

Alessandra Pagliarani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2684028/publications.pdf>

Version: 2024-02-01

75
papers

1,334
citations

304743

22
h-index

454955

30
g-index

75
all docs

75
docs citations

75
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 616-626.	1.6	83
2	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, 241-250.	1.6	54
3	Toxicity of organotin compounds: Shared and unshared biochemical targets and mechanisms in animal cells. <i>Toxicology in Vitro</i> , 2013, 27, 978-990.	2.4	54
4	Sperm function and mitochondrial activity: An insight on boar sperm metabolism. <i>Theriogenology</i> , 2020, 144, 82-88.	2.1	40
5	Chemical and biochemical parameters of cultured diatoms and bacteria from the Adriatic Sea as possible biomarkers of mucilage production. <i>Science of the Total Environment</i> , 2005, 353, 287-299.	8.0	36
6	Lipid composition and mitochondrial respiration in warm- and cold-adapted sea bass. <i>Lipids</i> , 1992, 27, 371-377.	1.7	35
7	Tributyltin (TBT) and dibutyltin (DBT) differently inhibit the mitochondrial Mg-ATPase activity in mussel digestive gland. <i>Toxicology in Vitro</i> , 2011, 25, 117-124.	2.4	33
8	Molecular and Supramolecular Structure of the Mitochondrial Oxidative Phosphorylation System: Implications for Pathology. <i>Life</i> , 2021, 11, 242.	2.4	32
9	Mercury and protein thiols: Stimulation of mitochondrial F1FO-ATPase and inhibition of respiration. <i>Chemico-Biological Interactions</i> , 2016, 260, 42-49.	4.0	31
10	A Therapeutic Role for the F1FO-ATP Synthase. <i>SLAS Discovery</i> , 2019, 24, 893-903.	2.7	30
11	The c-Ring of the F1FO-ATP Synthase: Facts and Perspectives. <i>Journal of Membrane Biology</i> , 2016, 249, 11-21.	2.1	28
12	Ouabain-insensitive Na ⁺ stimulation of a microsomal Mg ⁺ -ATPase in gills of sea bass (<i>Dicentrarchus</i>) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5	0.6	27
13	Tributyltin (TBT) and mitochondrial respiration in mussel digestive gland. <i>Toxicology in Vitro</i> , 2011, 25, 951-959.	2.4	27
14	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, 163-169.	2.1	27
15	Kinetic properties of the mitochondrial F 1 F O -ATPase activity elicited by Ca 2+ in replacement of Mg 2+. <i>Biochimie</i> , 2017, 140, 73-81.	2.6	27
16	Tributyltin (TBT) inhibition of oligomycin-sensitive Mg-ATPase activity in mussel mitochondria. <i>Toxicology in Vitro</i> , 2008, 22, 827-836.	2.4	26
17	Gill (Na ⁺ + K ⁺)-ATPase involvement and regulation during salmonid adaptation to salt water. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1992, 102, 637-643.	0.6	25
18	Blue-back fish: Fatty acid profile in selected seasons and retention upon baking. <i>Food Chemistry</i> , 2010, 123, 306-314.	8.2	25

#	ARTICLE	IF	CITATIONS
19	The mitochondrial F ₁ F ₀ -ATPase desensitization to oligomycin by tributyltin is due to thiol oxidation. <i>Biochimie</i> , 2014, 97, 128-137.	2.6	25
20	From the Ca ²⁺ -activated F ₁ F ₀ -ATPase to the mitochondrial permeability transition pore: an overview. <i>Biochimie</i> , 2018, 152, 85-93.	2.6	25
21	Modifiers of the oligomycin sensitivity of the mitochondrial F ₁ F ₀ -ATPase. <i>Mitochondrion</i> , 2013, 13, 312-319.	3.4	23
22	Mitochondrial Ca ²⁺ -activated F ₁ F ₀ -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
23	Mitochondrial F-type ATP synthase: multiple enzyme functions revealed by the membrane-embedded F ₀ structure. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2020, 55, 309-321.	5.2	23
24	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, 1145-1153.	2.4	22
25	Multi-site TBT binding skews the inhibition of oligomycin on the mitochondrial Mg ²⁺ -ATPase in <i>Mytilus galloprovincialis</i> . <i>Biochimie</i> , 2011, 93, 1157-1164.	2.6	22
26	Effect of diets containing different oils on brain fatty acid composition in sea bass (<i>Dicentrarchus labrax</i>). <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 1075-1082.	0.2	21
27	Novel Drugs Targeting the c-Ring of the F ₁ F ₀ -ATP Synthase. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 815-824.	2.4	21
28	Mussel and mammalian ATP synthase share the same bioenergetic cost of ATP. <i>Journal of Bioenergetics and Biomembranes</i> , 2013, 45, 289-300.	2.3	20
29	Nicotinamide Nucleotide Transhydrogenase as a Sensor of Mitochondrial Biology. <i>Trends in Cell Biology</i> , 2020, 30, 1-3.	7.9	20

30

#	ARTICLE	IF	CITATIONS
37	Structural and functional changes in gill mitochondrial membranes from the Mediterranean mussel <i>Mytilus galloprovincialis</i> exposed to tributyltin. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 877-884.	4.3	17
38	Preferential nitrite inhibition of the mitochondrial F ₁ FO-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, 345-353.	2.4	17
39	Lipid composition and microsomal ATPase activities in gills and kidneys of warm- and cold-acclimated sea bass (<i>Dicentrarchus labrax</i> L.). <i>Fish Physiology and Biochemistry</i> , 1993, 12, 293-304.	2.3	16
40	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, 973-981.	5.2	16
41	Phenylglyoxal inhibition of the mitochondrial F ₁ FO-ATPase activated by Mg ²⁺ or by Ca ²⁺ provides clues on the mitochondrial permeability transition pore. <i>Archives of Biochemistry and Biophysics</i> , 2020, 681, 108258.	3.0	16
42	Sulfide affects the mitochondrial respiration, the Ca ²⁺ -activated F ₁ FO-ATPase activity and the permeability transition pore but does not change the Mg ²⁺ -activated F ₁ FO-ATPase activity in swine heart mitochondria. <i>Pharmacological Research</i> , 2021, 166, 105495.	7.1	15
43	Response of Na ⁺ -dependent ATPase Activities to the Contaminant Ammonia Nitrogen in Tapes philippinarum: Possible ATPase Involvement in Ammonium Transport. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 55, 49-56.	4.1	14
44	Emerging Roles for the Mitochondrial ATP Synthase Supercomplexes. <i>Trends in Biochemical Sciences</i> , 2019, 44, 821-823.	7.5	14
45	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
46	Tributyltin-driven enhancement of the DCCD insensitive Mg-ATPase activity in mussel digestive gland mitochondria. <i>Biochimie</i> , 2012, 94, 727-733.	2.6	13
47	Response of rainbow trout gill (Na ⁺ +K ⁺)-ATPase and chloride cells to T3 and NaCl administration. <i>Fish Physiology and Biochemistry</i> , 1996, 15, 265-274.	2.3	12
48	Incoming news on the F-type ATPase structure and functions in mammalian mitochondria. <i>BBA Advances</i> , 2021, 1, 100001.	1.6	11
49	(Na ⁺ + K ⁺)- and Na ⁺ -stimulated Mg ²⁺ -dependent ATPase activities in kidney of sea bass (<i>Dicentrarchus</i>) Tj ETQq1 1 0,784314 rgBT /C	0.2	10
50	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.	0.5	10
51	Response of Rainbow Trout Gill Na ⁺ -ATPase to T3 and NaCl Administration. <i>Physiological and Biochemical Zoology</i> , 2001, 74, 694-702.	1.5	9
52	Modulation of the F ₁ F ₀ -ATPase function by butyltin compounds. <i>Applied Organometallic Chemistry</i> , 2013, 27, 199-205.	3.5	9
53	Gill (Na ⁺ + K ⁺)- and Na ⁺ -stimulated Mg ²⁺ -dependent ATPase activities in the gilthead bream <i>Sparus</i> 95-105.	0.2	7
54	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.	0.2	7

#	ARTICLE	IF	CITATIONS
55	Response to T3 treatment and changing environmental salinity of liver lipid composition, mitochondrial respiration and (Na ⁺ +K ⁺)-ATPase activity in rainbow trout <i>Oncorhynchus mykiss</i> Walbaum. <i>Aquaculture Research</i> , 2002, 33, 891-905.	1.8	7
56	Lipid and DNA features of <i>Gonyaulax fragilis</i> (Dinophyceae) as potential biomarkers in mucilage genesis. <i>Harmful Algae</i> , 2010, 9, 359-366.	4.8	7
57	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.	1.6	7
58	Ca ²⁺ as cofactor of the mitochondrial H ⁺ -translocating F ₁ F ₀ -ATPase (hydrolyase). <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 477-482.	2.6	7
59	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
60	The mitochondrial F ₁ F ₀ -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
61	Characterization of gill in the sea bass (<i>Dicentrarchus labrax</i> L.). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1985, 80, 23-33.	0.2	5
62	Phosphorylated intermediate of the ouabain-insensitive, Na ⁺ -stimulated ATPase in rat kidney cortex and rainbow trout gills. <i>Biochimie</i> , 2010, 92, 128-135.	2.6	5
63	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, 53-57.	1.5	5
64	Characterization of metabolic profiles and lipopolysaccharide effects on porcine vascular wall mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 16685-16691.	4.1	5
65	Vitamin K Vitamers Differently Affect Energy Metabolism in IPEC-J2 Cells. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 682191.	3.5	5
66	The inhibition of gadolinium ion (Gd ³⁺) on the mitochondrial F ₁ F ₀ -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
67	Mg ²⁺ -dependent (Na ⁺ + K ⁺)- and Na ⁺ -ATPases in the kidneys of the gilthead bream (<i>Sparus auratus</i> L.). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1990, 97, 343-354.	0.2	4
68	Crucial aminoacids in the FO sector of the F ₁ F ₀ -ATP synthase address H ⁺ across the inner mitochondrial membrane: molecular implications in mitochondrial dysfunctions. <i>Amino Acids</i> , 2019, 51, 579-587.	2.7	4
69	Mitochondrial F ₁ F ₀ -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
70	The inhibition of the mitochondrial F ₁ F ₀ -ATPase activity when activated by Ca ²⁺ opens new regulatory roles for NAD ⁺ . <i>Biological Chemistry</i> , 2018, 399, 197-202.	2.5	2
71	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
72	Organotin Effects in Different Phyla: Discrepancies and Similarities. , 2012, , 174-196.		2

#	ARTICLE	IF	CITATIONS
73	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, 691-695.	0.2	1
74	Thiol-Related Regulation of the Mitochondrial F1FO-ATPase Activity. , 2016, , 441-458.		1
75	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.	1.6	1