

Michael Kohlhaas

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,359
citations

933447

10
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

2337
citing authors

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