

Desire Bartolini

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

1,407
citations

20
h-index

36
g-index

73
ext. papers

1,850
ext. citations

6.1
avg. IF

4.78
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 53 | The Effect of Interaction NGF/p75 in Sperm Cells: A Rabbit Model.. <i>Cells</i> , 2022 , 11, | 7.9 | 1 |
| 52 | Adipose Tissue Plasticity in Response to Pathophysiological Cues: A Connecting Link between Obesity and Its Associated Comorbidities. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5511 | 6.3 | 1 |
| 51 | Vitamin E (Alpha-Tocopherol) Metabolism and Nutrition in Chronic Kidney Disease. <i>Antioxidants</i> , 2022 , 11, 989 | 7.1 | 2 |
| 50 | Natural Cryoprotective and Cytoprotective Agents in Cryopreservation: A Focus on Melatonin. <i>Molecules</i> , 2022 , 27, 3254 | 4.8 | 1 |
| 49 | Effects of Titanium Dioxide Nanoparticles on Porcine Prepubertal Sertoli Cells: An "" Study.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 751915 | 5.7 | 1 |
| 48 | SARS-CoV-2 Survival on Surfaces and the Effect of UV-C Light. <i>Viruses</i> , 2021 , 13, | 6.2 | 22 |
| 47 | The age-dependent decline of the extracellular thiol-disulfide balance and its role in SARS-CoV-2 infection. <i>Redox Biology</i> , 2021 , 41, 101902 | 11.3 | 15 |
| 46 | Endoplasmic reticulum stress and NF-kB activation in SARS-CoV-2 infected cells and their response to antiviral therapy. <i>IUBMB Life</i> , 2021 , | 4.7 | 4 |
| 45 | SARS-CoV2 infection impairs the metabolism and redox function of cellular glutathione. <i>Redox Biology</i> , 2021 , 45, 102041 | 11.3 | 19 |
| 44 | Pre-analytical monitoring and protection of oxidizable lipids in human plasma (vitamin E and B ₆ and B ₇ fatty acids): An update for redox-lipidomics methods. <i>Free Radical Biology and Medicine</i> , 2021 , 176, 142-148 | 7.8 | 2 |
| 43 | Alpha-Tocopherol Metabolites (the Vitamin E Metabolome) and Their Interindividual Variability during Supplementation. <i>Antioxidants</i> , 2021 , 10, | 7.1 | 12 |
| 42 | Garcinoic Acid Is a Natural and Selective Agonist of Pregnane X Receptor. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 3701-3712 | 8.3 | 18 |
| 41 | Garcinoic acid prevents Amyloid (A β) deposition in the mouse brain. <i>Journal of Biological Chemistry</i> , 2020 , 295, 11866-11876 | 5.4 | 10 |
| 40 | 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 | 7.4 | 10 |
| 39 | Anethole Dithiolethione Increases Glutathione in Kidney by Inhibiting -Glutamyltranspeptidase: Biochemical Interpretation and Pharmacological Consequences. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 3562972 | 6.7 | 4 |
| 38 | 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 | 3.6 | 1 |
| 37 | Nrf2-modulation by seleno-hormetic agents and its potential for radiation protection. <i>BioFactors</i> , 2020 , 46, 239-245 | 6.1 | 8 |

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| 36 | Vitamin E: metabolism and molecular aspects 2020 , 487-518 | | 3 |
| 35 | Vitamin E: nutritional aspects 2020 , 447-485 | | 4 |
| 34 | 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 | 6.9 | 55 |
| 33 | Lipidomic biomarkers and mechanisms of lipotoxicity in non-alcoholic fatty liver disease. <i>Free Radical Biology and Medicine</i> , 2019 , 144, 293-309 | 7.8 | 63 |
| 32 | A seleno-hormetine protects bone marrow hematopoietic cells against ionizing radiation-induced toxicities. <i>PLoS ONE</i> , 2019 , 14, e0205626 | 3.7 | 8 |
| 31 | 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 | 7.8 | 12 |
| 30 | 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 | 10.4 | 25 |
| 29 | 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 | 3.4 | 3 |
| 28 | Nutritional and lipidomics biomarkers of docosahexaenoic acid-based multivitamin therapy in pediatric NASH. <i>Scientific Reports</i> , 2019 , 9, 2045 | 4.9 | 27 |
| 27 | Glutathione compartmentalization and its role in glutathionylation and other regulatory processes of cellular pathways. <i>BioFactors</i> , 2019 , 45, 152-168 | 6.1 | 49 |
| 26 | 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 | 7.8 | 20 |
| 25 | 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 | 4 | 21 |
| 24 | 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 | 2.2 | 1 |
| 23 | 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 | 6.2 | 17 |
| 22 | Nrf2-p62 autophagy pathway and its response to oxidative stress in hepatocellular carcinoma. <i>Translational Research</i> , 2018 , 193, 54-71 | 11 | 98 |
| 21 | Physical Activity Modulates the Overexpression of the Inflammatory miR-146a-5p in Obese Patients. <i>IUBMB Life</i> , 2018 , 70, 1012-1022 | 4.7 | 17 |
| 20 | 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 | 6.2 | 33 |
| 19 | 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 | 6.3 | 27 |

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|----|---|------|-----|
| 18 | 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 | 3.6 | 10 |
| 17 | Selenium and Cancer Stem Cells. <i>Advances in Cancer Research</i> , 2017 , 136, 235-257 | 5.9 | 14 |
| 16 | Selenocompounds in Cancer Therapy: An Overview. <i>Advances in Cancer Research</i> , 2017 , 136, 259-302 | 5.9 | 58 |
| 15 | Analytical strategies to assess the functional metabolome of vitamin E. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 399-412 | 3.5 | 35 |
| 14 | 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 | 3.2 | 39 |
| 13 | Fenretinide (4-HPR) Targets Caspase-9, ERK 1/2 and the Wnt3a/ECatenin Pathway in Medulloblastoma Cells and Medulloblastoma Cell Spheroids. <i>PLoS ONE</i> , 2016 , 11, e0154111 | 3.7 | 17 |
| 12 | 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 | 7.8 | 2 |
| 11 | 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 | 5.6 | 17 |
| 10 | Glutathione S-transferase pi expression regulates the Nrf2-dependent response to hormetic diselenides. <i>Free Radical Biology and Medicine</i> , 2015 , 88, 466-480 | 7.8 | 58 |
| 9 | 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 | 7.8 | 33 |
| 8 | 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 | 3.7 | 160 |
| 7 | Human serum determination and in vitro anti-inflammatory activity of the vitamin E metabolite E(13 ¹⁴ C-hydroxy)-6-hydroxychroman. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 952-62 | 7.8 | 31 |
| 6 | 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, 273-81 | 4 | 20 |
| 5 | Melatonin regulates mesenchymal stem cell differentiation: a review. <i>Journal of Pineal Research</i> , 2014 , 56, 382-97 | 10.4 | 115 |
| 4 | 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 | 7.8 | 44 |
| 3 | Nondialyzable uremic toxins. <i>Blood Purification</i> , 2013 , 35 Suppl 2, 30-41 | 3.1 | 19 |
| 2 | Surface-activated chemical ionization-electrospray mass spectrometry in the analysis of urinary thiodiglycolic acid. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 476-80 | 2.2 | 2 |
| 1 | Cannabidiol inhibits angiogenesis by multiple mechanisms. <i>British Journal of Pharmacology</i> , 2012 , 167, 1218-31 | 8.6 | 81 |

