

# 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  | 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        |
| 2  | 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        |
| 3  | Pequi Fruit Extract Increases Antioxidant Enzymes and Reduces Oxidants in Human Coronary Artery Endothelial Cells. <i>Antioxidants</i> , 2022, 11, 474.  | 5.1 | 3         |
| 4  | 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        |
| 5  | Assessments of microvascular function in organ systems. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H891-H905.   | 3.2 | 6         |
| 6  | Delivery of a mitochondria-targeted antioxidant from biocompatible, polymeric nanofibrous scaffolds. <i>FEBS Open Bio</i> , 2021, 11, 35-47.   | 2.3 | 8         |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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         |
| 12 | <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        |
| 13 | Intravenous injection of extracellular vesicles to treat chronic myocardial ischemia. <i>PLoS ONE</i> , 2020, 15, e0238879.  | 2.5 | 12        |
| 14 | The Relationship Between Reactive Oxygen Species and Endothelial Cell Metabolism. <i>Frontiers in Chemistry</i> , 2020, 8, 592688.   | 3.6 | 55        |
| 15 | 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        |
| 16 | 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         |
| 17 | Subcellular Reactive Oxygen Species (ROS) in Cardiovascular Pathophysiology. <i>Antioxidants</i> , 2018, 7, 14.  | 5.1 | 84        |
| 18 | Genetic Alterations in Oxidant and Anti-Oxidant Enzymes in the Vascular System. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 107.  | 2.4 | 32        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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        |
| 22 | Calpain inhibition modulates glycogen synthase kinase 3 $\beta$ pathways in ischemic myocardium: A proteomic and mechanistic analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 342-357. | 0.8 | 15        |
| 23 | Continuous Glucose Monitoring in the Cardiac ICU: Current Use and Future Directions. <i>Clinical Medicine Research</i> , 2017, 6, 173-176.   | 0.1 | 3         |
| 24 | 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        |
| 25 | Calpains and Coronary Vascular Disease. <i>Circulation Journal</i> , 2016, 80, 4-10.   | 1.6 | 25        |
| 26 | 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        |
| 27 | Role of Calpain in Pathogenesis of Human Disease Processes. <i>Journal of Nature and Science</i> , 2016, 2, .  | 1.1 | 24        |
| 28 | Calpain inhibition decreases myocardial apoptosis in a swine model of chronic myocardial ischemia. <i>Surgery</i> , 2015, 158, 445-452.  | 1.9 | 25        |
| 29 | Antioxidant Therapy: Is it your Gateway to Improved Cardiovascular Health?. <i>Pharmaceutica Analytica Acta</i> , 2014, 06, .  | 0.2 | 6         |
| 30 | 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        |
| 31 | G Protein-Coupled Receptor Ca <sup>2+</sup> -Linked Mitochondrial Reactive Oxygen Species Are Essential for Endothelial/Leukocyte Adherence. <i>Molecular and Cellular Biology</i> , 2007, 27, 7582-7593.          | 2.3 | 45        |
| 32 | Novel Features of the Functional Site and Expression of the Yeast Deoxyhypusine Synthase. <i>NeuroSignals</i> , 1997, 6, 157-165.  | 0.9 | 3         |