

Qing-Dong Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2188882/publications.pdf>

Version: 2024-02-01

65
papers

2,419
citations

218381

26
h-index

214527

47
g-index

68
all docs

68
docs citations

68
times ranked

2880
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the precision of genetic lineage tracing using dual recombinases. <i>Nature Medicine</i> , 2017, 23, 1488-1498.	15.2	188
2	Preexisting endothelial cells mediate cardiac neovascularization after injury. <i>Journal of Clinical Investigation</i> , 2017, 127, 2968-2981.	3.9	146
3	Pharmacological possibilities for protection against myocardial reperfusion injury. <i>Cardiovascular Research</i> , 2002, 55, 25-37.	1.8	144
4	Proliferation tracing reveals regional hepatocyte generation in liver homeostasis and repair. <i>Science</i> , 2021, 371, .	6.0	128
5	Genetic lineage tracing identifies in situ Kit-expressing cardiomyocytes. <i>Cell Research</i> , 2016, 26, 119-130.	5.7	122
6	Endothelin in myocardial ischaemia and reperfusion. <i>Cardiovascular Research</i> , 1997, 33, 518-526.	1.8	103
7	Impedance-Based Detection of Beating Rhythm and Proarrhythmic Effects of Compounds on Stem Cell-Derived Cardiomyocytes. <i>Assay and Drug Development Technologies</i> , 2011, 9, 589-599.	0.6	89
8	Long-term self-renewing human epicardial cells generated from pluripotent stem cells under defined xeno-free conditions. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	86
9	Insulin-Like Growth Factor 1 Receptor-Dependent Pathway Drives Epicardial Adipose Tissue Formation After Myocardial Injury. <i>Circulation</i> , 2017, 135, 59-72.	1.6	74
10	A suite of new Dre recombinase drivers markedly expands the ability to perform intersectional genetic targeting. <i>Cell Stem Cell</i> , 2021, 28, 1160-1176.e7.	5.2	74
11	Identification of a hybrid myocardial zone in the mammalian heart after birth. <i>Nature Communications</i> , 2017, 8, 87.	5.8	67
12	c-kit ⁺ cells adopt vascular endothelial but not epithelial cell fates during lung maintenance and repair. <i>Nature Medicine</i> , 2015, 21, 866-868.	15.2	63
13	The protective effect of L-arginine on myocardial injury and endothelial function following ischaemia and reperfusion in the pig. <i>European Heart Journal</i> , 1994, 15, 1712-1719.	1.0	55
14	Genetic Targeting of Organ-Specific Blood Vessels. <i>Circulation Research</i> , 2018, 123, 86-99.	2.0	46
15	L-Arginine Enhances Functional Recovery and Ca ²⁺ -Dependent Nitric Oxide Synthase Activity After Ischemia and Reperfusion in the Rat Heart. <i>Journal of Cardiovascular Pharmacology</i> , 1997, 29, 291-296.	0.8	46
16	Beneficial effects of the endothelin receptor antagonist bosentan on myocardial and endothelial injury following ischaemia/reperfusion in the rat. <i>European Journal of Pharmacology</i> , 1995, 283, 161-168.	1.7	45
17	Local overflow and enhanced tissue content of endothelin following myocardial ischaemia and reperfusion in the pig: modulation by L-arginine. <i>Cardiovascular Research</i> , 1995, 29, 44-49.	1.8	43
18	Reassessment of c-Kit ⁺ Cells for Cardiomyocyte Contribution in Adult Heart. <i>Circulation</i> , 2019, 140, 164-166.	1.6	40

#	ARTICLE	IF	CITATIONS
19	Role of L-arginine in preventing myocardial and endothelial injury following ischaemia/reperfusion in the rat isolated heart. <i>Acta Physiologica Scandinavica</i> , 1996, 156, 37-44.	2.3	39
20	Heart Regeneration: Opportunities and Challenges for Drug Discovery with Novel Chemical and Therapeutic Methods or Agents. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4056-4075.	7.2	36
21	Human Induced Pluripotent Stem Cell-Derived Cardiac Progenitor Cells in Phenotypic Screening: A Transforming Growth Factor- β Type 1 Receptor Kinase Inhibitor Induces Efficient Cardiac Differentiation. <i>Stem Cells Translational Medicine</i> , 2016, 5, 164-174.	1.6	33
22	Cell proliferation fate mapping reveals regional cardiomyocyte cell-cycle activity in subendocardial muscle of left ventricle. <i>Nature Communications</i> , 2021, 12, 5784.	5.8	33
23	Characterization of endothelin-1-induced vascular effects in the rat heart by using endothelin receptor antagonists. <i>European Journal of Pharmacology</i> , 1994, 271, 25-30.	1.7	32
24	Myocardial Release of Endothelin (ET) and Enhanced ETA Receptor-Mediated Coronary Vasoconstriction After Coronary Thrombosis and Thrombolysis in Pigs. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 26, 770-776.	0.8	32
25	The endothelin A receptor antagonist LU 135252 protects the myocardium from neutrophil injury during ischaemia/reperfusion. <i>Cardiovascular Research</i> , 1998, 39, 674-682.	1.8	32
26	Aligned nanofiber scaffolds improve functionality of cardiomyocytes differentiated from human induced pluripotent stem cell-derived cardiac progenitor cells. <i>Scientific Reports</i> , 2020, 10, 13575.	1.6	32
27	Genetic Tracing Identifies Early Segregation of the Cardiomyocyte and Nonmyocyte Lineages. <i>Circulation Research</i> , 2019, 125, 343-355.	2.0	29
28	Local overflow and enhanced tissue content of endothelin following myocardial ischaemia and reperfusion in the pig: modulation by L-arginine. <i>Cardiovascular Research</i> , 1995, 29, 44-9.	1.8	28
29	Calcium Antagonist Protects the Myocardium from Reperfusion Injury by Interfering with Mechanisms Directly Related to Reperfusion: An Experimental Study with the Ultrashort-Acting Calcium Antagonist Clevidipine. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, 338-343.	0.8	27
30	Contribution of endothelin to the coronary vasoconstriction in the isolated rat heart induced by nitric oxide synthase inhibition. <i>Acta Physiologica Scandinavica</i> , 1998, 163, 325-330.	2.3	26
31	Murine models for the study of congestive heart failure: Implications for understanding molecular mechanisms and for drug discovery. <i>Journal of Pharmacological and Toxicological Methods</i> , 2004, 50, 163-174.	0.3	26
32	Myocardial regeneration with stem cells: Pharmacological possibilities for efficacy enhancement. <i>Pharmacological Research</i> , 2006, 53, 331-340.	3.1	26
33	The role of the L-arginine/nitric oxide pathway in myocardial ischaemic and reperfusion injury. <i>Acta Physiologica Scandinavica</i> , 1999, 167, 151-159.	2.3	25
34	Time-dependent Cardioprotection With Calcium Antagonism and Experimental Studies With Clevidipine in Ischemic-reperfused Pig Hearts: Part II. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 40, 339-345.	0.8	25
35	Angiotensin II Type 1 Receptor Blockade with Candesartan Protects the Porcine Myocardium from Reperfusion-Induced Injury. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 32, 231-238.	0.8	25
36	Seamless Genetic Recording of Transiently Activated Mesenchymal Gene Expression in Endothelial Cells During Cardiac Fibrosis. <i>Circulation</i> , 2021, 144, 2004-2020.	1.6	25

#	ARTICLE	IF	CITATIONS
37	Phospholamban antisense oligonucleotides improve cardiac function in murine cardiomyopathy. <i>Nature Communications</i> , 2021, 12, 5180.	5.8	24
38	Relationship between ischaemic time and ischaemia/reperfusion injury in isolated Langendorff-perfused mouse hearts. <i>Acta Physiologica Scandinavica</i> , 2001, 171, 123-128.	2.3	23
39	Discovery of retinoic acid receptor agonists as proliferators of cardiac progenitor cells through a phenotypic screening approach. <i>Stem Cells Translational Medicine</i> , 2020, 9, 47-60.	1.6	21
40	Migratory and anti-fibrotic programmes define the regenerative potential of human cardiac progenitors. <i>Nature Cell Biology</i> , 2022, 24, 659-671.	4.6	21
41	The novel non-peptide selective endothelin A receptor antagonist LU 135252 protects against myocardial ischaemic and reperfusion injury in the pig. <i>Acta Physiologica Scandinavica</i> , 1998, 163, 131-137.	2.3	20
42	High-content phenotypic assay for proliferation of human iPSC-derived cardiomyocytes identifies L-type calcium channels as targets. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 127, 204-214.	0.9	20
43	The Angiotensin II AT1-Receptor Antagonist Candesartan Improves Functional Recovery and Reduces the No-Reflow Area in Reperfused Ischemic Rat Hearts. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 34, 78-81.	0.8	18
44	Phenotypic Screen for Cardiac Regeneration Identifies Molecules with Differential Activity in Human Epicardium-Derived Cells versus Cardiac Fibroblasts. <i>ACS Chemical Biology</i> , 2017, 12, 132-141.	1.6	17
45	Antithrombotic activity of inogatran, a new low-molecular-weight inhibitor of thrombin, in a closed-chest porcine model of coronary artery thrombosis. <i>Cardiovascular Research</i> , 1996, 32, 320-327.	1.8	16
46	Effects of the insurmountable angiotensin AT1 receptor antagonist candesartan and the surmountable antagonist losartan on ischemia/reperfusion injury in rat hearts. <i>European Journal of Pharmacology</i> , 1999, 380, 13-21.	1.7	15
47	Time-dependent Cardioprotection With Calcium Antagonism and Experimental Studies With Clevidipine in Ischemic-reperfused Pig Hearts: Part I. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 40, 228-234.	0.8	15
48	Cardiac inotropic vs. chronotropic selectivity of isradipine, nifedipine and clevidipine, a new ultrashort-acting dihydropyridine. <i>European Journal of Pharmacology</i> , 1999, 380, 123-128.	1.7	14
49	Protective effects of non-peptide endothelin receptor antagonist bosentan on myocardial ischaemic and reperfusion injury in the pig. <i>Cardiovascular Research</i> , 1995, 29, 805-12.	1.8	12
50	CRISPR-Knockout Screen Identifies Dmap1 as a Regulator of Chemically Induced Reprogramming and Differentiation of Cardiac Progenitors. <i>Stem Cells</i> , 2019, 37, 958-972.	1.4	11
51	The Lipid Peroxidation Inhibitor Indenoindole H290/51 Protects Myocardium at Risk of Injury Induced by Ischemia-Reperfusion. <i>Free Radical Biology and Medicine</i> , 1998, 24, 726-731.	1.3	10
52	The angiotensin II AT1 receptor antagonist candesartan at antihypertensive plasma concentrations reduces damage induced by ischemia-reperfusion. <i>Cardiovascular Drugs and Therapy</i> , 1999, 13, 347-354.	1.3	10
53	A genetic system for tissue-specific inhibition of cell proliferation. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	10
54	Cardiac-Specific Overexpression of Oxytocin Receptor Leads to Cardiomyopathy in Mice. <i>Journal of Cardiac Failure</i> , 2018, 24, 470-478.	0.7	8

#	ARTICLE	IF	CITATIONS
55	Discovery of N-(1-adamantyl)-2-(4-alkylpiperazin-1-yl)acetamide derivatives as T-type calcium channel (Cav3.2) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5557-5561.	1.0	7
56	Combination of a Calcium Antagonist, a Lipid-Peroxidation Inhibitor, and an Angiotensin AT1-Receptor Antagonist Provides Additive Myocardial Infarct Size-Limiting Effect in Pigs. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 34, 512-517.	0.8	7
57	Discovery of N-[[1-[2-(tert-butylcarbamoylamino)ethyl]-4-(hydroxymethyl)-4-piperidyl]methyl]-3,5-dichloro-benzamide as a selective T-type calcium channel (Cav3.2) inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 119-124.	1.0	5
58	Myocardioprotective effects of felodipine in an antihypertensive dosage: an experimental study in pigs. <i>Cardiovascular Drugs and Therapy</i> , 1998, 12, 37-45.	1.3	4
59	Coronary thrombosis/thrombolysis in pigs: effects of heparin, asa, and the thrombin inhibitor inogatran. <i>Journal of Pharmacological and Toxicological Methods</i> , 1998, 39, 81-89.	0.3	4
60	Inefficacy of a Highly Selective T-type Calcium Channel Blocker in Preventing Atrial Fibrillation Related Remodeling. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 531-536.	0.8	3
61	The nonpeptide endothelin receptor antagonist bosentan enhances myocardial recovery and endothelial function during reperfusion of the ischemic rat heart. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 26 Suppl 3, S445-7.	0.8	3
62	Phenotypic screen identifies FOXO inhibitor to counteract maturation and promote expansion of human iPS cell-derived cardiomyocytes. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 65, 116782.	1.4	3
63	Beneficial Effects of H290/51, a New Lipid Peroxidation Inhibitor, on Functional Recovery After Ischemia and Reperfusion in Isolated Cold-Arrested Rat Hearts. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 25, 924-929.	0.8	2
64	Coronary venous drug infusion in the ischaemic-reperfused isolated rat heart. <i>Cardiovascular Research</i> , 1996, 31, 82-92.	1.8	2
65	Comparative transcriptomic analysis identifies genes differentially expressed in human epicardial progenitors and hiPSC-derived cardiac progenitors. <i>Physiological Genomics</i> , 2016, 48, 771-784.	1.0	2