

# Paola Antonia A Corsetto

## List of Publications by Year in descending order

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43  
papers

1,438  
citations

304368

22  
h-index

329751

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43  
docs citations

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times ranked

2712  
citing authors

#	ARTICLE	IF	CITATIONS
1	LSEA Evaluation of Lipid Mediators of Inflammation in Lung and Cortex of Mice Exposed to Diesel Air Pollution. <i>Biomedicines</i> , 2022, 10, 712.	1.4	1
2	Antioxidant Response during the Kinetics of Anhydrobiosis in Two Eutardigrade Species. <i>Life</i> , 2022, 12, 817.	1.1	8
3	Maternal AA/EPA Ratio and Triglycerides as Potential Biomarkers of Patients at Major Risk for Pharmacological Therapy in Gestational Diabetes. <i>Nutrients</i> , 2022, 14, 2502.	1.7	8
4	Exogenous Fatty Acids Modulate ER Lipid Composition and Metabolism in Breast Cancer Cells. <i>Cells</i> , 2021, 10, 175.	1.8	15
5	Characterization of Chenopodin Isoforms from Quinoa Seeds and Assessment of Their Potential Anti-Inflammatory Activity in Caco-2 Cells. <i>Biomolecules</i> , 2020, 10, 795.	1.8	25
6	Characterization of Antioxidant Potential of Seaweed Extracts for Enrichment of Convenience Food. <i>Antioxidants</i> , 2020, 9, 249.	2.2	53
7	Effects of Germline VHL Deficiency on Growth, Metabolism, and Mitochondria. <i>New England Journal of Medicine</i> , 2020, 382, 835-844.	13.9	23
8	Methylglyoxal, Glycated Albumin, PAF, and TNF- $\alpha$ : Possible Inflammatory and Metabolic Biomarkers for Management of Gestational Diabetes. <i>Nutrients</i> , 2020, 12, 479.	1.7	26
9	Lipid Reshaping and Lipophagy Are Induced in a Modeled Ischemia-Reperfusion Injury of Blood Brain Barrier. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3752.	1.8	15
10	Fatty Acid Profile and Antioxidant Status Fingerprint in Sarcopenic Elderly Patients: Role of Diet and Exercise. <i>Nutrients</i> , 2019, 11, 2569.	1.7	9
11	In Vivo Comparative Study on Acute and Sub-acute Biological Effects Induced by Ultrafine Particles of Different Anthropogenic Sources in BALB/c Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2805.	1.8	20
12	Early evidence of stress in immortalized neurons exposed to diesel particles: the role of lipid reshaping behind oxidative stress and inflammation. <i>Toxicology</i> , 2018, 409, 63-72.	2.0	8
13	Omega-3 PUFA Loaded in Resveratrol-Based Solid Lipid Nanoparticles: Physicochemical Properties and Antineoplastic Activities in Human Colorectal Cancer Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2018, 19, 586.	1.8	78
14	Changes in Red Blood Cell membrane lipid composition: A new perspective into the pathogenesis of PKAN. <i>Molecular Genetics and Metabolism</i> , 2017, 121, 180-189.	0.5	34
15	Heterogeneous and self-organizing mineralization of bone matrix promoted by hydroxyapatite nanoparticles. <i>Nanoscale</i> , 2017, 9, 17274-17283.	2.8	31
16	MFSD2A Promotes Endothelial Generation of Inflammation-Resolving Lipid Mediators and Reduces Colitis in Mice. <i>Gastroenterology</i> , 2017, 153, 1363-1377.e6.	0.6	48
17	$\omega$ -3 Long Chain Polyunsaturated Fatty Acids as Sensitizing Agents and Multidrug Resistance Revertants in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2770.	1.8	44
18	Changes in Lipid Composition During Manganese-Induced Apoptosis in PC12 Cells. <i>Neurochemical Research</i> , 2016, 41, 258-269.	1.6	8

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19	Microgravity-driven remodeling of the proteome reveals insights into molecular mechanisms and signal networks involved in response to the space flight environment. <i>Journal of Proteomics</i> , 2016, 137, 3-18.	1.2	40
20	Effects of two-months balanced diet in metabolically healthy obesity: lipid correlations with gender and BMI-related differences. <i>Lipids in Health and Disease</i> , 2015, 14, 139.	1.2	30
21	Reversible Dissolution of Microdomains in Detergent-Resistant Membranes at Physiological Temperature. <i>PLoS ONE</i> , 2015, 10, e0132696.	1.1	2
22	Space Flight Effects on Antioxidant Molecules in Dry Tardigrades: The TARDIKISS Experiment. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	15
23	Repeated Intratracheal Instillation of PM10 Induces Lipid Reshaping in Lung Parenchyma and in Extra-Pulmonary Tissues. <i>PLoS ONE</i> , 2014, 9, e106855.	1.1	15
24	Two ABCB4 point mutations of strategic NBD-motifs do not prevent protein targeting to the plasma membrane but promote MDR3 dysfunction. <i>European Journal of Human Genetics</i> , 2014, 22, 633-639.	1.4	20
25	A Fourier transform infrared spectroscopy study of cell membrane domain modifications induced by docosahexaenoic acid. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 3115-3122.	1.1	20
26	Effect of IR Laser on Myoblasts: Prospects of Application for Counteracting Microgravity-Induced Muscle Atrophy. <i>Microgravity Science and Technology</i> , 2013, 25, 35-42.	0.7	4
27	Synthesis, Molecular Characterization and Preliminary Antioxidant Activity Evaluation of Quercetin Fatty Esters. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2013, 90, 1751-1759.	0.8	26
28	Omega 3 fatty acids chemosensitize multidrug resistant colon cancer cells by down-regulating cholesterol synthesis and altering detergent resistant membranes composition. <i>Molecular Cancer</i> , 2013, 12, 137.	7.9	84
29	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. <i>Nutrition Journal</i> , 2012, 11, 82.	1.5	59
30	Atomic force microscopy imaging of lipid rafts of human breast cancer cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2943-2949.	1.4	31
31	Effects of Long-Term Space Flight on Erythrocytes and Oxidative Stress of Rodents. <i>PLoS ONE</i> , 2012, 7, e32361.	1.1	65
32	Chemicalâ€“Physical Changes in Cell Membrane Microdomains of Breast Cancer Cells After Omega-3 PUFA Incorporation. <i>Cell Biochemistry and Biophysics</i> , 2012, 64, 45-59.	0.9	77
33	Protein pattern of <i>Xenopus laevis</i> embryos grown in simulated microgravity. <i>Cell Biology International</i> , 2011, 35, 249-258.	1.4	24
34	Liposome-Encapsulated Doxorubicin Reverses Drug Resistance by Inhibiting P-Glycoprotein in Human Cancer Cells. <i>Molecular Pharmaceutics</i> , 2011, 8, 683-700.	2.3	93
35	Resistance of the anhydrobiotic eutardigrade <i>Paramacrobiotus richtersi</i> to space flight (LIFEâ€“TARSE mission on FOTONâ€“M3). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2011, 49, 98-103.	0.6	31
36	Effects of n-3 PUFAs on breast cancer cells through their incorporation in plasma membrane. <i>Lipids in Health and Disease</i> , 2011, 10, 73.	1.2	101

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37	Breast cancer cell's lipid rafts modifications by n-3 polyunsaturated fatty acids. <i>Chemistry and Physics of Lipids</i> , 2010, 163, S28.	1.5	0
38	Endogenous Antioxidants and Radical Scavengers. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 52-67.	0.8	98
39	A Mint Purified Extract Protects Human Keratinocytes from Short-Term, Chemically Induced Oxidative Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11428-11434.	2.4	14
40	Antioxidant defences in hydrated and desiccated states of the tardigrade <i>Paramacrobiotus richtersi</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 156, 115-121.	0.7	78
41	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. <i>Lipids in Health and Disease</i> , 2010, 9, 7.	1.2	44
42	Biomarkers of long-chain PUFA omega-3 fatty acids and the human nutritional status. <i>Lipid Technology</i> , 2009, 21, 32-35.	0.3	4
43	Simulated microgravity induce glutathione antioxidant pathway in <i>Xenopus laevis</i> embryos. <i>Cell Biology International</i> , 2009, 33, 893-898.	1.4	9