

# Fabiana Trombetti

## List of Publications by Citations

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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	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> , <b>2007</b> , 147, 616-26	2.3	73
52	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> , <b>2008</b> , 149, 241-50	2.3	48
51	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> , <b>2004</b> , 1656, 139-47	4.6	39
50	Lipid composition and mitochondrial respiration in warm- and cold-adapted sea bass. <i>Lipids</i> , <b>1992</b> , 27, 371-7	1.6	30
49	Tributyltin (TBT) and dibutyltin (DBT) differently inhibit the mitochondrial Mg-ATPase activity in mussel digestive gland. <i>Toxicology in Vitro</i> , <b>2011</b> , 25, 117-24	3.6	29
48	Tributyltin (TBT) and mitochondrial respiration in mussel digestive gland. <i>Toxicology in Vitro</i> , <b>2011</b> , 25, 951-9	3.6	24
47	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> , <b>2015</b> , 248, 163-9	2.3	23
46	Tributyltin (TBT) inhibition of oligomycin-sensitive Mg-ATPase activity in mussel mitochondria. <i>Toxicology in Vitro</i> , <b>2008</b> , 22, 827-36	3.6	23
45	Mercury and protein thiols: Stimulation of mitochondrial FF-ATPase and inhibition of respiration. <i>Chemico-Biological Interactions</i> , <b>2016</b> , 260, 42-49	5	22
44	The c-Ring of the F1FO-ATP Synthase: Facts and Perspectives. <i>Journal of Membrane Biology</i> , <b>2016</b> , 249, 11-21	2.3	22
43	Kinetic properties of the mitochondrial FF-ATPase activity elicited by Ca in replacement of Mg. <i>Biochimie</i> , <b>2017</b> , 140, 73-81	4.6	22
42	Response to alkyltins of two Na <sup>+</sup> -dependent ATPase activities in <i>Tapes philippinarum</i> and <i>Mytilus galloprovincialis</i> . <i>Toxicology in Vitro</i> , <b>2006</b> , 20, 1145-53	3.6	20
41	Mussel and mammalian ATP synthase share the same bioenergetic cost of ATP. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2013</b> , 45, 289-300	3.7	19
40	Multi-site TBT binding skews the inhibition of oligomycin on the mitochondrial Mg-ATPase in <i>Mytilus galloprovincialis</i> . <i>Biochimie</i> , <b>2011</b> , 93, 1157-64	4.6	19
39	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> , <b>2019</b> , 1457, 142-157	6.5	18
38	A Therapeutic Role for the FF-ATP Synthase. <i>SLAS Discovery</i> , <b>2019</b> , 24, 893-903	3.4	18
37	The mitochondrial F <sub>1</sub> F <sub>0</sub> -ATPase desensitization to oligomycin by tributyltin is due to thiol oxidation. <i>Biochimie</i> , <b>2014</b> , 97, 128-37	4.6	18

36	Tri-n-butyltin binding to a low-affinity site decreases the F1FO-ATPase sensitivity to oligomycin in mussel mitochondria. <i>Applied Organometallic Chemistry</i> , <b>2012</b> , 26, 593-599	3.1	17
35	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> , <b>2014</b> , 1840, 1882-91	4	16
34	From the Ca-activated FF-ATPase to the mitochondrial permeability transition pore: an overview. <i>Biochimie</i> , <b>2018</b> , 152, 85-93	4.6	16
33	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> , <b>2016</b> , 1860, 345-53	4	15
32	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> , <b>2013</b> , 61, 973-81	5.7	14
31	Mitochondrial F-type ATP synthase: multiple enzyme functions revealed by the membrane-embedded F structure. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2020</b> , 55, 309-327	8.7	13
30	Post-translational modifications of the mitochondrial FF-ATPase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2017</b> , 1861, 2902-2912	4	13
29	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> , <b>2008</b> , 55, 49-56	3.2	13
28	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> , <b>2011</b> , 153, 75-81	3.2	12
27	Response of rainbow trout gill (Na(+)+K (+))-ATPase and chloride cells to T 3 and NaCl administration. <i>Fish Physiology and Biochemistry</i> , <b>1996</b> , 15, 265-74	2.7	12
26	Tributyltin-driven enhancement of the DCCD insensitive Mg-ATPase activity in mussel digestive gland mitochondria. <i>Biochimie</i> , <b>2012</b> , 94, 727-33	4.6	11
25	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> , <b>2020</b> , 681, 108258	4.1	11
24	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> , <b>2021</b> , 1485, 43-55	6.5	11
23	Response of rainbow trout gill Na+-ATPase to T(3) and NaCl administration. <i>Physiological and Biochemical Zoology</i> , <b>2001</b> , 74, 694-702	2	9
22	Molecular and Supramolecular Structure of the Mitochondrial Oxidative Phosphorylation System: Implications for Pathology. <i>Life</i> , <b>2021</b> , 11,	3	9
21	Mussel microsomal Na+-Mg2+-ATPase sensitivity to waterborne mercury, zinc and ammonia. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , <b>1996</b> , 113, 185-191		8
20	Nicotinamide Nucleotide Transhydrogenase as a Sensor of Mitochondrial Biology. <i>Trends in Cell Biology</i> , <b>2020</b> , 30, 1-3	18.3	7
19	In vivo and in vitro effects of selected antioxidants on rabbit meat microbiota. <i>Meat Science</i> , <b>2017</b> , 123, 88-96	6.4	6

18	Gill (Na <sup>+</sup> + K <sup>+</sup> )- and Na <sup>+</sup> -stimulated Mg <sup>2+</sup> -dependent ATPase activities in the gilthead bream ( <i>Sparus auratus</i> L.). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1990</b> , 95, 95-105		6
17	(Na <sup>+</sup> + K <sup>+</sup> )- and Na <sup>+</sup> -stimulated Mg <sup>2+</sup> -dependent ATPase activities in kidney of sea bass ( <i>Dicentrarchus labrax</i> L.). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1988</b> , 90, 41-52		6
16	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> , <b>2021</b> , 166, 105495	10.2	6
15	Characterization of metabolic profiles and lipopolysaccharide effects on porcine vascular wall mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 16685-16691	7	5
14	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> , <b>2019</b> , 51, 579-587	3.5	4
13	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> , <b>2015</b> , 84, 53-7	3.8	4
12	Salinity dependence of the ouabain-insensitive Mg <sup>2+</sup> -dependent Na <sup>+</sup> -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> , <b>1992</b> , 101, 1-7		4
11	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> , <b>2019</b> , 227, 12-20	2.3	4
10	Vitamin K Vitamers Differently Affect Energy Metabolism in IPEC-J2 Cells. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 682191	5.6	3
9	The inhibition of the mitochondrial F1FO-ATPase activity when activated by Ca <sup>2+</sup> opens new regulatory roles for NAD. <i>Biological Chemistry</i> , <b>2018</b> , 399, 197-202	4.5	2
8	Organotin Effects in Different Phyla: Discrepancies and Similarities <b>2012</b> , 174-196		2
7	Mitochondrial FF-ATPase and permeability transition pore response to sulfide in the midgut gland of <i>Mytilus galloprovincialis</i> . <i>Biochimie</i> , <b>2021</b> , 180, 222-228	4.6	2
6	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> , <b>2021</b> , 184, 250-258	7.9	2
5	Thiol-Related Regulation of the Mitochondrial F1FO-ATPase Activity <b>2016</b> , 441-458		1
4	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> , <b>2016</b> , 191, 66-75	2.3	1
3	Na <sup>+</sup> -like effect of monovalent cations in the stimulation of sea bass gill Mg <sup>2+</sup> -dependent Na <sup>+</sup> -stimulated ATPase. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1987</b> , 88, 691-5		1
2	Relationship between serum concentration, functional parameters and cell bioenergetics in IPEC-J2 cell line. <i>Histochemistry and Cell Biology</i> , <b>2021</b> , 156, 59-67	2.4	1
1	The mitochondrial FF-ATPase exploits the dithiol redox state to modulate the permeability transition pore. <i>Archives of Biochemistry and Biophysics</i> , <b>2021</b> , 712, 109027	4.1	1

