

Rongxue Wu

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,976
citations

393982

19
h-index

454577

30
g-index

54
all docs

54
docs citations

54
times ranked

3446
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Cardiotoxicity of doxorubicin is mediated through mitochondrial iron accumulation. <i>Journal of Clinical Investigation</i> , 2014, 124, 617-630. | 3.9 | 659 |
| 2 | Vascular endothelial dysfunction, a major mediator in diabetic cardiomyopathy. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1-8. | 2.8 | 174 |
| 3 | Disruption of ATP-binding cassette B8 in mice leads to cardiomyopathy through a decrease in mitochondrial iron export. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4152-4157. | 3.3 | 124 |
| 4 | Pathophysiological communication between hepatocytes and non-parenchymal cells in liver injury from NAFLD to liver fibrosis. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113869. | 6.6 | 111 |
| 5 | Reduction in mitochondrial iron alleviates cardiac damage during injury. <i>EMBO Molecular Medicine</i> , 2016, 8, 247-267. | 3.3 | 110 |
| 6 | Conditional Neuronal Nitric Oxide Synthase Overexpression Impairs Myocardial Contractility. <i>Circulation Research</i> , 2007, 100, e32-44. | 2.0 | 90 |
| 7 | Reduction in Hexokinase II Levels Results in Decreased Cardiac Function and Altered Remodeling After Ischemia/Reperfusion Injury. <i>Circulation Research</i> , 2011, 108, 60-69. | 2.0 | 79 |
| 8 | Disruption of Hexokinase II Mitochondrial Binding Blocks Ischemic Preconditioning and Causes Rapid Cardiac Necrosis. <i>Circulation Research</i> , 2011, 108, 1165-1169. | 2.0 | 73 |
| 9 | Hexokinase II knockdown results in exaggerated cardiac hypertrophy via increased ROS production. <i>EMBO Molecular Medicine</i> , 2012, 4, 633-646. | 3.3 | 73 |
| 10 | Inhibition of Nuclear Import of Calcineurin Prevents Myocardial Hypertrophy. <i>Circulation Research</i> , 2006, 99, 626-635. | 2.0 | 59 |
| 11 | Regulation and Cytoprotective Role of Hexokinase III. <i>PLoS ONE</i> , 2010, 5, e13823. | 1.1 | 53 |
| 12 | ATP-Binding Cassette B10 Regulates Early Steps of Heme Synthesis. <i>Circulation Research</i> , 2013, 113, 279-287. | 2.0 | 50 |
| 13 | Increased Heme Levels in the Heart Lead to Exacerbated Ischemic Injury. <i>Journal of the American Heart Association</i> , 2015, 4, e002272. | 1.6 | 45 |
| 14 | Efficacy of thymosin alpha-1 and interferon alpha in treatment of chronic viral hepatitis B: A randomized controlled study. <i>World Journal of Gastroenterology</i> , 2006, 12, 6715. | 1.4 | 45 |
| 15 | Cardiac-specific ablation of ARNT leads to lipotoxicity and cardiomyopathy. <i>Journal of Clinical Investigation</i> , 2014, 124, 4795-4806. | 3.9 | 32 |
| 16 | Fibroblast migration after myocardial infarction is regulated by transient SPARC expression. <i>Journal of Molecular Medicine</i> , 2006, 84, 241-252. | 1.7 | 30 |
| 17 | When less is more: novel mechanisms of iron conservation. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 569-577. | 3.1 | 25 |
| 18 | Targeting of β 1 integrins interferes with FAK activation and smooth muscle cell migration and invasion. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 404-412. | 1.0 | 24 |

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|----|--|-----|-----------|
| 19 | MicroRNA-210 Decreases heme Levels by Targeting Ferrochelatase in Cardiomyocytes. <i>Journal of the American Heart Association</i> , 2013, 2, e000121. | 1.6 | 24 |
| 20 | Increase in Blood-Brain Barrier (BBB) Permeability Is Regulated by MMP3 via the ERK Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14. | 1.9 | 19 |
| 21 | Snf1-related kinase improves cardiac mitochondrial efficiency and decreases mitochondrial uncoupling. <i>Nature Communications</i> , 2017, 8, 14095. | 5.8 | 18 |
| 22 | Hypoxia-Inducible Factor Regulates Endothelial Metabolism in Cardiovascular Disease. <i>Frontiers in Physiology</i> , 2021, 12, 670653. | 1.3 | 16 |
| 23 | A Randomized, Controlled, Clinical Study of Thymosin Alpha-1 Versus Interferon-Alpha in Chinese Patients with Chronic Hepatitis B Lacking Hepatitis B Envelope Antigen. <i>Journal of the Chinese Medical Association</i> , 2005, 68, 65-72. | 0.6 | 11 |
| 24 | Increase in Blood-Brain Barrier Permeability is Modulated by Tissue Kallikrein via Activation of Bradykinin B1 and B2 Receptor-Mediated Signaling. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 4283-4297. | 1.6 | 8 |
| 25 | Medroxyprogesterone Acetate Aggravates Oxidative Stress and Left Ventricular Dysfunction in Rats with Chronic Myocardial Infarction. <i>Toxicologic Pathology</i> , 2011, 39, 867-878. | 0.9 | 6 |
| 26 | Tissue Kallikrein Exacerbating Sepsis-Induced Endothelial Hyperpermeability is Highly Predictive of Severity and Mortality in Sepsis. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3321-3333. | 1.6 | 5 |
| 27 | Endothelial Aryl Hydrocarbon Receptor Nuclear Translocator Mediates the Angiogenic Response to Peripheral Ischemia in Mice With Type 2 Diabetes Mellitus. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 691801. | 1.8 | 4 |
| 28 | Regenerating Damaged Myocardium: A Review of Stem-Cell Therapies for Heart Failure. <i>Cells</i> , 2021, 10, 3125. | 1.8 | 4 |
| 29 | Possible role for HIF-1 α /ARNT in the regulation of vascular function in diabetes and cardiovascular disease. , 2017, 01, . | | 1 |
| 30 | Decreased Tissue Kallikrein Levels and the Risk of Ischemic Stroke: A Community-Based Cross-Sectional Study in China. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 117-126. | 1.6 | 1 |
| 31 | Inhibition of nuclear import of calcineurin prevents myocardial hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 941-942. | 0.9 | 0 |
| 32 | Abstract P214: Reduction of Hexokinase II Exaggerated Cardiac Hypertrophy via Increased ROS Production and Mitochondrial Permeability Transition. <i>Circulation Research</i> , 2011, 109, . | 2.0 | 0 |
| 33 | Abstract 11: Transgenic Overexpression of Snf1-Related Kinase in the Heart Improves Cardiac Metabolic Efficiency and Response to Myocardial Ischemia. <i>Circulation Research</i> , 2012, 111, . | 2.0 | 0 |
| 34 | Abstract 161: ABCB10 Plays a Role in Heme Synthesis and Mitochondrial δ -Aminolevulinic Acid Export. <i>Circulation Research</i> , 2012, 111, . | 2.0 | 0 |
| 35 | Abstract 98: Reducing Mitochondrial, But Not Cytosolic Iron, Protects The Heart Against Ischemia-reperfusion Injury. <i>Circulation Research</i> , 2014, 115, . | 2.0 | 0 |
| 36 | Abstract 14048: Snf1-related Kinase Improves Cardiac Metabolic Efficiency through a Decrease in Mitochondrial Uncoupling. <i>Circulation</i> , 2014, 130, . | 1.6 | 0 |

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|----|---|-----|-----------|
| 37 | Abstract 12282: A Decrease in Mitochondrial, but Not Cytosolic, Iron Protects Against Cardiac Ischemia-Reperfusion Damage Through a Reduction in ROS. <i>Circulation</i> , 2014, 130, . | 1.6 | 0 |
| 38 | Abstract 15414: Ablation of Aryl Hydrocarbon Nuclear Translocator (ARNT) in the Heart Leads to Diabetic Cardiomyopathy Phenotype Through PPAR α Activity. <i>Circulation</i> , 2014, 130, . | 1.6 | 0 |
| 39 | Abstract 15687: Loss of Tribbles 3 (TRIB3) Attenuates Pressure-Overload Induced Myocardial Hypertrophy. <i>Circulation</i> , 2014, 130, . | 1.6 | 0 |
| 40 | Abstract 115: A Decrease in Mitochondrial, but Not Cytosolic, Iron Protects Against Cardiac Ischemia-reperfusion Damage Through a Reduction in Ros. <i>Circulation Research</i> , 2015, 117, . | 2.0 | 0 |
| 41 | Abstract 15796: Increased Cardiac Heme Levels Through Cardiac Overexpression of Delta-aminolevulinic Acid Synthase 2 (ALAS2) Lead to Exacerbated Ischemic Injury. <i>Circulation</i> , 2015, 132, . | 1.6 | 0 |
| 42 | Abstract 15100: A Decrease in Mitochondrial, but Not Cytosolic, Iron Protects Against Cardiac Ischemia-Reperfusion Damage Through a Reduction in ROS. <i>Circulation</i> , 2015, 132, . | 1.6 | 0 |
| 43 | Abstract 63: Reduction in Glucocorticoid Receptor Expression Attenuates Pressure Overload-induced Cardiac Hypertrophy and Promotes Heart Failure in Mice. <i>Circulation Research</i> , 2016, 119, . | 2.0 | 0 |
| 44 | Abstract 392: Decreased ARNT Mediates Cardiovascular Endothelial Dysfunction in Diabetic Cardiomyopathy. <i>Circulation Research</i> , 2016, 119, . | 2.0 | 0 |
| 45 | Abstract 45: Endothelial Aryl Hydrocarbon Receptor Nucleatranslator (Arnt) is a Novel Regulator of Cardiac Endothelial Barrier Integrity in Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, . | 1.1 | 0 |
| 46 | Abstract 101: Endothelial Arnt Regulates Microvascular Endothelial Barrier Function in Heart Failure Through a Novel Mmp3 Pathway. <i>Circulation Research</i> , 2018, 123, . | 2.0 | 0 |
| 47 | Abstract 17332: Endothelial-Specific Deletion of Aryl Hydrocarbon Receptor Nuclear Translocator (ARNT) Leads to Microvascular Barrier Dysfunction and Cardiomyopathy. <i>Circulation</i> , 2018, 138, . | 1.6 | 0 |
| 48 | Abstract 525: Adult Inducible Deletion of Endothelial Hypoxia-inducible Factor-2 α Exaggerates Myocardial Infarction Induced Heart Failure and Cardiac Microvascular Barrier Dysfunction. <i>Circulation Research</i> , 2020, 127, . | 2.0 | 0 |
| 49 | Abstract 544: Increase in Isoflurane-mediated Blood-brain-barrier (bbb) Permeability is Regulated by Mmp3 via the Erk Signal Pathway. <i>Circulation Research</i> , 2020, 127, . | 2.0 | 0 |
| 50 | Abstract 552: Bradykinin Receptor B1/ Matrix Metalloprotease 3 Pathway is a Novel Target in Preventing Cardiac Ischemia-reperfusion Injury. <i>Circulation Research</i> , 2020, 127, . | 2.0 | 0 |
| 51 | Abstract MP250: Reduction In Endothelial Aryl Hydrocarbon Receptor Nuclear Translocator (arnt) Mediates Vascular Dysfunction In Mice With Type 2 Diabetes Mellitus. <i>Circulation Research</i> , 2021, 129, . | 2.0 | 0 |
| 52 | Abstract 306: Endothelial Arnt Mediates Cardiac Remodeling After Ischemia Reperfusion Injury Through an MMP Pathway. <i>Circulation Research</i> , 2017, 121, . | 2.0 | 0 |