

DesirÃ©e Bartolini

List of Publications by Year in descending order

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65
papers

2,288
citations

236612

25
h-index

223531

46
g-index

73
all docs

73
docs citations

73
times ranked

3872
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>Endoplasmic reticulum</sc> stress and <sc>NF&B</sc> activation in <sc>SARS&CoV</sc> &2 infected cells and their response to antiviral therapy. IUBMB Life, 2022, 74, 93-100.	1.5	26
2	The Effect of Interaction NGF/p75NTR in Sperm Cells: A Rabbit Model. Cells, 2022, 11, 1035.	1.8	8
3	A Dynamic Model for Estimating the Interaction of ROS&PUFA&Antioxidants in Rabbit. Antioxidants, 2022, 11, 531.	2.2	5
4	Melatonin modulates Nrf2 activity to protect porcine pre&pubertal Sertoli cells from the abnormal H₂O₂ generation and reductive stress effects of cadmium. Journal of Pineal Research, 2022, 73, .	3.4	18
5	Adipose Tissue Plasticity in Response to Pathophysiological Cues: A Connecting Link between Obesity and Its Associated Comorbidities. International Journal of Molecular Sciences, 2022, 23, 5511.	1.8	13
6	The Role of NGF and Its Receptor TrKA in Patients With Erectile Dysfunction. Frontiers in Urology, 2022, 2, .	0.2	2
7	Vitamin E (Alpha-Tocopherol) Metabolism and Nutrition in Chronic Kidney Disease. Antioxidants, 2022, 11, 989.	2.2	25
8	Natural Cryoprotective and Cytoprotective Agents in Cryopreservation: A Focus on Melatonin. Molecules, 2022, 27, 3254.	1.7	12
9	How Aging and Oxidative Stress Influence the Cytopathic and Inflammatory Effects of SARS-CoV-2 Infection: The Role of Cellular Glutathione and Cysteine Metabolism. Antioxidants, 2022, 11, 1366.	2.2	14
10	SARS-CoV-2 Survival on Surfaces and the Effect of UV-C Light. Viruses, 2021, 13, 408.	1.5	77
11	The age-dependent decline of the extracellular thiol-disulfide balance and its role in SARS-CoV-2 infection. Redox Biology, 2021, 41, 101902.	3.9	30
12	SARS-CoV2 infection impairs the metabolism and redox function of cellular glutathione. Redox Biology, 2021, 45, 102041.	3.9	58
13	Pre-analytical monitoring and protection of oxidizable lipids in human plasma (vitamin E and &3 and &6) Tj ETQq1 1 0.784314 142-148.	1.3	5
14	Alpha-Tocopherol Metabolites (The Vitamin E Metabolome) and Their Interindividual Variability during Supplementation. Antioxidants, 2021, 10, 173.	2.2	24
15	Antioxidant Power on Dermal Cells by Textiles Dyed with an Onion (Allium cepa L.) Skin Extract. Antioxidants, 2021, 10, 1655.	2.2	10
16	Effects of Titanium Dioxide Nanoparticles on Porcine Prepubertal Sertoli Cells: An &In Vitro& Study. Frontiers in Endocrinology, 2021, 12, 751915.	1.5	11
17	High molecular weight uremic retention solutes stimulate GSTP protein expression and oxidative damage of peripheral blood leukocytes. Free Radical Biology and Medicine, 2021, 177, S82.	1.3	0
18	Effect of a UV-C Automatic Last-Generation Mobile Robotic System on Multi-Drug Resistant Pathogens. International Journal of Environmental Research and Public Health, 2021, 18, 13019.	1.2	4

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19	Nrf2 modulation by seleno-hormetic agents and its potential for radiation protection. <i>BioFactors</i> , 2020, 46, 239-245.	2.6	16
20	Vitamin E: metabolism and molecular aspects. , 2020, , 487-518.		5
21	Vitamin E: nutritional aspects. , 2020, , 447-485.		5
22	Anethole Dithiolethione Increases Glutathione in Kidney by Inhibiting γ -Glutamyltranspeptidase: Biochemical Interpretation and Pharmacological Consequences. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	1.9	7
23	Imbalance in the antioxidant defence system and pro-genotoxic status induced by high glucose concentrations: In vitro testing in human liver cells. <i>Toxicology in Vitro</i> , 2020, 69, 105001.	1.1	4
24	Better prepare for the next one. Lifestyle lessons from the COVID-19 pandemic. <i>PharmaNutrition</i> , 2020, 12, 100193.	0.8	28
25	Garcinoic Acid Is a Natural and Selective Agonist of Pregnane X Receptor. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3701-3712.	2.9	27
26	Garcinoic acid prevents $A\beta$ -amyloid ($A\beta$) deposition in the mouse brain. <i>Journal of Biological Chemistry</i> , 2020, 295, 11866-11876.	1.6	18
27	Glutathione S-transferase P influences the Nrf2-dependent response of cellular thiols to seleno-compounds. <i>Cell Biology and Toxicology</i> , 2020, 36, 379-386.	2.4	17
28	Melatonin prevents cadmium-induced bone damage: First evidence on an improved osteogenic/adipogenic differentiation balance of mesenchymal stem cells as underlying mechanism. <i>Journal of Pineal Research</i> , 2019, 67, e12597.	3.4	36
29	Excitotoxicity, neuroinflammation and oxidant stress as molecular bases of epileptogenesis and epilepsy-derived neurodegeneration: The role of vitamin E. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1098-1112.	1.8	105
30	Lipidomic biomarkers and mechanisms of lipotoxicity in non-alcoholic fatty liver disease. <i>Free Radical Biology and Medicine</i> , 2019, 144, 293-309.	1.3	146
31	A seleno-hormetine protects bone marrow hematopoietic cells against ionizing radiation-induced toxicities. <i>PLoS ONE</i> , 2019, 14, e0205626.	1.1	13
32	LC-MS/MS assay for the simultaneous determination of tocopherols, polyunsaturated fatty acids and their metabolites in human plasma and serum. <i>Free Radical Biology and Medicine</i> , 2019, 144, 134-143.	1.3	19
33	Co-crystal structure determination and cellular evaluation of 1,4-dihydropyrazolo[4,3-c] [1,2] benzothiazine 5,5-dioxide p38 MAPK inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 579-586.	1.0	6
34	Nutritional and lipidomics biomarkers of docosahexaenoic acid-based multivitamin therapy in pediatric NASH. <i>Scientific Reports</i> , 2019, 9, 2045.	1.6	51
35	Glutathione compartmentalization and its role in glutathionylation and other regulatory processes of cellular pathways. <i>BioFactors</i> , 2019, 45, 152-168.	2.6	79
36	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

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37	Targeting glutathione S-transferase P and its interactome with selenium compounds in cancer therapy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 130-143.	1.1	35
38	Synthesis and phospholipidosis effect of a series of cationic amphiphilic compounds: a case study to evaluate in silico and in vitro assays. <i>Medicinal Chemistry Research</i> , 2018, 27, 679-692.	1.1	3
39	Neurobiological Correlates of Alpha-Tocopherol Antiepileptogenic Effects and MicroRNA Expression Modulation in a Rat Model of Kainate-Induced Seizures. <i>Molecular Neurobiology</i> , 2018, 55, 7822-7838.	1.9	31
40	Nrf2-p62 autophagy pathway and its response to oxidative stress in hepatocellular carcinoma. <i>Translational Research</i> , 2018, 193, 54-71.	2.2	156
41	Physical Activity Modulates the Overexpression of the Inflammatory miR-146a in Obese Patients. <i>IUBMB Life</i> , 2018, 70, 1012-1022.	1.5	26
42	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
43	GSTP expression influences the metabolism and redox of cellular glutathione. <i>Free Radical Biology and Medicine</i> , 2017, 108, S66.	1.3	0
44	Nonalcoholic fatty liver disease impairs the cytochrome P-450-dependent metabolism of α -tocopherol (vitamin E). <i>Journal of Nutritional Biochemistry</i> , 2017, 47, 120-131.	1.9	40
45	CYP4F2 repression and a modified alpha-tocopherol (vitamin E) metabolism are two independent consequences of ethanol toxicity in human hepatocytes. <i>Toxicology in Vitro</i> , 2017, 40, 124-133.	1.1	10
46	Alpha-(13 β -hydroxy)-6-hydroxychroman, the main product of alpha-tocopherol metabolism in human hepatocytes, regulates CYP4F2 and PPAR- β expression. <i>Free Radical Biology and Medicine</i> , 2017, 108, S16.	1.3	1
47	A quantitative LC-MS/MS method for the measurement of tocopherols, polyunsaturated fatty acids and their metabolites in human plasma and serum. <i>Free Radical Biology and Medicine</i> , 2017, 108, S105.	1.3	0
48	Selenium and Cancer Stem Cells. <i>Advances in Cancer Research</i> , 2017, 136, 235-257.	1.9	21
49	Selenocompounds in Cancer Therapy: An Overview. <i>Advances in Cancer Research</i> , 2017, 136, 259-302.	1.9	89
50	Fenretinide (4-HPR) Targets Caspase-9, ERK 1/2 and the Wnt3a/ β -Catenin Pathway in Medulloblastoma Cells and Medulloblastoma Cell Spheroids. <i>PLoS ONE</i> , 2016, 11, e0154111.	1.1	24
51	Analytical and molecular insights in the cytochrome P450 metabolism of vitamin E and lipotoxicity mechanisms of non-alcoholic fatty liver. <i>Free Radical Biology and Medicine</i> , 2016, 96, S60-S61.	1.3	2
52	Ethanol toxicity inhibits vitamin E β -oxidase expression and activity of human hepatocarcinoma cells. <i>Free Radical Biology and Medicine</i> , 2016, 96, S20.	1.3	1
53	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
54	Analytical strategies to assess the functional metabolome of vitamin E. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 399-412.	1.4	38

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55	The functional interactome of GSTP: A regulatory biomolecular network at the interface with the Nrf2 adaption response to oxidative stress. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 29-44.	1.2	49
56	Effects of 5-Fluorouracil on Morphology, Cell Cycle, Proliferation, Apoptosis, Autophagy and ROS Production in Endothelial Cells and Cardiomyocytes. <i>PLoS ONE</i> , 2015, 10, e0115686.	1.1	217
57	Human serum determination and in vitro anti-inflammatory activity of the vitamin E metabolite Î±-(13'-hydroxy)-6-hydroxychroman. <i>Free Radical Biology and Medicine</i> , 2015, 89, 952-962.	1.3	37
58	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
59	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
60	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
61	Melatonin regulates mesenchymal stem cell differentiation: a review. <i>Journal of Pineal Research</i> , 2014, 56, 382-397.	3.4	143
62	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
63	Nondialyzable Uremic Toxins. <i>Blood Purification</i> , 2013, 35, 30-41.	0.9	28
64	Surface-activated chemical ionization- electrospray mass spectrometry in the analysis of urinary thiodiglycolic acid. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 476-480.	0.7	2
65	Cannabidiol inhibits angiogenesis by multiple mechanisms. <i>British Journal of Pharmacology</i> , 2012, 167, 1218-1231.	2.7	118