

Fabiana Trombetti

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

738
citations

17
h-index

24
g-index

55
ext. papers

858
ext. citations

4.5
avg, IF

4.12
L-index

#	Paper	IF	Citations
53	Molecular and Supramolecular Structure of the Mitochondrial Oxidative Phosphorylation System: Implications for Pathology. <i>Life</i> , 2021 , 11,	3	9
52	Relationship between serum concentration, functional parameters and cell bioenergetics in IPEC-J2 cell line. <i>Histochemistry and Cell Biology</i> , 2021 , 156, 59-67	2.4	1
51	Sulfide affects the mitochondrial respiration, the Ca-activated FF-ATPase activity and the permeability transition pore but does not change the Mg-activated FF-ATPase activity in swine heart mitochondria. <i>Pharmacological Research</i> , 2021 , 166, 105495	10.2	6
50	Vitamin K Vitamers Differently Affect Energy Metabolism in IPEC-J2 Cells. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 682191	5.6	3
49	Mitochondrial FF-ATPase and permeability transition pore response to sulfide in the midgut gland of <i>Mytilus galloprovincialis</i> . <i>Biochimie</i> , 2021 , 180, 222-228	4.6	2
48	1,5-Disubstituted-1,2,3-triazoles as inhibitors of the mitochondrial Ca -activated F F -ATP(hydrol)ase and the permeability transition pore. <i>Annals of the New York Academy of Sciences</i> , 2021 , 1485, 43-55	6.5	11
47	The inhibition of gadolinium ion (Gd) on the mitochondrial FF-ATPase is linked to the modulation of the mitochondrial permeability transition pore. <i>International Journal of Biological Macromolecules</i> , 2021 , 184, 250-258	7.9	2
46	The mitochondrial FF-ATPase exploits the dithiol redox state to modulate the permeability transition pore. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 712, 109027	4.1	1
45	Mitochondrial F-type ATP synthase: multiple enzyme functions revealed by the membrane-embedded F structure. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2020 , 55, 309-327	8.7	13
44	Phenylglyoxal inhibition of the mitochondrial FF-ATPase activated by Mg or by Ca provides clues on the mitochondrial permeability transition pore. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 681, 108258	4.1	11
43	Nicotinamide Nucleotide Transhydrogenase as a Sensor of Mitochondrial Biology. <i>Trends in Cell Biology</i> , 2020 , 30, 1-3	18.3	7
42	Mitochondrial Ca -activated F F -ATPase hydrolyzes ATP and promotes the permeability transition pore. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1457, 142-157	6.5	18
41	Characterization of metabolic profiles and lipopolysaccharide effects on porcine vascular wall mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2019 , 234, 16685-16691	7	5
40	Crucial aminoacids in the F sector of the FF-ATP synthase address H across the inner mitochondrial membrane: molecular implications in mitochondrial dysfunctions. <i>Amino Acids</i> , 2019 , 51, 579-587	3.5	4
39	A Therapeutic Role for the FF-ATP Synthase. <i>SLAS Discovery</i> , 2019 , 24, 893-903	3.4	18
38	Lipid-protein interactions in mitochondrial membranes from bivalve mollusks: molecular strategies in different species. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019 , 227, 12-20	2.3	4
37	The inhibition of the mitochondrial F1FO-ATPase activity when activated by Ca ²⁺ opens new regulatory roles for NAD. <i>Biological Chemistry</i> , 2018 , 399, 197-202	4.5	2

36	From the Ca-activated FF-ATPase to the mitochondrial permeability transition pore: an overview. <i>Biochimie</i> , 2018 , 152, 85-93	4.6	16
35	Post-translational modifications of the mitochondrial FF-ATPase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 2902-2912	4	13
34	Kinetic properties of the mitochondrial FF-ATPase activity elicited by Ca in replacement of Mg. <i>Biochimie</i> , 2017 , 140, 73-81	4.6	22
33	In vivo and in vitro effects of selected antioxidants on rabbit meat microbiota. <i>Meat Science</i> , 2017 , 123, 88-96	6.4	6
32	Mercury and protein thiols: Stimulation of mitochondrial FF-ATPase and inhibition of respiration. <i>Chemico-Biological Interactions</i> , 2016 , 260, 42-49	5	22
31	The c-Ring of the F1FO-ATP Synthase: Facts and Perspectives. <i>Journal of Membrane Biology</i> , 2016 , 249, 11-21	2.3	22
30	Preferential nitrite inhibition of the mitochondrial F1FO-ATPase activities when activated by Ca(2+) in replacement of the natural cofactor Mg(2+). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016 , 1860, 345-53	4	15
29	Thiol-Related Regulation of the Mitochondrial F1FO-ATPase Activity 2016 , 441-458		1
28	Lipid unsaturation per se does not explain the physical state of mitochondrial membranes in <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016 , 191, 66-75	2.3	1
27	Opposite rotation directions in the synthesis and hydrolysis of ATP by the ATP synthase: hints from a subunit asymmetry. <i>Journal of Membrane Biology</i> , 2015 , 248, 163-9	2.3	23
26	The a subunit asymmetry dictates the two opposite rotation directions in the synthesis and hydrolysis of ATP by the mitochondrial ATP synthase. <i>Medical Hypotheses</i> , 2015 , 84, 53-7	3.8	4
25	Thiol oxidation is crucial in the desensitization of the mitochondrial F1FO-ATPase to oligomycin and other macrolide antibiotics. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 1882-91	4	16
24	The mitochondrial F1FO-ATPase desensitization to oligomycin by tributyltin is due to thiol oxidation. <i>Biochimie</i> , 2014 , 97, 128-37	4.6	18
23	Mussel and mammalian ATP synthase share the same bioenergetic cost of ATP. <i>Journal of Bioenergetics and Biomembranes</i> , 2013 , 45, 289-300	3.7	19
22	Dietary enhancement of selected fatty acid biosynthesis in the digestive gland of <i>Mytilus galloprovincialis</i> Lmk. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 973-81	5.7	14
21	Tributyltin-driven enhancement of the DCCD insensitive Mg-ATPase activity in mussel digestive gland mitochondria. <i>Biochimie</i> , 2012 , 94, 727-33	4.6	11
20	Tri-n-butyltin binding to a low-affinity site decreases the F1FO-ATPase sensitivity to oligomycin in mussel mitochondria. <i>Applied Organometallic Chemistry</i> , 2012 , 26, 593-599	3.1	17
19	Organotin Effects in Different Phyla: Discrepancies and Similarities 2012 , 174-196		2

18	Multi-site TBT binding skews the inhibition of oligomycin on the mitochondrial Mg-ATPase in <i>Mytilus galloprovincialis</i> . <i>Biochimie</i> , 2011 , 93, 1157-64	4.6	19
17	Tributyltin (TBT) and dibutyltin (DBT) differently inhibit the mitochondrial Mg-ATPase activity in mussel digestive gland. <i>Toxicology in Vitro</i> , 2011 , 25, 117-24	3.6	29
16	Tributyltin (TBT) and mitochondrial respiration in mussel digestive gland. <i>Toxicology in Vitro</i> , 2011 , 25, 951-9	3.6	24
15	Tributyltin inhibits the oligomycin-sensitive Mg-ATPase activity in <i>Mytilus galloprovincialis</i> digestive gland mitochondria. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011 , 153, 75-81	3.2	12
14	Tributyltin (TBT) inhibition of oligomycin-sensitive Mg-ATPase activity in mussel mitochondria. <i>Toxicology in Vitro</i> , 2008 , 22, 827-36	3.6	23
13	Effect of temporal and geographical factors on fatty acid composition of <i>M. galloprovincialis</i> from the Adriatic sea. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008 , 149, 241-50	2.3	48
12	Response of Na(+)-dependent ATPase activities to the contaminant ammonia nitrogen in <i>Tapes philippinarum</i> : possible atpase involvement in ammonium transport. <i>Archives of Environmental Contamination and Toxicology</i> , 2008 , 55, 49-56	3.2	13
11	Changes in fatty acid composition of <i>Mytilus galloprovincialis</i> (Lmk) fed on microalgal and wheat germ diets. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007 , 147, 616-26	2.3	73
10	Response to alkyltins of two Na+-dependent ATPase activities in <i>Tapes philippinarum</i> and <i>Mytilus galloprovincialis</i> . <i>Toxicology in Vitro</i> , 2006 , 20, 1145-53	3.6	20
9	Yessotoxin, a shellfish biotoxin, is a potent inducer of the permeability transition in isolated mitochondria and intact cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004 , 1656, 139-47	4.6	39
8	Response of rainbow trout gill Na+-ATPase to T(3) and NaCl administration. <i>Physiological and Biochemical Zoology</i> , 2001 , 74, 694-702	2	9
7	Mussel microsomal Na+-Mg ²⁺ -ATPase sensitivity to waterborne mercury, zinc and ammonia. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1996 , 113, 185-191		8
6	Response of rainbow trout gill (Na(+)+K(+))-ATPase and chloride cells to T 3 and NaCl administration. <i>Fish Physiology and Biochemistry</i> , 1996 , 15, 265-74	2.7	12
5	Lipid composition and mitochondrial respiration in warm- and cold-adapted sea bass. <i>Lipids</i> , 1992 , 27, 371-7	1.6	30
4	Salinity dependence of the ouabain-insensitive Mg ²⁺ -dependent Na+-ATPase in gills of rainbow trout (<i>Oncorhynchus mykiss</i> Walbaum) adapted to fresh and brackish water. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1992 , 101, 1-7		4
3	Gill (Na+ + K+)- and Na+-stimulated Mg ²⁺ -dependent ATPase activities in the gilthead bream (<i>Sparus auratus</i> L.). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1990 , 95, 95-105		6
2	(Na+ + K+)- and Na+-stimulated Mg ²⁺ -dependent ATPase activities in kidney of sea bass (<i>Dicentrarchus labrax</i> L.). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1988 , 90, 41-52		6
1	Na+-like effect of monovalent cations in the stimulation of sea bass gill Mg ²⁺ -dependent Na+-stimulated ATPase. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1987 , 88, 691-5		1

