

Mahmoud Abdellatif

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,362
citations

516710

16
h-index

361022

35
g-index

41
all docs

41
docs citations

41
times ranked

5609
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overclock 10 Tf 50,742 1,430	9.1	50,742
2	Cardioprotection and lifespan extension by the natural polyamine spermidine. Nature Medicine, 2016, 22, 1428-1438.	30.7	801
3	Cold-Induced Thermogenesis Depends on ATGL-Mediated Lipolysis in Cardiac Muscle, but Not Brown Adipose Tissue. Cell Metabolism, 2017, 26, 753-763.e7.	16.2	242
4	Autophagy in Cardiovascular Aging. Circulation Research, 2018, 123, 803-824.	4.5	171
5	Nicotinamide for the treatment of heart failure with preserved ejection fraction. Science Translational Medicine, 2021, 13, .	12.4	109
6	The flavonoid 4,4'-dimethoxychalcone promotes autophagy-dependent longevity across species. Nature Communications, 2019, 10, 651.	12.8	100
7	NAD ⁺ Metabolism in Cardiac Health, Aging, and Disease. Circulation, 2021, 144, 1795-1817.	1.6	64
8	Dietary spermidine for lowering high blood pressure. Autophagy, 2017, 13, 767-769.	9.1	63
9	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-H1563.	3.2	40
10	Autophagy in cardiovascular health and disease. Progress in Molecular Biology and Translational Science, 2020, 172, 87-106.	1.7	35
11	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-H1654.	3.2	33
12	CaMKII α Drives Early Adaptive Ca ²⁺ Change and Late Eccentric Cardiac Hypertrophy. Circulation Research, 2020, 127, 1159-1178.	4.5	31
13	Fine-Tuning Cardiac Insulin-Like Growth Factor 1 Receptor Signaling to Promote Health and Longevity. Circulation, 2022, 145, 1853-1866.	1.6	29
14	Targeting the Mitochondria-Proteostasis Axis to Delay Aging. Frontiers in Cell and Developmental Biology, 2021, 9, 656201.	3.7	23
15	Small molecule STING inhibition improves myocardial infarction remodeling. Life Sciences, 2022, 291, 120263.	4.3	21
16	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
17	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.	3.2	17
18	The HSP40 chaperone Ydj1 drives amyloid beta 42 toxicity. EMBO Molecular Medicine, 2022, 14, e13952.	6.9	16

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19	Spermidine supplementation influences mitochondrial number and morphology in the heart of aged mice. <i>Journal of Anatomy</i> , 2023, 242, 91-101.	1.5	16
20	Targeting Cardiovascular Risk Factors Through Dietary Adaptations and Caloric Restriction Mimetics. <i>Frontiers in Nutrition</i> , 2021, 8, 758058.	3.7	13
21	Spectral transfer function analysis of respiratory hemodynamic fluctuations predicts end-diastolic stiffness in preserved ejection fraction heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H4-H13.	3.2	12
22	Cardiovascular benefits of intermittent fasting. <i>Cardiovascular Research</i> , 2020, 116, e36-e38.	3.8	9
23	NAD ⁺ metabolism and cardiometabolic health: the human evidence. <i>Cardiovascular Research</i> , 2021, 117, e106-e109.	3.8	7
24	Cardioprotective effects of autophagy induction in sepsis. <i>Annals of Translational Medicine</i> , 2018, 6, S61-S61.	1.7	7
25	Basal oxidation of conserved cysteines modulates cardiac titin stiffness and dynamics. <i>Redox Biology</i> , 2022, 52, 102306.	9.0	7
26	NAD ⁺ and Vascular Dysfunction: From Mechanisms to Therapeutic Opportunities. <i>Journal of Lipid and Atherosclerosis</i> , 2022, 11, 111.	3.5	7
27	N-acetylaspartate availability is essential for juvenile survival on fat-free diet and determines metabolic health. <i>FASEB Journal</i> , 2019, 33, 13808-13824.	0.5	6
28	Spermidine overrides INSR (insulin receptor)-IGF1R (insulin-like growth factor 1 receptor)-mediated inhibition of autophagy in the aging heart. <i>Autophagy</i> , 2022, 18, 2500-2502.	9.1	6
29	Autophagy promotes longevity except in the presence of "leaky" mitochondria. <i>Cardiovascular Research</i> , 2019, 115, e118-e120.	3.8	5
30	Cardioprotection by spermidine does not depend on structural characteristics of the myocardial microcirculation in aged mice. <i>Experimental Gerontology</i> , 2019, 119, 82-88.	2.8	5
31	Heart failure with preserved ejection fraction: An age-related condition. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 167, 83-84.	1.9	4
32	Co-ordinated mitochondrial degradation by autophagy and heterophagy in cardiac homeostasis. <i>Cardiovascular Research</i> , 2021, 117, e1-e3.	3.8	3
33	Immunometabolism: a key target to improve microcirculation in ageing. <i>Cardiovascular Research</i> , 2020, 116, e48-e50.	3.8	2
34	Metabolic therapy for managing heart failure with preserved ejection fraction. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 168, 68-69.	1.9	2
35	Exercise-induced sudden cardiac death is caused by mitochondrio-nuclear translocation of AIF. <i>Cell Death and Disease</i> , 2021, 12, 383.	6.3	0
36	Scientists on the Spot: A fraction of wisdom on heart failure. <i>Cardiovascular Research</i> , 2021, 117, e114-e115.	3.8	0

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37	Effects of physiologic inputs on autophagy. , 2022, , 81-95.		0
38	Scientists on the Spot: from the Scientists of Tomorrow to the scientist of today. Cardiovascular Research, 2020, 116, e184-e185.	3.8	0