

M Ruhul Abid

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

731
citations

471509

17
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

1105
citing authors

#	ARTICLE	IF	CITATIONS
1	Subcellular Reactive Oxygen Species (ROS) in Cardiovascular Pathophysiology. <i>Antioxidants</i> , 2018, 7, 14.	5.1	84
2	The Relationship Between Reactive Oxygen Species and Endothelial Cell Metabolism. <i>Frontiers in Chemistry</i> , 2020, 8, 592688.	3.6	55
3	Extracellular Vesicle Injection Improves Myocardial Function and Increases Angiogenesis in a Swine Model of Chronic Ischemia. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	51
4	Mitochondrial redox plays a critical role in the paradoxical effects of NADPH oxidase-derived ROS on coronary endothelium. <i>Cardiovascular Research</i> , 2017, 113, 234-246.	3.8	50
5	G Protein-Coupled Receptor Ca ²⁺ -Linked Mitochondrial Reactive Oxygen Species Are Essential for Endothelial/Leukocyte Adherence. <i>Molecular and Cellular Biology</i> , 2007, 27, 7582-7593.	2.3	45
6	Genetic Alterations in Oxidant and Anti-Oxidant Enzymes in the Vascular System. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 107.	2.4	32
7	Direct Sensing of Endothelial Oxidants by Vascular Endothelial Growth Factor Receptor-2 and c-Src. <i>PLoS ONE</i> , 2011, 6, e28454.	2.5	30
8	Endothelial ROS and Impaired Myocardial Oxygen Consumption in Sepsis-induced Cardiac Dysfunction. <i>Journal of Intensive and Critical Care</i> , 2016, 02, .	0.2	29
9	Extracellular Vesicles Promote Arteriogenesis in Chronically Ischemic Myocardium in the Setting of Metabolic Syndrome. <i>Journal of the American Heart Association</i> , 2019, 8, e012617.	3.7	27
10	Murine Left Anterior Descending (LAD) Coronary Artery Ligation: An Improved and Simplified Model for Myocardial Infarction. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	26
11	Calpain inhibition decreases myocardial apoptosis in a swine model of chronic myocardial ischemia. <i>Surgery</i> , 2015, 158, 445-452.	1.9	25
12	Calpains and Coronary Vascular Disease. <i>Circulation Journal</i> , 2016, 80, 4-10.	1.6	25
13	Mechanisms and clinical implications of endothelium-dependent vasomotor dysfunction in coronary microvasculature. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H819-H841.	3.2	25
14	Role of Calpain in Pathogenesis of Human Disease Processes. <i>Journal of Nature and Science</i> , 2016, 2, .	1.1	24
15	<i>Lactobacillus plantarum</i> probiotic induces Nrf2-mediated antioxidant signaling and eNOS expression resulting in improvement of myocardial diastolic function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H839-H849.	3.2	22
16	Calpain inhibition improves collateral-dependent perfusion in a hypercholesterolemic swine model of chronic myocardial ischemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 245-252.	0.8	21
17	Mass spectrometry-based proteomic platforms for better understanding of SARS-CoV-2 induced pathogenesis and potential diagnostic approaches. <i>Proteomics</i> , 2021, 21, e2000279.	2.2	19
18	Clinical Application of Novel Therapies for Coronary Angiogenesis: Overview, Challenges, and Prospects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3722.	4.1	18

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19	Mesenchymal stem cell-derived extracellular vesicles in the failing heart: past, present, and future. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1999-H2010.	3.2	18
20	Effects of High Fat Versus Normal Diet on Extracellular Vesicle-Induced Angiogenesis in a Swine Model of Chronic Myocardial Ischemia. <i>Journal of the American Heart Association</i> , 2021, 10, e017437.	3.7	17
21	Calpain inhibition modulates glycogen synthase kinase 3 β pathways in ischemic myocardium: A proteomic and mechanistic analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 342-357.	0.8	15
22	Intravenous injection of extracellular vesicles to treat chronic myocardial ischemia. <i>PLoS ONE</i> , 2020, 15, e0238879.	2.5	12
23	Calpain inhibition decreases myocardial fibrosis in chronically ischemic hypercholesterolemic swine. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e11-e27.	0.8	10
24	Extracellular vesicles improve diastolic function and substructure in normal and high-fat diet models of chronic myocardial ischemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, e371-e384.	0.8	10
25	Delivery of a mitochondria-targeted antioxidant from biocompatible, polymeric nanofibrous scaffolds. <i>FEBS Open Bio</i> , 2021, 11, 35-47.	2.3	8
26	Antioxidant Therapy: Is it your Gateway to Improved Cardiovascular Health?. <i>Pharmaceutica Acta</i> , 2014, 06, .	0.2	6
27	A disease burden analysis of garment factory workers in Bangladesh: proposal for annual health screening. <i>International Health</i> , 2019, 11, 42-51.	2.0	6
28	Optimization of mito-roGFP protocol to measure mitochondrial oxidative status in human coronary artery endothelial cells. <i>STAR Protocols</i> , 2021, 2, 100753.	1.2	6
29	Assessments of microvascular function in organ systems. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H891-H905.	3.2	6
30	Novel Features of the Functional Site and Expression of the Yeast Deoxyhypusine Synthase. <i>NeuroSignals</i> , 1997, 6, 157-165.	0.9	3
31	Continuous Glucose Monitoring in the Cardiac ICU: Current Use and Future Directions. <i>Clinical Medicine Research</i> , 2017, 6, 173-176.	0.1	3
32	Pequi Fruit Extract Increases Antioxidant Enzymes and Reduces Oxidants in Human Coronary Artery Endothelial Cells. <i>Antioxidants</i> , 2022, 11, 474.	5.1	3