

# Antonio Gaballo

## List of Publications by Year in descending order

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39  
papers

1,287  
citations

430442

18  
h-index

360668

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquaponics-Derived Tilapia Skin Collagen for Biomaterials Development. <i>Polymers</i> , 2022, 14, 1865.	2.0	13
2	Poly(l-lactide-co-caprolactone-co-glycolide)-Based Nanoparticles as Delivery Platform: Effect of the Surfactants on Characteristics and Delivery Efficiency. <i>Nanomaterials</i> , 2022, 12, 1550.	1.9	4
3	Investigation on the Composition of Agarose- $\alpha$ -Collagen I Blended Hydrogels as Matrices for the Growth of Spheroids from Breast Cancer Cell Lines. <i>Pharmaceutics</i> , 2021, 13, 963.	2.0	19
4	Oxidative Stress and Multi-Organ Damage Induced by Two Novel Phytocannabinoids, CBDB and CBDP, in Breast Cancer Cells. <i>Molecules</i> , 2021, 26, 5576.	1.7	4
5	A thermo-sensitive chitosan/pectin hydrogel for long-term tumor spheroid culture. <i>Carbohydrate Polymers</i> , 2021, 274, 118633.	5.1	32
6	Beneficial Oxidative Stress-Related trans-Resveratrol Effects in the Treatment and Prevention of Breast Cancer. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11041.	1.3	12
7	Carbonic Anhydrase XII Expression Is Modulated during Epithelial Mesenchymal Transition and Regulated through Protein Kinase C Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 715.	1.8	12
8	A specific lipid metabolic profile is associated with the epithelial mesenchymal transition program. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 344-357.	1.2	69
9	Quartz Crystal Microbalance as Cell-Based Biosensor to Detect and Study Cytoskeletal Alterations and Dynamics. <i>Biotechnology Journal</i> , 2018, 13, e1700699.	1.8	4
10	Neuroprotective Investigation of Chitosan Nanoparticles for Dopamine Delivery. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 474.	1.3	18
11	Polymeric Nano-Micelles as Novel Cargo-Carriers for LY2157299 Liver Cancer Cells Delivery. <i>International Journal of Molecular Sciences</i> , 2018, 19, 748.	1.8	31
12	An SPR based immunoassay for the sensitive detection of the soluble epithelial marker E-cadherin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1963-1971.	1.7	15
13	$\beta$ -Catenin Knockdown Affects Mitochondrial Biogenesis and Lipid Metabolism in Breast Cancer Cells. <i>Frontiers in Physiology</i> , 2017, 8, 544.	1.3	55
14	Resveratrol Modulation of Protein Expression in <i>parkin</i> -Mutant Human Skin Fibroblasts: A Proteomic Approach. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-22.	1.9	17
15	The complete 12.8% Mb genome and transcriptome of <i>Nonomurea gerenzanensis</i> with new insights into its duplicated $\phi$ -RNA polymerase. <i>Scientific Reports</i> , 2016, 6, 18.	1.6	40
16	Fabrication and characterization of ALK1fc-loaded fluoro-magnetic nanoparticles for inhibiting TGF $\beta$ 1 in hepatocellular carcinoma. <i>RSC Advances</i> , 2016, 6, 48834-48842.	1.7	13
17	Translating epithelial mesenchymal transition markers into the clinic: Novel insights from proteomics. <i>EuPA Open Proteomics</i> , 2016, 10, 31-41.	2.5	49
18	Altered protein expression pattern in skin fibroblasts from parkin -mutant early-onset Parkinson's disease patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1960-1970.	1.8	25

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19	Cytoskeletal Alterations and Biomechanical Properties of parkin-Mutant Human Primary Fibroblasts. <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 1395-1404.	0.9	20
20	The respiratory chains of four strains of the alkaliphilic <i>Bacillus clausii</i> . <i>FEBS Open Bio</i> , 2014, 4, 714-721.	1.0	3
21	Effect of resveratrol on mitochondrial function: Implications in parkin-associated familial Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 902-915.	1.8	194
22	<i>Sphingomonas cynarae</i> sp. nov., a proteobacterium that produces an unusual type of sphingan. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 72-79.	0.8	30
23	An active mitochondrial biogenesis occurs during dendritic cell differentiation. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1962-1969.	1.2	50
24	The Oxidative Phosphorylation System in Mammalian Mitochondria. <i>Advances in Experimental Medicine and Biology</i> , 2012, 942, 3-37.	0.8	198
25	Mitochondrial defect and PGC-1 $\beta$ dysfunction in parkin-associated familial Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1041-1053.	1.8	111
26	Comparative proteomic analysis of four <i>Bacillus clausii</i> strains: Proteomic expression signature distinguishes protein profile of the strains. <i>Journal of Proteomics</i> , 2011, 74, 2846-2855.	1.2	12
27	Structure and expression of the atp operon coding for F1F0-ATP synthase from the antibiotic-producing actinomycete <i>Nonomuraea</i> sp. ATCC 39727. <i>Research in Microbiology</i> , 2006, 157, 675-683.	1.0	8
28	Identification of a Meningococcal I-Glutamate ABC Transporter Operon Essential for Growth in Low-Sodium Environments. <i>Infection and Immunity</i> , 2006, 74, 1725-1740.	1.0	37
29	Regulation by the cAMP Cascade of Oxygen Free Radical Balance in Mammalian Cells. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 495-502.	2.5	36
30	Inhibitory and Anchoring Domains in the ATPase Inhibitor Protein IF1 of Bovine Heart Mitochondrial ATP Synthase. <i>Journal of Bioenergetics and Biomembranes</i> , 2004, 36, 447-457.	1.0	31
31	Characterization of plasma membrane respiratory chain and ATPase in the actinomycete <i>Nonomuraea</i> sp. ATCC 39727. <i>FEMS Microbiology Letters</i> , 2003, 228, 233-239.	0.7	7
32	Structures and Interactions of Proteins Involved in the Coupling Function of the Protonmotive FoF1-ATP Synthase. <i>Current Protein and Peptide Science</i> , 2002, 3, 451-460.	0.7	24
33	F1 and F0 connections in the bovine mitochondrial ATP synthase. <i>FEBS Journal</i> , 2000, 267, 4445-4455.	0.2	16
34	The structural and functional connection between the catalytic and proton translocating sectors of the mitochondrial F1F0-ATP synthase. <i>Journal of Bioenergetics and Biomembranes</i> , 2000, 32, 401-411.	1.0	20
35	Functional domains of the ATPase inhibitor protein from bovine heart mitochondria. <i>FEBS Letters</i> , 2000, 482, 163-166.	1.3	9
36	Disulfide cross-linking of subunits F1- $\beta$ and FO1-PVP(b) results in asymmetric effects on proton translocation in the mitochondrial ATP synthase. <i>FEBS Letters</i> , 1999, 463, 7-11.	1.3	6

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37	Coupling Structures and Mechanisms in the Stalk of the Bovine Mitochondrial F <sub>0</sub> F <sub>1</sub> -ATP Synthase. , 1999, , 459-487.		1
38	Topological and Functional Relationship of Subunits F <sub>1</sub> - $\hat{f}$ <sub>3</sub> and F <sub>0</sub> -PVP(b) in the Mitochondrial H <sup>+</sup> -ATP Synthase. Biochemistry, 1998, 37, 17519-17526.	1.2	8
39	Early virus isolation, early structural antigen detection and DNA amplification by the polymerase chain reaction in polymorphonuclear leuckocytes from AIDS patients with human cytomegalovirus viraemia. Molecular and Cellular Probes, 1991, 5, 365-374.	0.9	34