Wangde Dai

List of Publications by Year
in descending order

52 papers	2,021 citations	361045 20 h-index	233125 45 g-index
52 all docs	52 docs citations	52 times ranked	2743 citing authors

#	Article	IF	Citations
1	Allogeneic Mesenchymal Stem Cell Transplantation in Postinfarcted Rat Myocardium. Circulation, 2005, 112, 214-223.	1.6	534
2	Thickening of the Infarcted Wall by Collagen Injection Improves Left Ventricular Function in Rats. Journal of the American College of Cardiology, 2005, 46, 714-719.	1.2	252
3	Survival and maturation of human embryonic stem cell-derived cardiomyocytes in rat hearts. Journal of Molecular and Cellular Cardiology, 2007, 43, 504-516.	0.9	153
4	Reduction of Ischemia/Reperfusion Injury With Bendavia, a Mitochondriaâ€Targeting Cytoprotective Peptide. Journal of the American Heart Association, 2012, 1, e001644.	1.6	130
5	Delivering stem cells to the heart in a collagen matrix reduces relocation of cells to other organs as assessed by nanoparticle technology. Regenerative Medicine, 2009, 4, 387-395.	0.8	84
6	Role of a paracrine action of mesenchymal stem cells in the improvement of left ventricular function after coronary artery occlusion in rats. Regenerative Medicine, 2007, 2, 63-68.	0.8	82
7	Functional and Histological Assessment of an Experimental Model of Takotsubo's Cardiomyopathy. Journal of the American Heart Association, 2014, 3, e000921.	1.6	66
8	Transplantation of neonatal cardiomyocytes after permanent coronary artery occlusion increases regional blood flow of infarcted myocardium. Journal of Molecular and Cellular Cardiology, 2003, 35, 607-613.	0.9	64
9	New and revisited approaches to preserving the reperfused myocardium. Nature Reviews Cardiology, 2017, 14, 679-693.	6.1	56
10	Mesenchymal stem cell administration at coronary artery reperfusion in the rat by two delivery routes: A quantitative assessment. Life Sciences, 2008, 83, 511-515.	2.0	51
11	Bendavia restores mitochondrial energy metabolism gene expression and suppresses cardiac fibrosis in the border zone of the infarcted heart. Life Sciences, 2015, 141, 170-178.	2.0	50
12	Therapeutic Hypothermia Reduces the Inflammatory Response Following Ischemia/Reperfusion Injury in Rat Hearts. Therapeutic Hypothermia and Temperature Management, 2017, 7, 162-170.	0.3	34
13	Rapid Induction of Hypothermia by the ThermoSuit System Profoundly Reduces Infarct Size and Anatomic Zone of No Reflow Following Ischemiaâ€“Reperfusion in Rabbit and Rat Hearts. Journal of Cardiovascular Pharmacology and Therapeutics, 2015, 20, 193-202.	1.0	29
14	Eâ€cigarette or Vaping Product Useâ€“Associated Lung Injury Produced in an Animal Model From Electronic Cigarette Vapor Exposure Without Tetrahydrocannabinol or Vitamin E Oil. Journal of the American Heart Association, 2020, 9, e017368.	1.6	29
15	Stem cell transplantation for the treatment of myocardial infarction. Transplant Immunology, 2005, 15, 91-97.	0.6	28
16	Delayed therapeutic hypothermia protects against the myocardial no-reflow phenomenon independently of myocardial infarct size in a rat ischemia/reperfusion model. International Journal of Cardiology, 2017, 236, 400-404.	0.8	28
17	Implantation of Immature Neonatal Cardiac Cells Into the Wall of the Aorta in Rats. Circulation, 2004, 110, 324-329.	1.6	21
18	Rapid Surface Cooling by ThermoSuit System Dramatically Reduces Scar Size, Prevents Postâ€Infarction Adverse Left Ventricular Remodeling, and Improves Cardiac Function in Rats. Journal of the American Heart Association, 2015, 4, .	1.6	21

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19	Intramyocardial Injection of Heart Tissue-Derived Extracellular Matrix Improves Postinfarction Cardiac Function in Rats. Journal of Cardiovascular Pharmacology and Therapeutics, 2013, 18, 270-279.	1.0	20
20	Combined Remote Perconditioning and Postconditioning Failed to Attenuate Infarct Size and Contractile Dysfunction in a Rat Model of Coronary Artery Occlusion. Journal of Cardiovascular Pharmacology and Therapeutics, 2014, 19, 567-573.	1.0	20
21	Cardioprotective Effects of Mitochondria-Targeted Peptide SBT-20 in two Different Models of Rat Ischemia/Reperfusion. Cardiovascular Drugs and Therapy, 2016, 30, 559-566.	1.3	19
22	Cardioprotection: Where to from here?. Cardiovascular Drugs and Therapy, 2017, 31, 53-61.	1.3	19
23	Cardioprotection of Insulin-Like Growth Factor-1 During Reperfusion Therapy. Circulation: Cardiovascular Interventions, 2011, 4, 311-313.	1.4	18
24	Myocardial regeneration by embryonic stem cell transplantation: present and future trends. Expert Review of Cardiovascular Therapy, 2006, 4, 375-383.	0.6	17
25	Remote Ischemic Conditioning in Acute Myocardial Infarction and Shock States. Journal of Cardiovascular Pharmacology and Therapeutics, 2020, 25, 103-109.	1.0	17
26	Bone Marrow-Derived Cell Transplantation Therapy for Myocardial Infarction: Lessons Learned and Future Questions. American Journal of Transplantation, 2011, 11, 2297-2301.	2.6	16
27	Approaches to Improving Cardiac Structure and Function During and After an Acute Myocardial Infarction. Journal of Cardiovascular Pharmacology and Therapeutics, 2016, 21, 363-367.	1.0	16
28	Potential Role of Renin-Angiotensin System Blockade for Preventing Myocardial Ischemia/Reperfusion Injury and Remodeling after Myocardial Infarction. Postgraduate Medicine, 2011, 123, 49-55.	0.9	14
29	Relationship Between Cyclooxygenase-2 Inhibition and Thrombogenesis. Journal of Cardiovascular Pharmacology and Therapeutics, 2004, 9, 51-59.	1.0	13
30	Cardioprotective Effects of Angiotensin II Type 1 Receptor Blockade with Olmesartan on Reperfusion Injury in a Rat Myocardial Ischemiaâ€Reperfusion Model. Cardiovascular Therapeutics, 2010, 28, 30-37.	1.1	12
31	Effects of Acetaminophen on Myocardial Infarct Size in Rats. Journal of Cardiovascular Pharmacology and Therapeutics, 2003, 8, 277-284.	1.0	11
32	First millimeter-wave animal in vivo measurements of L-Glucose and D-Glucose: Further steps towards a non-invasive glucometer. , 2016, , .		11
33	Experience from Experimental Cell Transplantation Therapy of Myocardial Infarction: What have we Learned?. Cell Transplantation, 2013, 22, 563-568.	1.2	10
34	ATL 313, A Selective A2A Adenosine Receptor Agonist, Reduces Myocardial Infarct Size in a Rat Ischemia/Reperfusion Model. Open Cardiovascular Medicine Journal, 2009, 3, 166-172.	0.6	9
35	The Therapeutic Effect of Cell Transplantation Versus Noncellular Biomaterial Implantation on Cardiac Structure and Function Following Myocardial Infarction. Journal of Cardiovascular Pharmacology and Therapeutics, 2014, 19, 350-357.	1.0	8
36	No-Reflow Phenomenon. A New Target for Therapy of Acute Myocardial Infarction Independent of Myocardial Infarct Size. Journal of Cardiovascular Pharmacology and Therapeutics, 2018, 23, 273-276.	1.0	8

#	Article	IF	Citations
37	Cardiac cells implanted within the outer aortic wall of rats generate measurable contractile force. Regenerative Medicine, 2006, 1, 119-124.	0.8	6
38	Effects of OP2113 on Myocardial Infarct Size and No Reflow in a Rat Myocardial Ischemia/Reperfusion Model. Cardiovascular Drugs and Therapy, 2022, 36, 217-227.	1.3	6
39	Scalability of cardiovascular intrinsic frequencies: Validations in preclinical models and non-invasive clinical studies. Life Sciences, 2021, 284, 119880.	2.0	6
40	New therapies for reducing post-myocardial left ventricular remodeling. Annals of Translational Medicine, 2015, 3, 20.	0.7	6
41	Therapeutic Hypothermia Improves Long-Term Survival and Blunts Inflammation in Rats During Resuscitation of Hemorrhagic Shock. Therapeutic Hypothermia and Temperature Management, 2020, 10, 237-243.	0.3	5
42	Experimental Cell Transplantation Therapy in Rat Myocardial Infarction Model Including Nude Rat Preparation. Methods in Molecular Biology, 2010, 660, 99-109.	0.4	4
43	Rebuilding the infarcted heart with noncellular material. Regenerative Medicine, 2015, 10, 683-685.	0.8	4
44	Improved Long-term Survival with Remote Limb Ischemic Preconditioning in a Rat Fixed-Pressure Hemorrhagic Shock Model. Cardiovascular Drugs and Therapy, 2019, 33, 139-147.	1.3	4
45	Gabrb3 endothelial cell-specific knockout mice display abnormal blood flow, hypertension, and behavioral dysfunction. Scientific Reports, 2022, 12, 4922.	1.6	4
46	Acute administration of nicotine induces transient elevation of blood pressure and increases myocardial infarct size in rats. Heliyon, 2020, 6, e05450.	1.4	3
47	Myocardial hypothermia induced after reperfusion does not prevent adverse left ventricular remodeling nor improve cardiac function. Life Sciences, 2019, 229, 98-103.	2.0	1
48	Different Effects of Volatile and Nonvolatile Anesthetic Agents on Long-Term Survival in an Experimental Model of Hemorrhagic Shock. Journal of Cardiovascular Pharmacology and Therapeutics, 2020, 25, 346-353.	1.0	1
49	Effects of Chronic Electronic Cigarette Vapor Exposure and Standard Cigarette Smoke on Myocardial Infarction and Noâ€reflow in a Rat Model. FASEB Journal, 2021, 35, .	0.2	1
50	Potential for stem cell-derived biologic pumps for cardiovascular and other medical therapies. Regenerative Medicine, 2019, 14, 617-619.	0.8	0
51	Bloodâ€based biomarkers as early predictor of mortality in experimental hemorrhagic shock. FASEB Journal, 2018, 32, 575.4.	0.2	0
52	Remote limb ischemic preconditioning improves postâ€resuscitation long term survival in a rat fixed pressure hemorrhagic shock model. FASEB Journal, 2018, 32, 575.3.	0.2	0