

# Consiglia Pacelli

## List of Publications by Citations

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37  
papers

5,054  
citations

19  
h-index

41  
g-index

41  
ext. papers

5,908  
ext. citations

5.8  
avg. IF

3.95  
L-index

#	Paper	IF	Citations
37	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
36	Elevated Mitochondrial Bioenergetics and Axonal Arborization Size Are Key Contributors to the Vulnerability of Dopamine Neurons. <i>Current Biology</i> , <b>2015</b> , 25, 2349-60	6.3	248
35	Effect of resveratrol on mitochondrial function: implications in parkin-associated familial Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 902-15	6.9	156
34	Mitochondrial defect and PGC-1 $\beta$ dysfunction in parkin-associated familial Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2011</b> , 1812, 1041-53	6.9	93
33	Effects of Serine 129 Phosphorylation on $\beta$ Synuclein Aggregation, Membrane Association, and Internalization. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 4374-85	5.4	87
32	Human mesenchymal stromal cell-secreted lactate induces M2-macrophage differentiation by metabolic reprogramming. <i>Oncotarget</i> , <b>2016</b> , 7, 30193-210	3.3	82
31	A clinical, genetic, and biochemical characterization of SPG7 mutations in a large cohort of patients with hereditary spastic paraplegia. <i>Human Mutation</i> , <b>2008</b> , 29, 522-31	4.7	74
30	Carvedilol inhibits mitochondrial complex I and induces resistance to H <sub>2</sub> O <sub>2</sub> -mediated oxidative insult in H9C2 myocardial cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2007</b> , 1767, 222-32	4.6	46
29	Lmx1a and Lmx1b regulate mitochondrial functions and survival of adult midbrain dopaminergic neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E4387-96	11.5	39
28	Tight control of mitochondrial membrane potential by cytochrome c oxidase. <i>Mitochondrion</i> , <b>2011</b> , 11, 334-41	4.9	36
27	Activation of the cAMP cascade in human fibroblast cultures rescues the activity of oxidatively damaged complex I. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 757-64	7.8	32
26	The $\beta$ adrenoceptor agonist isoproterenol promotes the activity of respiratory chain complex I and lowers cellular reactive oxygen species in fibroblasts and heart myoblasts. <i>European Journal of Pharmacology</i> , <b>2011</b> , 652, 15-22	5.3	26
25	Dichloroacetate Affects Mitochondrial Function and Stemness-Associated Properties in Pancreatic Cancer Cell Lines. <i>Cells</i> , <b>2019</b> , 8,	7.9	25
24	Control of OXPHOS efficiency by complex I in brain mitochondria. <i>Neurobiology of Aging</i> , <b>2009</b> , 30, 622-95.6	5.6	25
23	Comparative analysis of Parkinson's disease-associated genes in mice reveals altered survival and bioenergetics of Parkin-deficient dopamine neurons. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 9580-9593	5.4	23
22	TNF $\beta$ signals via p66(Shc) to induce E-Selectin, promote leukocyte transmigration and enhance permeability in human endothelial cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e81930	3.7	23
21	Synergistic Effect of Mitochondrial and Lysosomal Dysfunction in Parkinson's Disease. <i>Cells</i> , <b>2019</b> , 8,	7.9	22

20	Altered protein expression pattern in skin fibroblasts from parkin-mutant early-onset Parkinson disease patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 1960-70	6.9	19
19	Segregation of dopamine and glutamate release sites in dopamine neuron axons: regulation by striatal target cells. <i>FASEB Journal</i> , <b>2019</b> , 33, 400-417	0.9	19
18	Dietary choline deprivation impairs rat brain mitochondrial function and behavioral phenotype. <i>Journal of Nutrition</i> , <b>2010</b> , 140, 1072-9	4.1	19
17	Cytoskeletal Alterations and Biomechanical Properties of parkin-Mutant Human Primary Fibroblasts. <i>Cell Biochemistry and Biophysics</i> , <b>2015</b> , 71, 1395-404	3.2	16
16	Resveratrol Modulation of Protein Expression in -Mutant Human Skin Fibroblasts: A Proteomic Approach. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 2198243	6.7	13
15	Parkin Mutation Affects Clock Gene-Dependent Energy Metabolism. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	11
14	Nandrolone induces a stem cell-like phenotype in human hepatocarcinoma-derived cell line inhibiting mitochondrial respiratory activity. <i>Scientific Reports</i> , <b>2020</b> , 10, 2287	4.9	11
13	The p66Shc protein controls redox signaling and oxidation-dependent DNA damage in human liver cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 309, G826-40	5.1	11
12	Increased Levels of cAMP by the Calcium-Dependent Activation of Soluble Adenylyl Cyclase in -Mutant Fibroblasts. <i>Cells</i> , <b>2019</b> , 8,	7.9	9
11	Para-hydroxyphenylpyruvate inhibits the pro-inflammatory stimulation of macrophage preventing LPS-mediated nitro-oxidative unbalance and immunometabolic shift. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188683	3.7	8
10	The heme synthesis-export system regulates the tricarboxylic acid cycle flux and oxidative phosphorylation. <i>Cell Reports</i> , <b>2021</b> , 35, 109252	10.6	8
9	TRAP1 enhances Warburg metabolism through modulation of PFK1 expression/activity and favors resistance to EGFR inhibitors in human colorectal carcinomas. <i>Molecular Oncology</i> , <b>2020</b> , 14, 3030-3047	7.9	7
8	EXAFS reveals a structural zinc binding site in the bovine NADH-Q oxidoreductase. <i>FEBS Letters</i> , <b>2007</b> , 581, 5645-8	3.8	6
7	Deferasirox drives ROS-mediated differentiation and induces interferon-stimulated gene expression in human healthy haematopoietic stem/progenitor cells and in leukemia cells. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 171	8.3	5
6	Mitochondrial calcium drives clock gene-dependent activation of pyruvate dehydrogenase and of oxidative phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2020</b> , 1867, 118815	4.9	4
5	Loss of Function of the Gene Encoding the Histone Methyltransferase KMT2D Leads to Deregulation of Mitochondrial Respiration. <i>Cells</i> , <b>2020</b> , 9,	7.9	3
4	Decreased amount of vimentin N-terminal truncated proteolytic products in parkin-mutant skin fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 521, 693-698	3.4	2
3	ZSCAN4 mouse embryonic stem cells have an oxidative and flexible metabolic profile. <i>EMBO Reports</i> , <b>2020</b> , 21, e48942	6.5	2

2	<p>Febrile temperature reprograms by redox-mediated signaling the mitochondrial metabolic phenotype in monocyte-derived dendritic cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i>, <b>2018</b>, 1864, 685-699</p>	6.9	2
1	<p>Pathogenic Variant (1085G&gt;A) Linked to Infantile Progressive Neurological Disorder: Evidence of Maternal Transmission by Germline Mosaicism and Influence of a Contemporary in cis Variant (1535T&gt;C). <i>Genes</i>, <b>2021</b>, 12,</p>	4.2	1