

Mahmoud Abdellatif

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,362
citations

516681

16
h-index

361001

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 /Overlock 10 Tf 50,742 1,430	9.1	10
2	Cardioprotection and lifespan extension by the natural polyamine spermidine. <i>Nature Medicine</i> , 2016, 22, 1428-1438.	30.7	801
3	Cold-Induced Thermogenesis Depends on ATGL-Mediated Lipolysis in Cardiac Muscle, but Not Brown Adipose Tissue. <i>Cell Metabolism</i> , 2017, 26, 753-763.e7.	16.2	242
4	Autophagy in Cardiovascular Aging. <i>Circulation Research</i> , 2018, 123, 803-824.	4.5	171
5	Nicotinamide for the treatment of heart failure with preserved ejection fraction. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	109
6	The flavonoid 4,4'-dimethoxychalcone promotes autophagy-dependent longevity across species. <i>Nature Communications</i> , 2019, 10, 651.	12.8	100
7	NAD ⁺ Metabolism in Cardiac Health, Aging, and Disease. <i>Circulation</i> , 2021, 144, 1795-1817.	1.6	64
8	Dietary spermidine for lowering high blood pressure. <i>Autophagy</i> , 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. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1556-H1563.	3.2	40
10	Autophagy in cardiovascular health and disease. <i>Progress in Molecular Biology and Translational Science</i> , 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. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1648-H1654.	3.2	33
12	CaMKII β Drives Early Adaptive Ca ²⁺ Change and Late Eccentric Cardiac Hypertrophy. <i>Circulation Research</i> , 2020, 127, 1159-1178.	4.5	31
13	Fine-Tuning Cardiac Insulin-Like Growth Factor 1 Receptor Signaling to Promote Health and Longevity. <i>Circulation</i> , 2022, 145, 1853-1866.	1.6	29
14	Targeting the Mitochondria-Proteostasis Axis to Delay Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 656201.	3.7	23
15	Small molecule STING inhibition improves myocardial infarction remodeling. <i>Life Sciences</i> , 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. <i>Cardiovascular Research</i> , 2022, 118, 1492-1505.	3.8	18
17	Right ventricular end-diastolic stiffness heralds right ventricular failure in monocrotaline-induced pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1004-H1013.	3.2	17
18	The HSP40 chaperone Ydj1 drives amyloid beta 42 toxicity. <i>EMBO Molecular Medicine</i> , 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