Michael Kohlhaas

List of Publications by Year
in descending order

12	1,359	933447 10	1281871 11
papers	citations	h-index	g-index

14	14	14	2337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reversal of Mitochondrial Transhydrogenase Causes Oxidative Stress in Heart Failure. Cell Metabolism, 2015, 22, 472-484.	16.2	307
2	Mitofusin 2-Containing Mitochondrial-Reticular Microdomains Direct Rapid Cardiomyocyte Bioenergetic Responses Via Interorganelle Ca ²⁺ Crosstalk. Circulation Research, 2012, 111, 863-875.	4.5	286
3	Elevated Cytosolic Na ⁺ Increases Mitochondrial Formation of Reactive Oxygen Species in Failing Cardiac Myocytes. Circulation, 2010, 121, 1606-1613.	1.6	273
4	Mitochondrial reactive oxygen species production and elimination. Journal of Molecular and Cellular Cardiology, 2014, 73, 26-33.	1.9	243
5	Adverse Bioenergetic Consequences of Na ⁺ -Ca ²⁺ Exchangerâ€“Mediated Ca ²⁺ Influx in Cardiac Myocytes. Circulation, 2010, 122, 2273-2280.	1.6	76
6	Mitochondrial energetics and calcium coupling in the heart. Journal of Physiology, 2017, 595, 3753-3763.	2.9	67
7	Metabolic alterations in a rat model of takotsubo syndrome. Cardiovascular Research, 2022, 118, 1932-1946.	3.8	31
8	Selective NADH communication from Î±-ketoglutarate dehydrogenase to mitochondrial transhydrogenase prevents reactive oxygen species formation under reducing conditions in the heart. Basic Research in Cardiology, 2020, 115, 53.	5.9	28
9	Loss of autophagy protein ATG5 impairs cardiac capacity in mice and humans through diminishing mitochondrial abundance and disrupting Ca2+ cycling. Cardiovascular Research, 2022, 118, 1492-1505.	3.8	18
10	Endogenous nitric oxide formation in cardiac myocytes does not control respiration during Î²â€adrenergic stimulation. Journal of Physiology, 2017, 595, 3781-3798.	2.9	16
11	The Î±2-isoform of the Na⁺/K⁺-ATPase protects against pathological remodeling and Î²-adrenergic desensitization after myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H650-H662.	3.2	12
12	Reply to Blaustein et al.. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H119-H1120.	3.2	0