Mahmoud Abdellatif

List of Publications by Citations

35 papers	1,548 citations	12 h-index	39 g-index
41 ext. papers	2,509 ext. citations	10.1 avg, IF	4.26 L-index

#	Paper	IF	Citations
35	Cardioprotection and lifespan extension by the natural polyamine spermidine. *Nature Medicine*, **2016**, 22, 1428-1438	50.5	532
34	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
33	Cold-Induced Thermogenesis Depends on ATGL-Mediated Lipolysis in Cardiac Muscle, but Not Brown Adipose Tissue. *Cell Metabolism*, **2017**, 26, 753-763.e7	24.6	164
32	Autophagy in Cardiovascular Aging. *Circulation Research*, **2018**, 123, 803-824	15.7	99
31	The flavonoid 4,4Ÿdimethoxychalcone promotes autophagy-dependent longevity across species. *Nature Communications*, **2019**, 10, 651	17.4	62
30	Dietary spermidine for lowering high blood pressure. *Autophagy*, **2017**, 13, 767-769	10.2	44
29	Nicotinamide for the treatment of heart failure with preserved ejection fraction. *Science Translational Medicine*, **2021**, 13,	17.5	38
28	Echocardiography and invasive hemodynamics during stress testing for diagnosis of heart failure with preserved ejection fraction: an experimental study. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 308, H1556-63	5.2	35
27	Afterload-induced diastolic dysfunction contributes to high filling pressures in experimental heart failure with preserved ejection fraction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 309, H1648-54	5.2	25
26	Autophagy in cardiovascular health and disease. *Progress in Molecular Biology and Translational Science*, **2020**, 172, 87-106	4	18
25	CaMKIIĈ Drives Early Adaptive Ca Change and Late Eccentric Cardiac Hypertrophy. *Circulation Research*, **2020**, 127, 1159-1178	15.7	15
24	Right ventricular end-diastolic stiffness heralds right ventricular failure in monocrotaline-induced pulmonary hypertension. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H1004-H1013	5.2	12
23	Spectral transfer function analysis of respiratory hemodynamic fluctuations predicts end-diastolic stiffness in preserved ejection fraction heart failure. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 310, H4-13	5.2	10
22	Targeting the Mitochondria-Proteostasis Axis to Delay Aging. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 656201	5.7	9
21	NAD Metabolism in Cardiac Health, Aging, and Disease. *Circulation*, **2021**, 144, 1795-1817	16.7	6
20	Autophagy promotes longevity-except in the presence of ŸeakyŸmitochondria. *Cardiovascular Research*, **2019**, 115, e118-e120	9.9	5
19	Conserved cysteines in titin sustain the mechanical function of cardiomyocytes		4

18	Loss of autophagy protein ATG5 impairs cardiac capacity in mice and humans through diminishing mitochondrial abundance and disrupting Ca2+ cycling. *Cardiovascular Research*, **2021**,	9.9	4
17	NAD+ metabolism and cardiometabolic health: the human evidence. *Cardiovascular Research*, **2021**, 117, e106-e109	9.9	4
16	Targeting Cardiovascular Risk Factors Through Dietary Adaptations and Caloric Restriction Mimetics. *Frontiers in Nutrition*, **2021**, 8, 758058	6.2	4
15	Cardiovascular benefits of intermittent fasting. *Cardiovascular Research*, **2020**, 116, e36-e38	9.9	3
14	Cardioprotection by spermidine does not depend on structural characteristics of the myocardial microcirculation in aged mice. *Experimental Gerontology*, **2019**, 119, 82-88	4.5	2
13	-acetylaspartate availability is essential for juvenile survival on fat-free diet and determines metabolic health. *FASEB Journal*, **2019**, 33, 13808-13824	0.9	2
12	NAD+ and Vascular Dysfunction: From Mechanisms to Therapeutic Opportunities. *Journal of Lipid and Atherosclerosis*, **2022**, 11, 111	3	2
11	Immunometabolism: a key target to improve microcirculation in ageing. *Cardiovascular Research*, **2020**, 116, e48-e50	9.9	1
10	Co-ordinated mitochondrial degradation by autophagy and heterophagy in cardiac homeostasis. *Cardiovascular Research*, **2021**, 117, e1-e3	9.9	1
9	Small molecule STING inhibition improves myocardial infarction remodeling.. *Life Sciences*, **2021**, 291, 120263	6.8	0
8	The HSP40 chaperone Ydj1 drives amyloid beta 42 toxicity.. *EMBO Molecular Medicine*, **2022**, e13952	12	0
7	Basal oxidation of conserved cysteines modulates cardiac titin stiffness and dynamics.. *Redox Biology*, **2022**, 52, 102306	11.3	0
6	Heart failure with preserved ejection fraction: An age-related condition.. *Journal of Molecular and Cellular Cardiology*, **2022**, 167, 83-84	5.8	0
5	Scientists on the Spot: from the Scientists of Tomorrow to the scientist of today. *Cardiovascular Research*, **2020**, 116, e184-e185	9.9	
4	Exercise-induced sudden cardiac death is caused by mitochondrio-nuclear translocation of AIF. *Cell Death and Disease*, **2021**, 12, 383	9.8	
3	Scientists on the Spot: A fraction of wisdom on heart failure. *Cardiovascular Research*, **2021**, 117, e114-e115	9.9	
2	Effects of physiologic inputs on autophagy **2022**, 81-95		
1	Metabolic therapy for managing heart failure with preserved ejection fraction.. *Journal of Molecular and Cellular Cardiology*, **2022**,	5.8	