Piroddi

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,906
citations

159525

30
h-index

233338

45
g-index

54
all docs

54
docs citations

54
times ranked

4920
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased plasma levels of the lipoperoxyl radical-derived vitamin E metabolite α -tocopheryl quinone are an early indicator of lipotoxicity in fatty liver subjects. <i>Free Radical Biology and Medicine</i> , 2019, 131, 115-125.	1.3	30
2	Nrf2-p62 autophagy pathway and its response to oxidative stress in hepatocellular carcinoma. <i>Translational Research</i> , 2018, 193, 54-71.	2.2	156
3	Physical Activity Modulates the Overexpression of the Inflammatory miR-146a in Obese Patients. <i>IUBMB Life</i> , 2018, 70, 1012-1022.	1.5	26
4	Determination of tocopherols and their metabolites by liquid-chromatography coupled with tandem mass spectrometry in human plasma and serum. <i>Talanta</i> , 2017, 170, 552-561.	2.9	38
5	Evaluation of the Impact of a New Synthetic Vitamin E-Bonded Membrane on the Hypo-Responsiveness to the Erythropoietin Therapy in Hemodialysis Patients: A Multicenter Study. <i>Blood Purification</i> , 2017, 43, 338-345.	0.9	17
6	Nutrigenomics of extra-virgin olive oil: A review. <i>BioFactors</i> , 2017, 43, 17-41.	2.6	147
7	Selenium and Cancer Stem Cells. <i>Advances in Cancer Research</i> , 2017, 136, 235-257.	1.9	21
8	Free Radical-derived Oxysterols: Novel Adipokines Modulating Adipogenic Differentiation of Adipose Precursor Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4974-4983.	1.8	22
9	Biomarkers of free radical-dependent metabolism of vitamin e: analytical and interpretation biases in clinical studies. <i>Free Radical Biology and Medicine</i> , 2016, 96, S64-S65.	1.3	0
10	Human serum determination and in vitro anti-inflammatory activity of the vitamin E metabolite α -(13'-hydroxy)-6-hydroxychroman. <i>Free Radical Biology and Medicine</i> , 2015, 89, 952-962.	1.3	37
11	Glutathione S-transferase pi expression regulates the Nrf2-dependent response to hormetic diselenides. <i>Free Radical Biology and Medicine</i> , 2015, 88, 466-480.	1.3	70
12	Reaction kinetics and targeting to cellular glutathione S-transferase of the glutathione peroxidase mimetic PhSeZnCl and its d,l-poly lactide microparticle formulation. <i>Free Radical Biology and Medicine</i> , 2015, 78, 56-65.	1.3	41
13	Blood thiol status and erythrocyte glutathione-S-transferase in chronic kidney disease patients on treatment with frequent (daily) hemodialysis. <i>Free Radical Research</i> , 2014, 48, 273-281.	1.5	22
14	Aconitase post-translational modification as a key in linkage between Krebs cycle, iron homeostasis, redox signaling, and metabolism of reactive oxygen species. <i>Redox Report</i> , 2014, 19, 8-15.	1.4	147
15	Melatonin regulates mesenchymal stem cell differentiation: a review. <i>Journal of Pineal Research</i> , 2014, 56, 382-397.	3.4	143
16	Post-Seizure α -Tocopherol Treatment Decreases Neuroinflammation and Neuronal Degeneration Induced by Status Epilepticus in Rat Hippocampus. <i>Molecular Neurobiology</i> , 2014, 50, 246-256.	1.9	50
17	Microparticle-loaded neonatal porcine Sertoli cells for cell-based therapeutic and drug delivery system. <i>Journal of Controlled Release</i> , 2014, 192, 249-261.	4.8	14
18	Introduction to Oxidative Stress and Antioxidant Therapy in Respiratory Disorder. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 1-26.	0.4	0

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19	Mitochondrial-dependent anticancer activity of γ -tocotrienol and its synthetic derivatives in HER2/neu overexpressing breast adenocarcinoma cells. <i>BioFactors</i> , 2013, 39, 485-493.	2.6	21
20	Selenium Containing Compounds from Poison to Drug Candidates: A Review on the GPx-like Activity. <i>Current Chemical Biology</i> , 2013, 7, 25-36.	0.2	91
21	Lipokines and oxysterols: Novel adipose-derived lipid hormones linking adipose dysfunction and insulin resistance. <i>Free Radical Biology and Medicine</i> , 2013, 65, 811-820.	1.3	48
22	Oxidative stress and lipid peroxidation by-products at the crossroad between adipose organ dysregulation and obesity-linked insulin resistance. <i>Biochimie</i> , 2013, 95, 585-594.	1.3	93
23	Nondialyzable Uremic Toxins. <i>Blood Purification</i> , 2013, 35, 30-41.	0.9	28
24	Thiols Oxidation for the Evaluation of Gpx-Like Activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 507-508.	0.8	5
25	Vitamin E as a Functional and Biocompatibility Modifier of Synthetic Hemodialyzer Membranes: An Overview of the Literature on Vitamin E-Modified Hemodialyzer Membranes. <i>American Journal of Nephrology</i> , 2012, 35, 559-572.	1.4	39
26	Oxidative stress and antioxidant therapy in cystic fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 690-713.	1.8	186
27	Oxidation of thiols promoted by PhSeZnCl. <i>Tetrahedron Letters</i> , 2012, 53, 232-234.	0.7	59
28	Why tocotrienols work better: insights into the in vitro anti-cancer mechanism of vitamin E. <i>Genes and Nutrition</i> , 2012, 7, 29-41.	1.2	41
29	γ -Tocotrienol. , 2012, , 117-134.		1
30	Circulating Levels and Dietary Intake of the Advanced Glycation End-product Marker Carboxymethyl Lysine in Chronic Kidney Disease Patients on Conservative Predialysis Therapy: A Pilot Study. , 2011, 21, 329-339.		32
31	Tocotrienamines and tocopheramines: Reactions with radicals and metal ions. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6483-6491.	1.4	11
32	Plasma nitroproteome of kidney disease patients. <i>Amino Acids</i> , 2011, 40, 653-667.	1.2	48
33	Melatonin signaling and cell protection function. <i>FASEB Journal</i> , 2010, 24, 3603-3624.	0.2	299
34	β - and γ -tocotrienols exert a more potent anticancer effect than α -tocopheryl succinate on breast cancer cell lines irrespective of HER-2/neu expression. <i>Life Sciences</i> , 2010, 86, 668-675.	2.0	70
35	Quantitative identification of protein nitration sites. <i>Proteomics</i> , 2009, 9, 1524-1537.	1.3	50
36	Analysis method and characterization of the antioxidant capacity of vitamin E-interactive polysulfone hemodialyzers. <i>Acta Biomaterialia</i> , 2009, 5, 2974-2982.	4.1	28

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37	Protein Levels and Activity of Some Antioxidant Enzymes in Hippocampus of Subjects with Amnestic Mild Cognitive Impairment. <i>Neurochemical Research</i> , 2008, 33, 2540-2546.	1.6	100
38	Loss of phospholipid asymmetry and elevated brain apoptotic protein levels in subjects with amnestic mild cognitive impairment and Alzheimer disease. <i>Neurobiology of Disease</i> , 2008, 29, 456-464.	2.1	97
39	Acrolein induces selective protein carbonylation in synaptosomes. <i>Neuroscience</i> , 2007, 147, 674-679.	1.1	60
40	Impaired endothelial antithrombotic activity following short-term interruption of continuous subcutaneous insulin infusion in type1 diabetic patients. <i>Thrombosis and Haemostasis</i> , 2007, 98, 635-641.	1.8	11
41	Oxidatively-modified and glycated proteins as candidate pro-inflammatory toxins in uremia and dialysis patients. <i>Amino Acids</i> , 2007, 32, 573-592.	1.2	34
42	Antiproliferative effects of tocopherols (vitamin E) on murine glioma C6 cells: homologue-specific control of PKC/ERK and cyclin signaling. <i>Free Radical Biology and Medicine</i> , 2006, 41, 464-472.	1.3	59
43	Oxidant and Carbonyl Stress-Related Apoptosis in End-Stage Kidney Disease: Impact of Membrane Flux. <i>Blood Purification</i> , 2006, 24, 149-156.	0.9	35
44	Glycooxidation and inflammatory markers in patients on treatment with PMMA-based protein-leaking dialyzers. <i>Kidney International</i> , 2005, 67, 750-759.	2.6	58
45	Oxidative Stress and Reactive Oxygen Species. , 2005, 149, 240-260.		175
46	Î³-Tocotrienol Metabolism and Antiproliferative Effect in Prostate Cancer Cells. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 391-394.	1.8	58
47	A comparison between the antioxidant and peroxynitrite-scavenging functions of the vitamin E metabolites alpha- and gamma-carboxyethyl-6-hydroxychromans. <i>International Journal for Vitamin and Nutrition Research</i> , 2004, 74, 362-373.	0.6	19
48	The effect of PMMA-based protein-leaking dialyzers on plasma homocysteine levels. <i>Kidney International</i> , 2003, 64, 748-755.	2.6	62