

# Anna Maria Sardanelli

## List of Publications by Year in descending order

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38  
papers

1,608  
citations

257450

24  
h-index

330143

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1952  
citing authors

#	ARTICLE	IF	CITATIONS
1	The nuclear-encoded 18 kDa (IP) AQDQ subunit of bovine heart complex I is phosphorylated by the mitochondrial cAMP-dependent protein kinase. <i>FEBS Letters</i> , 1996, 379, 299-301.	2.8	117
2	cAMP-dependent protein kinase regulates the mitochondrial import of the nuclear encoded NDUFS4 subunit of complex I. <i>Cellular Signalling</i> , 2008, 20, 989-997.	3.6	97
3	Cyclic Adenosine Monophosphate-Dependent Phosphorylation of Mammalian Mitochondrial Proteins: A Kinase Enzyme and Substrate Characterization and Functional Role. <i>Biochemistry</i> , 2001, 40, 13941-13947.	2.5	95
4	cAMP-dependent protein kinase and phosphoproteins in mammalian mitochondria. An extension of the cAMP-mediated intracellular signal transduction. <i>FEBS Letters</i> , 1999, 444, 245-249.	2.8	89
5	Mutation in the NDUFS4 gene of complex I abolishes cAMP-dependent activation of the complex in a child with fatal neurological syndrome. <i>FEBS Letters</i> , 2001, 489, 259-262.	2.8	87
6	Mammalian complex I: A regulable and vulnerable pacemaker in mitochondrial respiratory function. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 719-728.	1.0	80
7	In Vitro Acute Exposure to DEHP Affects Oocyte Meiotic Maturation, Energy and Oxidative Stress Parameters in a Large Animal Model. <i>PLoS ONE</i> , 2011, 6, e27452.	2.5	78
8	Respiratory chain complex I, a main regulatory target of the cAMP/PKA pathway is defective in different human diseases. <i>FEBS Letters</i> , 2012, 586, 568-577.	2.8	75
9	Occurrence of A-kinase anchor protein and associated cAMP-dependent protein kinase in the inner compartment of mammalian mitochondria. <i>FEBS Letters</i> , 2006, 580, 5690-5696.	2.8	73
10	Interaction of Zn <sup>2+</sup> with the bovine-heart mitochondrial bc1 complex. <i>FEBS Journal</i> , 1991, 197, 555-561.	0.2	63
11	The phosphorylation pattern of bovine heart complex I subunits. <i>Proteomics</i> , 2007, 7, 1575-1583.	2.2	60
12	Topology of the mitochondrial cAMP-dependent protein kinase and its substrates. <i>FEBS Letters</i> , 1996, 396, 276-278.	2.8	51
13	Effect of Cocoa Polyphenolic Extract on Macrophage Polarization from Proinflammatory M1 to Anti-Inflammatory M2 State. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	4.0	49
14	Mitochondrial Oxidative Stress due to Complex I Dysfunction Promotes Fibroblast Activation and Melanoma Cell Invasiveness. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-10.	2.0	48
15	cAMP-dependent protein phosphorylation in mitochondria of bovine heart. <i>FEBS Letters</i> , 1994, 350, 187-191.	2.8	46
16	Serine (threonine) phosphatase(s) acting on cAMP-dependent phosphoproteins in mammalian mitochondria. <i>FEBS Letters</i> , 2002, 512, 91-94.	2.8	45
17	Phosphorylation of mitochondrial proteins in bovine heart. <i>FEBS Letters</i> , 1993, 322, 51-55.	2.8	42
18	Phosphorylation pattern of the NDUFS4 subunit of complex I of the mammalian respiratory chain. <i>Mitochondrion</i> , 2010, 10, 464-471.	3.4	41

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19	PGC-1s in the Spotlight with Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3487.	4.1	40
20	T16189C mitochondrial DNA variant is associated with metabolic syndrome in Caucasian subjects. <i>Nutrition</i> , 2011, 27, 773-777.	2.4	34
21	Pathogenetic mechanisms in hereditary dysfunctions of complex I of the respiratory chain in neurological diseases. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 502-517.	1.0	33
22	Increase in proteins involved in mitochondrial fission, mitophagy, proteolysis and antioxidant response in type I endometrial cancer as an adaptive response to respiratory complex I deficiency. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 85-90.	2.1	30
23	Structural and functional characteristics of polypeptide subunits of the bovine heart ubiquinol-cytochrome-c reductase complex. <i>FEBS Journal</i> , 1991, 195, 731-734.	0.2	27
24	Comparative secretome analysis of four isogenic <i>Bacillus clausii</i> probiotic strains. <i>Proteome Science</i> , 2013, 11, 28.	1.7	26
25	Supplementation with nanomolar concentrations of verbascoside during in vitro maturation improves embryo development by protecting the oocyte against oxidative stress: a large animal model study. <i>Reproductive Toxicology</i> , 2016, 65, 204-211.	2.9	22
26	SARS-CoV-2 Main Protease Active Site Ligands in the Human Metabolome. <i>Molecules</i> , 2021, 26, 1409.	3.8	22
27	Mitochondrial respiratory dysfunction and mutations in mitochondrial DNA in PINK1 familial Parkinsonism. <i>Journal of Bioenergetics and Biomembranes</i> , 2009, 41, 509-516.	2.3	21
28	The endocannabinoid 2-arachidonoylglycerol decreases calcium induced cytochrome c release from liver mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2012, 44, 273-280.	2.3	21
29	Mitochondrial changes in endometrial carcinoma: Possible role in tumor diagnosis and prognosis (Review). <i>Oncology Reports</i> , 2015, 33, 1011-1018.	2.6	18
30	Identification of neutral and acidic glycosphingolipids in the human dermal fibroblasts. <i>Analytical Biochemistry</i> , 2019, 581, 113348.	2.4	13
31	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.	2.4	12
32	Dysfunction of Mitochondrial Respiratory Chain Complex I in Neurological Disorders: Genetics and Pathogenetic Mechanisms. <i>Advances in Experimental Medicine and Biology</i> , 2012, 942, 371-384.	1.6	12
33	Short-term Type 1 diabetes differentially modulates 14 proteins in rat brain and liver. <i>European Journal of Clinical Investigation</i> , 2014, 44, 350-358.	3.4	11
34	Systematic Search for SARS-CoV-2 Main Protease Inhibitors for Drug Repurposing: Ethacrynic Acid as a Potential Drug. <i>Viruses</i> , 2021, 13, 106.	3.3	11
35	The mechanism of alternative splicing of the X-linked NDUFB11 gene of the respiratory chain complex I, impact of rotenone treatment in neuroblastoma cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 211-218.	1.9	9
36	Function and expression study uncovered hepatocyte plasma membrane ecto-ATP synthase as a novel player in liver regeneration. <i>Biochemical Journal</i> , 2016, 473, 2519-2530.	3.7	8

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37	The hUPF1-NMD factor controls the cellular transcript levels of different genes of complex I of the respiratory chain. <i>Biochimie</i> , 2012, 94, 2600-2607.	2.6	2
38	cAMP-dependent protein kinase promotes mitochondrial import of the nuclear encoded NDUF54 subunit of complex I. <i>FASEB Journal</i> , 2007, 21, A661.	0.5	0