Anna Signorile

List of Publications by Year
in descending order

44 papers	2,441 citations	159573 30 h-index	233409 45 g-index
45 all docs	45 docs citations	45 times ranked	3536 citing authors

#	Article	IF	Citations
1	Moringa oleifera Protects SH-SY5YCells from DEHP-Induced Endoplasmic Reticulum Stress and Apoptosis. Antioxidants, 2021, 10, 532.	5.1	22
2	Adhesion of Platelets to Colon Cancer Cells Is Necessary to Promote Tumor Development in Xenograft, Genetic and Inflammation Models. Cancers, 2021, 13, 4243.	3.7	4
3	Mitochondria, Oxidative Stress, cAMP Signalling and Apoptosis: A Crossroads in Lymphocytes of Multiple Sclerosis, a Possible Role of Nutraceutics. Antioxidants, 2021, 10, 21.	5.1	25
4	Resveratrol Treatment in Human Parkin-Mutant Fibroblasts Modulates cAMP and Calcium Homeostasis Regulating the Expression of Mitochondria-Associated Membranes Resident Proteins. Biomolecules, 2021, 11, 1511.	4.0	6
5	Mitochondrial Dynamics of Proximal Tubular Epithelial Cells in Nephropathic Cystinosis. International Journal of Molecular Sciences, 2020, 21, 192.	4.1	19
6	Hericium Erinaceus Prevents DEHP-Induced Mitochondrial Dysfunction and Apoptosis in PC12 Cells. International Journal of Molecular Sciences, 2020, 21, 2138.	4.1	32
7	PBMC of Multiple Sclerosis Patients Show Deregulation of OPA1 Processing Associated with Increased ROS and PHB2 Protein Levels. Biomedicines, 2020, 8, 85.	3.2	17
8	Human Ovarian Cancer Tissue Exhibits Increase of Mitochondrial Biogenesis and Cristae Remodeling. Cancers, 2019, 11, 1350.	3.7	40
9	Prohibitins: A Critical Role in Mitochondrial Functions and Implication in Diseases. Cells, 2019, 8, 71.	4.1	136
10	Increased Levels of cAMP by the Calcium-Dependent Activation of Soluble Adenylyl Cyclase in Parkin-Mutant Fibroblasts. Cells, 2019, 8, 250.	4.1	13
11	Uncoupling FoxO3A mitochondrial and nuclear functions in cancer cells undergoing metabolic stress and chemotherapy. Cell Death and Disease, 2018, 9, 231.	6.3	33
12	Impact of atypical mitochondrial cyclic-AMP level in nephropathic cystinosis. Cellular and Molecular Life Sciences, 2018, 75, 3411-3422.	5.4	25
13	Mitochondria as pharmacological targets in Down syndrome. Free Radical Biology and Medicine, 2018, 114, 69-83.	2.9	79
14	Mitochondrial cAMP prevents apoptosis modulating Sirt3 protein level and OPA1 processing in cardiac myoblast cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 355-366.	4.1	42
15	Inhibition of Drp1-mediated mitochondrial fission improves mitochondrial dynamics and bioenergetics stimulating neurogenesis in hippocampal progenitor cells from a Down syndrome mouse model. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 3117-3127.	3.8	37
16	Resveratrol Modulation of Protein Expression in parkin-Mutant Human Skin Fibroblasts: A Proteomic Approach. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-22.	4.0	17
17	Major pathogenic mechanisms in vascular dementia: Roles of cellular stress response and hormesis in neuroprotection. Journal of Neuroscience Research, 2016, 94, 1588-1603.	2.9	101
18	cAMP regulates the functional activity, coupling efficiency and structural organization of mammalian F O F 1 ATP synthase. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 350-358.	1.0	35

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19	The polyphenols resveratrol and epigallocatechin-3-gallate restore the severe impairment of mitochondria in hippocampal progenitor cells from a Down syndrome mouse model. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1093-1104.	3.8	96
20	Impaired enzymatic defensive activity, mitochondrial dysfunction and proteasome activation are involved in RTT cell oxidative damage. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2066-2074.	3.8	44
21	Intramitochondrial adenylyl cyclase controls the turnover of nuclear-encoded subunits and activity of mammalian complex I of the respiratory chain. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 183-191.	4.1	45
22	Regulation of the biogenesis of OXPHOS complexes in cell transition from replicating to quiescent state. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 675-684.	4.1	39
23	Epigallocatechin-3-gallate prevents oxidative phosphorylation deficit and promotes mitochondrial biogenesis in human cells from subjects with Down's syndrome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 542-552.	3.8	124
24	Respiratory chain complex I, a main regulatory target of the cAMP/PKA pathway is defective in different human diseases. FEBS Letters, 2012, 586, 568-577.	2.8	75
25	The Oxidative Phosphorylation System in Mammalian Mitochondria. Advances in Experimental Medicine and Biology, 2012, 942, 3-37.	1.6	198
26	Activation of the cAMP cascade in human fibroblast cultures rescues the activity of oxidatively damaged complex I. Free Radical Biology and Medicine, 2012, 52, 757-764.	2.9	35
27	Mitochondrial defect and PGC-1Î± dysfunction in parkin-associated familial Parkinson's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1041-1053.	3.8	111
28	T16189C mitochondrial DNA variant is associated with metabolic syndrome in Caucasian subjects. Nutrition, 2011, 27, 773-777.	2.4	34
29	The Î²-adrenoceptor agonist isoproterenol promotes the activity of respiratory chain complex I and lowers cellular reactive oxygen species in fibroblasts and heart myoblasts. European Journal of Pharmacology, 2011, 652, 15-22.	3.5	30
30	Rat Embryo Exposure to All-Trans Retinoic Acid Results in Postnatal Oxidative Damage of Respiratory Complex I in the Cerebellum. Molecular Pharmacology, 2011, 80, 704-713.	2.3	5
31	cAMP-dependent protein kinase regulates post-translational processing and expression of complex I subunits in mammalian cells. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 649-658.	1.0	31
32	cAMP/Ca²⁺ response elementâ€binding protein plays a central role in the biogenesis of respiratory chain proteins in mammalian cells. IUBMB Life, 2010, 62, 447-452.	3.4	25
33	cAMP response elementâ€binding protein (CREB) is imported into mitochondria and promotes protein synthesis. FEBS Journal, 2009, 276, 4325-4333.	4.7	82
34	Mammalian complex I: A regulable and vulnerable pacemaker in mitochondrial respiratory function. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 719-728.	1.0	80
35	Practical Approaches to Investigate Redox Regulation of Heat Shock Protein Expression and Intracellular Glutathione Redox State. Methods in Enzymology, 2008, 441, 83-110.	1.0	34
36	The phosphorylation pattern of bovine heart complex I subunits. Proteomics, 2007, 7, 1575-1583.	2.2	60

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37	Occurrence of A-kinase anchor protein and associated cAMP-dependent protein kinase in the inner compartment of mammalian mitochondria. FEBS Letters, 2006, 580, 5690-5696.	2.8	73
38	cAMP controls oxygen metabolism in mammalian cells. FEBS Letters, 2006, 580, 4539-4543.	2.8	60
39	Antioxidants, reactive oxygen and nitrogen species, gene induction and mitochondrial function. Molecular Aspects of Medicine, 2002, 23, 209-285.	6.4	201
40	Serine (threonine) phosphatase(s) acting on cAMP-dependent phosphoproteins in mammalian mitochondria. FEBS Letters, 2002, 512, 91-94.	2.8	45
41	The NADH: ubiquinone oxidoreductase (complex I) of the mammalian respiratory chain and the cAMP cascade. Journal of Bioenergetics and Biomembranes, 2002, 34, 1-10.	2.3	57
42	Complex I and the cAMP Cascade in Human Physiopathology. Bioscience Reports, 2002, 22, 3-16.	2.4	38
43	Cyclic Adenosine Monophosphate-Dependent Phosphorylation of Mammalian Mitochondrial Proteins:â€‰ Enzyme and Substrate Characterization and Functional Role. Biochemistry, 2001, 40, 13941-13947.	2.5	95
44	Ethanol-induced changes of intracellular thiol compartmentation and protein redox status in the rat liver: effect of tauroursodeoxycholate. Journal of Hepatology, 1998, 28, 46-53.	3.7	39