Kimberley M Mellor

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/6436090/kimberley-m-mellor-publications-by-year.pdf
Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32 papers	936 citations	19 h-index	30 g-index
37 ext. papers	1,092 ext. citations	4.9 avg, IF	4.2 L-index

#	Paper	IF	Citations
32	Glycogen-autophagy: Molecular machinery and cellular mechanisms of glycophagy. *Journal of Biological Chemistry*, **2022**, 102093	5.4	1
31	Elevated myocardial fructose and sorbitol levels are associated with diastolic dysfunction in diabetic patients, and cardiomyocyte lipid inclusions in vitro. *Nutrition and Diabetes*, **2021**, 11, 8	4.7	1
30	Myocardial Energy Stress, Autophagy Induction, and Cardiomyocyte Functional Responses. *Antioxidants and Redox Signaling*, **2019**, 31, 472-486	8.4	9
29	Diastolic dysfunction is more apparent in STZ-induced diabetic female mice, despite less pronounced hyperglycemia. *Scientific Reports*, **2018**, 8, 2346	4.9	17
28	Cardiomyocyte Functional Etiology in Heart Failure With Preserved Ejection Fraction Is Distinctive-A New Preclinical Model. *Journal of the American Heart Association*, **2018**, 7,	6	17
27	Cardiac troponins may be irreversibly modified by glycation: novel potential mechanisms of cardiac performance modulation. *Scientific Reports*, **2018**, 8, 16084	4.9	11
26	Does the intercept of the heat-stress relation provide an accurate estimate of cardiac activation heat?. *Journal of Physiology*, **2017**, 595, 4725-4733	3.9	14
25	□-Adrenoceptor, but not □-adrenoceptor, subtype regulates heart rate in type 2 diabetic rats in vivo. *Experimental Physiology*, **2017**, 102, 911-923	2.4	7
24	Myocardial stress and autophagy: mechanisms and potential therapies. *Nature Reviews Cardiology*, **2017**, 14, 412-425	14.8	100
23	Diabetic Cardiomyopathy: The Case for a Role of Fructose in Disease Etiology. *Diabetes*, **2016**, 65, 3521-3528	3.9	30
22	Dietary omega-6 fatty acid replacement selectively impairs cardiac functional recovery after ischemia in female (but not male) rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H768-80	5.2	5
21	Myocardial and cardiomyocyte stress resilience is enhanced in aromatase-deficient female mouse hearts through CaMKII□activation. *Endocrinology*, **2015**, 156, 1429-40	4.8	11
20	Glucose as an agent of post-translational modification in diabetes--New cardiac epigenetic insights. *Life Sciences*, **2015**, 129, 48-53	6.8	20
19	Myocardial autophagic energy stress responses--macroautophagy, mitophagy, and glycophagy. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 308, H1194-204	5.2	47
18	Myocardial glycogen dynamics: new perspectives on disease mechanisms. *Clinical and Experimental Pharmacology and Physiology*, **2015**, 42, 415-25	3	21
17	Ageing-related cardiomyocyte functional decline is sex and angiotensin II dependent. *Age*, **2014**, 36, 9630		20
16	Cardiomyocyte glycophagy is regulated by insulin and exposure to high extracellular glucose. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 306, H1240-5	5.2	29

List of Publications

15	The afterload-dependent peak efficiency of the isolated working rat heart is unaffected by streptozotocin-induced diabetes. *Cardiovascular Diabetology*, **2014**, 13, 4	8.7	13
14	Autophagic predisposition in the insulin resistant diabetic heart. *Life Sciences*, **2013**, 92, 616-20	6.8	10
13	Myocardial insulin resistance, metabolic stress and autophagy in diabetes. *Clinical and Experimental Pharmacology and Physiology*, **2013**, 40, 56-61	3	24
12	Myocardial glycophagy - a specific glycogen handling response to metabolic stress is accentuated in the female heart. *Journal of Molecular and Cellular Cardiology*, **2013**, 65, 67-75	5.8	54
11	Sex, sex steroids, and diabetic cardiomyopathy: making the case for experimental focus. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 305, H779-92	5.2	17
10	Fructose diet treatment in mice induces fundamental disturbance of cardiomyocyte Ca2+ handling and myofilament responsiveness. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 302, H964-72	5.2	38
9	Myocardial autophagy activation and suppressed survival signaling is associated with insulin resistance in fructose-fed mice. *Journal of Molecular and Cellular Cardiology*, **2011**, 50, 1035-43	5.8	154
8	Cardiac ischaemic stress: cardiomyocyte Ca□+, sex and sex steroids. *Clinical and Experimental Pharmacology and Physiology*, **2011**, 38, 717-23	3	19
7	Aromatase deficiency confers paradoxical postischemic cardioprotection. *Endocrinology*, **2011**, 152, 4937-47	4.8	38
6	Autophagy anomalies in the diabetic myocardium. *Autophagy*, **2011**, 7, 1263-7	10.2	39
5	Fructose modulates cardiomyocyte excitation-contraction coupling and Ca□+ handling in vitro. *PLoS ONE*, **2011**, 6, e25204	3.7	23
4	Reactive oxygen species and insulin-resistant cardiomyopathy. *Clinical and Experimental Pharmacology and Physiology*, **2010**, 37, 222-8	3	36
3	Elevated dietary sugar and the heart: experimental models and myocardial remodeling. *Canadian Journal of Physiology and Pharmacology*, **2010**, 88, 525-40	2.4	32
2	High-fructose diet elevates myocardial superoxide generation in mice in the absence of cardiac hypertrophy. *Nutrition*, **2010**, 26, 842-8	4.8	46
1	Heritable pathologic cardiac hypertrophy in adulthood is preceded by neonatal cardiac growth restriction. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 296, R672-80	3.2	27