

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	The Oxidative Phosphorylation System in Mammalian Mitochondria. <i>Advances in Experimental Medicine and Biology</i> , 2012, 942, 3-37.	0.8	198
2	Effect of resveratrol on mitochondrial function: Implications in parkin-associated familiar Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 902-915.	1.8	194
3	Mitochondrial defect and PGC-1 β dysfunction in parkin-associated familiar Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1041-1053.	1.8	111
4	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
5	β -Catenin Knockdown Affects Mitochondrial Biogenesis and Lipid Metabolism in Breast Cancer Cells. <i>Frontiers in Physiology</i> , 2017, 8, 544.	1.3	55
6	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
7	Translating epithelial mesenchymal transition markers into the clinic: Novel insights from proteomics. <i>EuPA Open Proteomics</i> , 2016, 10, 31-41.	2.5	49
8	The complete 12 \times Mb genome and transcriptome of <i>Nonomuraea gerenzanensis</i> with new insights into its duplicated α -magnetic RNA polymerase. <i>Scientific Reports</i> , 2016, 6, 18.	1.6	40
9	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
10	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
11	Early virus isolation, early structural antigen detection and DNA amplification by the polymerase chain reaction in polymorphonuclear leucocytes from AIDS patients with human cytomegalovirus viraemia. <i>Molecular and Cellular Probes</i> , 1991, 5, 365-374.	0.9	34
12	A thermo-sensitive chitosan/pectin hydrogel for long-term tumor spheroid culture. <i>Carbohydrate Polymers</i> , 2021, 274, 118633.	5.1	32
13	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
14	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
15	<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
16	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
17	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
18	The structural and functional connection between the catalytic and proton translocating sectors of the mitochondrial F1FO-ATP synthase. <i>Journal of Bioenergetics and Biomembranes</i> , 2000, 32, 401-411.	1.0	20

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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	Investigation on the Composition of Agaroseâ€“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
21	Neuroprotective Investigation of Chitosan Nanoparticles for Dopamine Delivery. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 474.	1.3	18
22	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
23	F1 and F0 connections in the bovine mitochondrial ATP synthase. <i>FEBS Journal</i> , 2000, 267, 4445-4455.	0.2	16
24	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
25	Fabrication and characterization of ALK1fc-loaded fluoro-magnetic nanoparticles for inhibiting TGF Î²1 in hepatocellular carcinoma. <i>RSC Advances</i> , 2016, 6, 48834-48842.	1.7	13
26	Aquaponics-Derived Tilapia Skin Collagen for Biomaterials Development. <i>Polymers</i> , 2022, 14, 1865.	2.0	13
27	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
28	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
29	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
30	Functional domains of the ATPase inhibitor protein from bovine heart mitochondria. <i>FEBS Letters</i> , 2000, 482, 163-166.	1.3	9
31	Topological and Functional Relationship of Subunits F1-Î³ and F0l-PVP(b) in the Mitochondrial H ⁺ -ATP Synthase. <i>Biochemistry</i> , 1998, 37, 17519-17526.	1.2	8
32	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
33	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
34	Disulfide cross-linking of subunits F1-Î³ and F0l-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
35	Quartz Crystal Microbalance as Cellâ€“Based Biosensor to Detect and Study Cytoskeletal Alterations and Dynamics. <i>Biotechnology Journal</i> , 2018, 13, e1700699.	1.8	4
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Coupling Structures and Mechanisms in the Stalk of the Bovine Mitochondrial FOF1-ATP Synthase. , 1999, , 459-487.		1