Paola Antonia A Corsetto

List of Publications by Year
in descending order

43	1,438	304368	329751
papers	citations	22 h-index	37 g-index

43	43	43	2712
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of n-3 PUFAs on breast cancer cells through their incorporation in plasma membrane. Lipids in Health and Disease, 2011, 10, 73.	1.2	101
2	Endogenous Antioxidants and Radical Scavengers. Advances in Experimental Medicine and Biology, 2010, 698, 52-67.	0.8	98
3	Liposome-Encapsulated Doxorubicin Reverses Drug Resistance by Inhibiting P-Glycoprotein in Human Cancer Cells. Molecular Pharmaceutics, 2011, 8, 683-700.	2.3	93
4	Omega 3 fatty acids chemosensitize multidrug resistant colon cancer cells by down-regulating cholesterol synthesis and altering detergent resistant membranes composition. Molecular Cancer, 2013, 12, 137.	7.9	84
5	Antioxidant defences in hydrated and desiccated states of the tardigrade Paramacrobiotus richtersi. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 156, 115-121.	0.7	78
6	Omega-3 PUFA Loaded in Resveratrol-Based Solid Lipid Nanoparticles: Physicochemical Properties and Antineoplastic Activities in Human Colorectal Cancer Cells In Vitro. International Journal of Molecular Sciences, 2018, 19, 586.	1.8	78
7	Chemicalâ€“Physical Changes in Cell Membrane Microdomains of Breast Cancer Cells After Omega-3 PUFA Incorporation. Cell Biochemistry and Biophysics, 2012, 64, 45-59.	0.9	77
8	Effects of Long-Term Space Flight on Erythrocytes and Oxidative Stress of Rodents. PLoS ONE, 2012, 7, e32361.	1.1	65
9	Comparison between the AA/EPA ratio in depressed and non depressed elderly females: omega-3 fatty acid supplementation correlates with improved symptoms but does not change immunological parameters. Nutrition Journal, 2012, 11, 82.	1.5	59
10	Characterization of Antioxidant Potential of Seaweed Extracts for Enrichment of Convenience Food. Antioxidants, 2020, 9, 249.	2.2	53
11	MFSD2A Promotes Endothelial Generation of Inflammation-Resolving Lipid Mediators and Reduces ColitisÂinÂMice. Gastroenterology, 2017, 153, 1363-1377.e6.	0.6	48
12	A rapid method for determining arachidonic:eicosapentaenoic acid ratios in whole blood lipids: correlation with erythrocyte membrane ratios and validation in a large Italian population of various ages and pathologies. Lipids in Health and Disease, 2010, 9, 7.	1.2	44
13	Ï‰-3 Long Chain Polyunsaturated Fatty Acids as Sensitizing Agents and Multidrug Resistance Revertants in Cancer Therapy. International Journal of Molecular Sciences, 2017, 18, 2770.	1.8	44
14	Microgravity-driven remodeling of the proteome reveals insights into molecular mechanisms and signal networks involved in response to the space flight environment. Journal of Proteomics, 2016, 137, 3-18.	1.2	40
15	Changes in Red Blood Cell membrane lipid composition: A new perspective into the pathogenesis of PKAN. Molecular Genetics and Metabolism, 2017, 121, 180-189.	0.5	34
16	Resistance of the anhydrobiotic eutardigrade Paramacrobiotus richtersi to space flight (LIFEâ€“TARSE mission on FOTONâ€M3). Journal of Zoological Systematics and Evolutionary Research, 2011, 49, 98-103.	0.6	31
17	Atomic force microscopy imaging of lipid rafts of human breast cancer cells. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2943-2949.	1.4	31
18	Heterogeneous and self-organizing mineralization of bone matrix promoted by hydroxyapatite nanoparticles. Nanoscale, 2017, 9, 17274-17283.	2.8	31

#	Article	IF	Citations
19	Effects of two-months balanced diet in metabolically healthy obesity: lipid correlations with gender and BMI-related differences. Lipids in Health and Disease, 2015, 14, 139.	1.2	30
20	Synthesis, Molecular Characterization and Preliminary Antioxidant Activity Evaluation of Quercetin Fatty Esters. JAOCS, Journal of the American Oil Chemists' Society, 2013, 90, 1751-1759.	0.8	26
21	Methylglyoxal, Glycated Albumin, PAF, and TNF-Î±: Possible Inflammatory and Metabolic Biomarkers for Management of Gestational Diabetes. Nutrients, 2020, 12, 479.	1.7	26
22	Characterization of Chenopodin Isoforms from Quinoa Seeds and Assessment of Their Potential Anti-Inflammatory Activity in Caco-2 Cells. Biomolecules, 2020, 10, 795.	1.8	25
23	Protein pattern ofXenopus laevisembryos grown in simulated microgravity. Cell Biology International, 2011, 35, 249-258.	1.4	24
24	Effects of Germline VHL Deficiency on Growth, Metabolism, and Mitochondria. New England Journal of Medicine, 2020, 382, 835-844.	13.9	23
25	Two ABCB4 point mutations of strategic NBD-motifs do not prevent protein targeting to the plasma membrane but promote MDR3 dysfunction. European Journal of Human Genetics, 2014, 22, 633-639.	1.4	20
26	A Fourier transform infrared spectroscopy study of cell membrane domain modifications induced by docosahexaenoic acid. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 3115-3122.	1.1	20
27	In Vivo Comparative Study on Acute and Sub-acute Biological Effects Induced by Ultrafine Particles of Different Anthropogenic Sources in BALB/c Mice. International Journal of Molecular Sciences, 2019, 20, 2805.	1.8	20
28	Repeated Intratracheal Instillation of PM10 Induces Lipid Reshaping in Lung Parenchyma and in Extra-Pulmonary Tissues. PLoS ONE, 2014, 9, e106855.	1.1	15
29	Space Flight Effects on Antioxidant Molecules in Dry Tardigrades: The TARDIKISS Experiment. BioMed Research International, 2015, 2015, 1-7.	0.9	15
30	Lipid Reshaping and Lipophagy Are Induced in a Modeled Ischemia-Reperfusion Injury of Blood Brain Barrier. International Journal of Molecular Sciences, 2019, 20, 3752.	1.8	15
31	Exogenous Fatty Acids Modulate ER Lipid Composition and Metabolism in Breast Cancer Cells. Cells, 2021, 10, 175.	1.8	15
32	A Mint Purified Extract Protects Human Keratinocytes from Short-Term, Chemically Induced Oxidative Stress. Journal of Agricultural and Food Chemistry, 2010, 58, 11428-11434.	2.4	14
33	Simulated microgravity induce glutathione antioxidant pathwayin Xenopus laevis embryos. Cell Biology International, 2009, 33, 893-898.	1.4	9
34	Fatty Acid Profile and Antioxidant Status Fingerprint in Sarcopenic Elderly Patients: Role of Diet and Exercise. Nutrients, 2019, 11, 2569.	1.7	9
35	Changes in Lipid Composition During Manganese-Induced Apoptosis in PC12 Cells. Neurochemical Research, 2016, 41, 258-269.	1.6	8
36	Early evidence of stress in immortalized neurons exposed to diesel particles: the role of lipid reshaping behind oxidative stress and inflammation. Toxicology, 2018, 409, 63-72.	2.0	8

#	Article	IF	Citations
37	Antioxidant Response during the Kinetics of Anhydrobiosis in Two Eutardigrade Species. Life, 2022, 12, 817.	1.1	8
38	Maternal AA/EPA Ratio and Triglycerides as Potential Biomarkers of Patients at Major Risk for Pharmacological Therapy in Gestational Diabetes. Nutrients, 2022, 14, 2502.	1.7	8
39	Biomarkers of long-chain PUFA omega-3 fatty acids and the human nutritional status. Lipid Technology, 2009, 21, 32-35.	0.3	4
40	Effect of IR Laser on Myoblasts: Prospects of Application for Counteracting Microgravity-Induced Muscle Atrophy. Microgravity Science and Technology, 2013, 25, 35-42.	0.7	4
41	Reversible Dissolution of Microdomains in Detergent-Resistant Membranes at Physiological Temperature. PLoS ONE, 2015, 10, e0132696.	1.1	2
42	LSEA Evaluation of Lipid Mediators of Inflammation in Lung and Cortex of Mice Exposed to Diesel Air Pollution. Biomedicines, 2022, 10, 712.	1.4	1
43	Breast cancer cell's lipid rafts modifications by n-3 polyunsaturated fatty acids. Chemistry and Physics of Lipids, 2010, 163, S28.	1.5	0