

# Cristina Algieri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3229994/publications.pdf>

Version: 2024-02-01

17  
papers

254  
citations

1040056

9  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

213  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sperm function and mitochondrial activity: An insight on boar sperm metabolism. <i>Theriogenology</i> , 2020, 144, 82-88.	2.1	40
2	Molecular and Supramolecular Structure of the Mitochondrial Oxidative Phosphorylation System: Implications for Pathology. <i>Life</i> , 2021, 11, 242.	2.4	32
3	A Therapeutic Role for the F1FO-ATP Synthase. <i>SLAS Discovery</i> , 2019, 24, 893-903.	2.7	30
4	Mitochondrial Ca <sup>2+</sup> -activated F <sub>1</sub> F <sub>0</sub> -ATPase hydrolyzes ATP and promotes the permeability transition pore. <i>Annals of the New York Academy of Sciences</i> , 2019, 1457, 142-157.	3.8	23
5	Mitochondrial F-type ATP synthase: multiple enzyme functions revealed by the membrane-embedded F <sub>1</sub> F <sub>0</sub> structure. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2020, 55, 309-321.	5.2	23
6	1,5-Disubstituted 1,2,3,4-Triazoles as inhibitors of the mitochondrial Ca <sup>2+</sup> -activated F <sub>1</sub> F <sub>0</sub> -ATPase (hydrolyase) and the permeability transition pore. <i>Annals of the New York Academy of Sciences</i> , 2021, 1485, 43-55.	3.8	18
7	Phenylglyoxal inhibition of the mitochondrial F1FO-ATPase activated by Mg <sup>2+</sup> or by Ca <sup>2+</sup> provides clues on the mitochondrial permeability transition pore. <i>Archives of Biochemistry and Biophysics</i> , 2020, 681, 108258.	3.0	16
8	Sulfide affects the mitochondrial respiration, the Ca <sup>2+</sup> -activated F1FO-ATPase activity and the permeability transition pore but does not change the Mg <sup>2+</sup> -activated F1FO-ATPase activity in swine heart mitochondria. <i>Pharmacological Research</i> , 2021, 166, 105495.	7.1	15
9	Relationship between serum concentration, functional parameters and cell bioenergetics in IPEC-J2 cell line. <i>Histochemistry and Cell Biology</i> , 2021, 156, 59-67.	1.7	14
10	Mitochondria Bioenergetic Functions and Cell Metabolism Are Modulated by the Bergamot Polyphenolic Fraction. <i>Cells</i> , 2022, 11, 1401.	4.1	9
11	Biological characteristics and metabolic profile of canine mesenchymal stem cells isolated from adipose tissue and umbilical cord matrix. <i>PLoS ONE</i> , 2021, 16, e0247567.	2.5	7
12	The mitochondrial F1FO-ATPase exploits the dithiol redox state to modulate the permeability transition pore. <i>Archives of Biochemistry and Biophysics</i> , 2021, 712, 109027.	3.0	7
13	Vitamin K Vitamers Differently Affect Energy Metabolism in IPEC-J2 Cells. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 682191.	3.5	5
14	The inhibition of gadolinium ion (Gd <sup>3+</sup> ) on the mitochondrial F1FO-ATPase is linked to the modulation of the mitochondrial permeability transition pore. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 250-258.	7.5	5
15	Crucial aminoacids in the FO sector of the F1FO-ATP synthase address H <sup>+</sup> across the inner mitochondrial membrane: molecular implications in mitochondrial dysfunctions. <i>Amino Acids</i> , 2019, 51, 579-587.	2.7	4
16	Mitochondrial F1FO-ATPase and permeability transition pore response to sulfide in the midgut gland of <i>Mytilus galloprovincialis</i> . <i>Biochimie</i> , 2021, 180, 222-228.	2.6	4
17	Effects of Hydrogen Sulfide Donor NaHS on Porcine Vascular Wall-Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5267.	4.1	2