

Kunfu Ouyang

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

5,695
citations

136950

32
h-index

102487

66
g-index

68
all docs

68
docs citations

68
times ranked

9612
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Validation of a Ferroptosis-Related Signature for Predicting Prognosis and Immune Microenvironment in Papillary Renal Cell Carcinoma. <i>International Journal of General Medicine</i> , 2022, Volume 15, 2963-2977.	1.8	5
2	IP3R-mediated Ca ²⁺ signaling controls B cell proliferation through metabolic reprogramming. <i>IScience</i> , 2022, 25, 104209.	4.1	1
3	Atypical protein kinase C is essential for embryonic vascular development in mice. <i>Genesis</i> , 2021, 59, e23412.	1.6	2
4	HIMF deletion ameliorates acute myocardial ischemic injury by promoting macrophage transformation to reparative subtype. <i>Basic Research in Cardiology</i> , 2021, 116, 30.	5.9	24
5	Histone Lysine Methyltransferase SETD2 Regulates Coronary Vascular Development in Embryonic Mouse Hearts. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 651655.	3.7	8
6	Mitochondrial Chaperones and Proteases in Cardiomyocytes and Heart Failure. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 630332.	3.5	5
7	SETD2 is essential for terminal differentiation of erythroblasts during fetal erythropoiesis. <i>Biochemical and Biophysical Research Communications</i> , 2021, 552, 98-105.	2.1	1
8	PTPMT1 Is Required for Embryonic Cardiac Cardiolipin Biosynthesis to Regulate Mitochondrial Morphogenesis and Heart Development. <i>Circulation</i> , 2021, 144, 403-406.	1.6	12
9	Mediator complex proximal Tail subunit MED30 is critical for Mediator core stability and cardiomyocyte transcriptional network. <i>PLoS Genetics</i> , 2021, 17, e1009785.	3.5	4
10	Deficiency of Myeloid Pfkfb3 Protects Mice From Lung Edema and Cardiac Dysfunction in LPS-Induced Endotoxemia. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 745810.	2.4	9
11	Discovery of a highly efficient nitroaryl group for detection of nitroreductase and imaging of hypoxic tumor cells. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3469-3478.	2.8	10
12	Deletion of heat shock protein 60 in adult mouse cardiomyocytes perturbs mitochondrial protein homeostasis and causes heart failure. <i>Cell Death and Differentiation</i> , 2020, 27, 587-600.	11.2	64
13	Nexilin Is Necessary for Maintaining the Transverse-Axial Tubular System in Adult Cardiomyocytes. <i>Circulation: Heart Failure</i> , 2020, 13, e006935.	3.9	14
14	Epsin-mediated degradation of IP3R1 fuels atherosclerosis. <i>Nature Communications</i> , 2020, 11, 3984.	12.8	24
15	A PKB-SPEC signaling nexus links insulin resistance with diabetic cardiomyopathy by regulating calcium homeostasis. <i>Nature Communications</i> , 2020, 11, 2186.	12.8	31
16	Heat Shock Protein 60 in Cardiovascular Physiology and Diseases. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 73.	3.5	24
17	Inositol 1,4,5-trisphosphate receptors are essential for fetal-maternal connection and embryo viability. <i>PLoS Genetics</i> , 2020, 16, e1008739.	3.5	15
18	Homozygous G650del nexilin variant causes cardiomyopathy in mice. <i>JCI Insight</i> , 2020, 5, .	5.0	7

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19	Impairments in remote memory caused by the lack of Type 2 IP ₃ receptors. <i>Glia</i> , 2019, 67, 1976-1989.	4.9	41
20	Heat shock protein 60 regulates yolk sac erythropoiesis in mice. <i>Cell Death and Disease</i> , 2019, 10, 766.	6.3	16
21	Conditioned stimulus presentations alter anxiety level in fear-conditioned mice. <i>Molecular Brain</i> , 2019, 12, 28.	2.6	11
22	Nexilin Is a New Component of Junctional Membrane Complexes Required for Cardiac T-Tubule Formation. <i>Circulation</i> , 2019, 140, 55-66.	1.6	41
23	HIMF (Hypoxia-Induced Mitogenic Factor)-IL (Interleukin)-6 Signaling Mediates Cardiomyocyte-Fibroblast Crosstalk to Promote Cardiac Hypertrophy and Fibrosis. <i>Hypertension</i> , 2019, 73, 1058-1070.	2.7	104
24	Inositol 1,4,5-Trisphosphate Receptors in Endothelial Cells Play an Essential Role in Vasodilation and Blood Pressure Regulation. <i>Journal of the American Heart Association</i> , 2019, 8, e011704.	3.7	28
25	SPEG Controls Calcium Reuptake Into the Sarcoplasmic Reticulum Through Regulating SERCA2a by Its Second Kinase-Domain. <i>Circulation Research</i> , 2019, 124, 712-726.	4.5	43
26	Deletion of IP3R1 by <i>Pdgfrb</i> -Cre in mice results in intestinal pseudo-obstruction and lethality. <i>Journal of Gastroenterology</i> , 2019, 54, 407-418.	5.1	11
27	P209L mutation in <i>Bag3</i> does not cause cardiomyopathy in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H392-H399.	3.2	18
28	Deficiency of PRKD2 triggers hyperinsulinemia and metabolic disorders. <i>Nature Communications</i> , 2018, 9, 2015.	12.8	19
29	Cell-Surface Marker Signature for Enrichment of Ventricular Cardiomyocytes Derived from Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 828-841.	4.8	37
30	IP3R-mediated Ca ²⁺ signals govern hematopoietic and cardiac divergence of Flk1 ⁺ cells via the calcineurin-NFATc3-Etv2 pathway. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 274-288.	3.3	16
31	Loss of IP3 Receptor-Mediated Ca ²⁺ Release in Mouse B Cells Results in Abnormal B Cell Development and Function. <i>Journal of Immunology</i> , 2017, 199, 570-580.	0.8	30
32	Loss-of-function mutations in co-chaperone BAG3 destabilize small HSPs and cause cardiomyopathy. <i>Journal of Clinical Investigation</i> , 2017, 127, 3189-3200.	8.2	107
33	IP3 receptors regulate vascular smooth muscle contractility and hypertension. <i>JCI Insight</i> , 2016, 1, e89402.	5.0	52
34	Coupling switch of P2Y-IP3 receptors mediates differential Ca ²⁺ signaling in human embryonic stem cells and derived cardiovascular progenitor cells. <i>Purinergic Signalling</i> , 2016, 12, 465-478.	2.2	12
35	GW27-e0274 MicroRNA181a regulates Osteopontin expression and cardiac fibrosis in mice. <i>Journal of the American College of Cardiology</i> , 2016, 68, C11.	2.8	0
36	Adipocyte-specific loss of PPAR ³ attenuates cardiac hypertrophy. <i>JCI Insight</i> , 2016, 1, e89908.	5.0	65

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37	Repression of the Central Splicing Regulator RBFOX2 Is Functionally Linked to Pressure Overload-Induced Heart Failure. <i>Cell Reports</i> , 2015, 10, 1521-1533.	6.4	74
38	Brief Report: Oxidative Stress Mediates Cardiomyocyte Apoptosis in a Human Model of Danon Disease and Heart Failure. <i>Stem Cells</i> , 2015, 33, 2343-2350.	3.2	74
39	Cypher and Enigma Homolog Protein Are Essential for Cardiac Development and Embryonic Survival. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	15
40	Normalization of Naxos plakoglobin levels restores cardiac function in mice. <i>Journal of Clinical Investigation</i> , 2015, 125, 1708-1712.	8.2	39
41	Disruption of both nesprin 1 and desmin results in nuclear anchorage defects and fibrosis in skeletal muscle. <i>Human Molecular Genetics</i> , 2014, 23, 5879-5892.	2.9	52
42	Targeted Ablation of Nesprin 1 and Nesprin 2 from Murine Myocardium Results in Cardiomyopathy, Altered Nuclear Morphology and Inhibition of the Biomechanical Gene Response. <i>PLoS Genetics</i> , 2014, 10, e1004114.	3.5	120
43	Connexin defects underlie arrhythmogenic right ventricular cardiomyopathy in a novel mouse model. <i>Human Molecular Genetics</i> , 2014, 23, 1134-1150.	2.9	78
44	Loss of IP3R-dependent Ca ²⁺ signalling in thymocytes leads to aberrant development and acute lymphoblastic leukemia. <i>Nature Communications</i> , 2014, 5, 4814.	12.8	51
45	PLC β , PKD1, and SSH1L Transduce RhoA Signaling to Protect Mitochondria from Oxidative Stress in the Heart. <i>Science Signaling</i> , 2013, 6, ra108.	3.6	54
46	Direct Conversion of Fibroblasts to Neurons by Reprogramming PTB-Regulated MicroRNA Circuits. <i>Cell</i> , 2013, 152, 82-96.	28.9	508
47	In vivo cardiac reprogramming contributes to zebrafish heart regeneration. <i>Nature</i> , 2013, 498, 497-501.	27.8	229
48	No Contribution of IP ₃ -R(2) to Disease Phenotype in Models of Dilated Cardiomyopathy or Pressure Overload Hypertrophy. <i>Circulation: Heart Failure</i> , 2013, 6, 318-325.	3.9	17
49	Cypher/ZASP Is a Novel A-kinase Anchoring Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 29403-29413.	3.4	39
50	Inositol-1,4,5-trisphosphate receptor regulates hepatic gluconeogenesis in fasting and diabetes. <i>Nature</i> , 2012, 485, 128-132.	27.8	169
51	Mouse and computational models link Mlc2v dephosphorylation to altered myosin kinetics in early cardiac disease. <i>Journal of Clinical Investigation</i> , 2012, 122, 1209-1221.	8.2	131
52	Cardiac myocyte-specific deletion of Heat shock protein 10 results in mitochondrial dysfunction and mortality. <i>FASEB Journal</i> , 2012, 26, 888.9.	0.5	0
53	Conversion of mouse fibroblasts into cardiomyocytes using a direct reprogramming strategy. <i>Nature Cell Biology</i> , 2011, 13, 215-222.	10.3	587
54	Imaging superoxide flash and metabolism-coupled mitochondrial permeability transition in living animals. <i>Cell Research</i> , 2011, 21, 1295-1304.	12.0	110

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55	Selective deletion of long but not short Cypher isoforms leads to late-onset dilated cardiomyopathy. <i>Human Molecular Genetics</i> , 2011, 20, 1751-1762.	2.9	37
56	Type 1 IP3 receptors activate BKCa channels via local molecular coupling in arterial smooth muscle cells. <i>Journal of General Physiology</i> , 2010, 136, 283-291.	1.9	55
57	Loss of Enigma Homolog Protein Results in Dilated Cardiomyopathy. <i>Circulation Research</i> , 2010, 107, 348-356.	4.5	90
58	Flickering calcium microdomains signal turning of migrating cells This article is one of a selection of papers published in this special issue on Calcium Signaling.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2010, 88, 105-110.	1.4	27
59	Obscurin determines the architecture of the longitudinal sarcoplasmic reticulum. <i>Journal of Cell Science</i> , 2009, 122, 2640-2650.	2.0	120
60	Cardiac-specific ablation of Cypher leads to a severe form of dilated cardiomyopathy with premature death. <i>Human Molecular Genetics</i> , 2009, 18, 701-713.	2.9	88
61	Calcium flickers steer cell migration. <i>Nature</i> , 2009, 457, 901-905.	27.8	545
62	Cai et al. reply. <i>Nature</i> , 2009, 458, E9-E10.	27.8	22
63	A myocardial lineage derives from Tbx18 epicardial cells. <i>Nature</i> , 2008, 454, 104-108.	27.8	712
64	Superoxide Flashes in Single Mitochondria. <i>Cell</i> , 2008, 134, 279-290.	28.9	643
65	Ca ²⁺ sparks and Ca ²⁺ glows in superior cervical ganglion neurons ¹ . <i>Acta Pharmacologica Sinica</i> , 2006, 27, 848-852.	6.1	6
66	Ca ²⁺ sparks and secretion in dorsal root ganglion neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12259-12264.	7.1	65
67	Ca ²⁺ -induced Ca ²⁺ Release in Sensory Neurons. <i>Journal of Biological Chemistry</i> , 2005, 280, 15898-15902.	3.4	22
68	Blockade of U50488H on potassium currents of acutely isolated mouse hippocampal CA3 pyramidal neurons. <i>Brain Research</i> , 2001, 897, 52-59.	2.2	5