Pierre-Axel Monternier

List of Publications by Year
in descending order

9	487	1163117 8	1474206 9
papers	citations	h-index	g-index

9	9	9	788
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Production of superoxide and hydrogen peroxide from specific mitochondrial sites under different bioenergetic conditions. Journal of Biological Chemistry, 2017, 292, 16804-16809.	3.4	336
2	Mitochondrial phenotypic flexibility enhances energy savings during winter fast in king penguin chicks. Journal of Experimental Biology, 2014, 217, 2691-7.	1.7	45
3	S1QELs suppress mitochondrial superoxide/hydrogen peroxide production from site IQ without inhibiting reverse electron flow through Complex I. Free Radical Biology and Medicine, 2019, 143, 545-559.	2.9	30
4	Skeletal muscle heterogeneity in fasting-induced mitochondrial oxidative phosphorylation flexibility in cold-acclimated ducklings. Journal of Experimental Biology, 2015, 218, 2427-34.	1.7	22
5	Hormetic response triggers multifaceted anti-oxidant strategies in immature king penguins () Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.9	13
6	Reduced lactic acidosis risk with Imeglimin: Comparison with Metformin. Physiological Reports, 2022, 10, e15151.	1.7	13
7	Mitochondrial oxidative phosphorylation efficiency is upregulated during fasting in two major oxidative tissues of ducklings. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 212, 1-8.	1.8	12
8	Skeletal muscle metabolism in sea-acclimatized king penguins: II. Improved efficiency of mitochondrial bioenergetics. Journal of Experimental Biology, 2020, 223, .	1.7	10
9	Lipid-induced thermogenesis is up-regulated by the first cold-water immersions in juvenile penguins. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 639-650.	1.5	6