

Weinian Shou

List of Publications by Year in descending order

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57
papers

3,058
citations

257450

24
h-index

175258

52
g-index

57
all docs

57
docs citations

57
times ranked

4431
citing authors

#	ARTICLE	IF	CITATIONS
1	BMP10 is essential for maintaining cardiac growth during murine cardiogenesis. <i>Development (Cambridge)</i> , 2004, 131, 2219-2231.	2.5	421
2	Cardiac defects and altered ryanodine receptor function in mice lacking FKBP12. <i>Nature</i> , 1998, 391, 489-492.	27.8	410
3	Nlx2-5 Pathways and Congenital Heart Disease. <i>Cell</i> , 2004, 117, 373-386.	28.9	396
4	Acute Doxorubicin Cardiotoxicity Is Associated With p53-Induced Inhibition of the Mammalian Target of Rapamycin Pathway. <i>Circulation</i> , 2009, 119, 99-106.	1.6	190
5	Essential Role for Co-chaperone Fkbp52 but Not Fkbp51 in Androgen Receptor-mediated Signaling and Physiology. <i>Journal of Biological Chemistry</i> , 2007, 282, 5026-5036.	3.4	136
6	Dishevelled-associated activator of morphogenesis 1 (Daam1) is required for heart morphogenesis. <i>Development (Cambridge)</i> , 2011, 138, 303-315.	2.5	116
7	FK506-Binding Protein 52 Is Essential to Uterine Reproductive Physiology Controlled by the Progesterone Receptor A Isoform. <i>Molecular Endocrinology</i> , 2006, 20, 2682-2694.	3.7	115
8	Context-dependent signaling defines roles of BMP9 and BMP10 in embryonic and postnatal development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11887-11892.	7.1	106
9	Protein Phosphatase 5 Mediates Lipid Metabolism through Reciprocal Control of Glucocorticoid Receptor and Peroxisome Proliferator-activated Receptor- β (PPAR β). <i>Journal of Biological Chemistry</i> , 2011, 286, 42911-42922.	3.4	79
10	Analysis of Ventricular Hypertrabeculation and Noncompaction Using Genetically Engineered Mouse Models. <i>Pediatric Cardiology</i> , 2009, 30, 626-634.	1.3	67
11	Control of Glucocorticoid and Progesterone Receptor Subcellular Localization by the Ligand-Binding Domain Is Mediated by Distinct Interactions with Tetratricopeptide Repeat Proteins. <i>Biochemistry</i> , 2008, 47, 10471-10480.	2.5	63
12	A Mouse Model for Juvenile Doxorubicin-Induced Cardiac Dysfunction. <i>Pediatric Research</i> , 2008, 64, 488-494.	2.3	61
13	FKBP12 Is a Critical Regulator of the Heart Rhythm and the Cardiac Voltage-Gated Sodium Current in Mice. <i>Circulation Research</i> , 2011, 108, 1042-1052.	4.5	57
14	Critical Roles of STAT3 in β -Adrenergic Functions in the Heart. <i>Circulation</i> , 2016, 133, 48-61.	1.6	55
15	Negative Regulation of Stat3 by Activating PTPN11 Mutants Contributes to the Pathogenesis of Noonan Syndrome and Juvenile Myelomonocytic Leukemia. <i>Journal of Biological Chemistry</i> , 2009, 284, 22353-22363.	3.4	52
16	Mice Lacking Protein Phosphatase 5 Are Defective in Ataxia Telangiectasia Mutated (ATM)-mediated Cell Cycle Arrest. <i>Journal of Biological Chemistry</i> , 2007, 282, 14690-14694.	3.4	50
17	Overexpression of Bone Morphogenetic Protein 10 in Myocardium Disrupts Cardiac Postnatal Hypertrophic Growth. <i>Journal of Biological Chemistry</i> , 2006, 281, 27481-27491.	3.4	49
18	Tbx20 Transcription Factor Is a Downstream Mediator for Bone Morphogenetic Protein-10 in Regulating Cardiac Ventricular Wall Development and Function. <i>Journal of Biological Chemistry</i> , 2011, 286, 36820-36829.	3.4	47

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19	QKI is a critical pre-mRNA alternative splicing regulator of cardiac myofibrillogenesis and contractile function. <i>Nature Communications</i> , 2021, 12, 89.	12.8	47
20	Lack of Plakoglobin in Epidermis Leads to Keratoderma. <i>Journal of Biological Chemistry</i> , 2012, 287, 10435-10443.	3.4	34
21	Fkbp52 Regulates Androgen Receptor Transactivation Activity and Male Urethra Morphogenesis. <i>Journal of Biological Chemistry</i> , 2010, 285, 27776-27784.	3.4	33
22	Mitochondriaâ€Nucleus Shuttling FK506-Binding Protein 51 Interacts with TRAF Proteins and Facilitates the RIG-I-Like Receptor-Mediated Expression of Type I IFN. <i>PLoS ONE</i> , 2014, 9, e95992.	2.5	31
23	FGF21 ameliorates the neurocontrol of blood pressure in the high fructose-drinking rats. <i>Scientific Reports</i> , 2016, 6, 29582.	3.3	30
24	Potential Common Pathogenic Pathways for the Left Ventricular Noncompaction Cardiomyopathy (LVNC). <i>Pediatric Cardiology</i> , 2018, 39, 1099-1106.	1.3	30
25	BMP10 preserves cardiac function through its dual activation of SMAD-mediated and STAT3-mediated pathways. <i>Journal of Biological Chemistry</i> , 2019, 294, 19877-19888.	3.4	29
26	Loss of FKBP5 Affects Neuron Synaptic Plasticity: An Electrophysiology Insight. <i>Neuroscience</i> , 2019, 402, 23-36.	2.3	28
27	Genome-wide studies reveal the essential and opposite roles of ARID1A in controlling human cardiogenesis and neurogenesis from pluripotent stem cells. <i>Genome Biology</i> , 2020, 21, 169.	8.8	28
28	The FKBP5 Gene Affects Alcohol Drinking in Knockout Mice and Is Implicated in Alcohol Drinking in Humans. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1271.	4.1	27
29	HAND1 loss-of-function within the embryonic myocardium reveals survivable congenital cardiac defects and adult heart failure. <i>Cardiovascular Research</i> , 2020, 116, 605-618.	3.8	24
30	Heterogeneity of Hepatic Stellate Cells in Fibrogenesis of the Liver: Insights from Single-Cell Transcriptomic Analysis in Liver Injury. <i>Cells</i> , 2021, 10, 2129.	4.1	24
31	Unique Expression of Angiotensin Type-2 Receptor in Sex-Specific Distribution of Myelinated Ah-Type Baroreceptor Neuron Contributing to Sex-Dimorphic Neurocontrol of Circulation. <i>Hypertension</i> , 2016, 67, 783-791.	2.7	23
32	Deletion of the glucocorticoid receptor chaperone FKBP51 prevents glucocorticoid-induced skin atrophy. <i>Oncotarget</i> , 2018, 9, 34772-34783.	1.8	20
33	The roles of SMYD4 in epigenetic regulation of cardiac development in zebrafish. <i>PLoS Genetics</i> , 2018, 14, e1007578.	3.5	17
34	Role of phosphatase of regenerating liver 1 (PRL1) in spermatogenesis. <i>Scientific Reports</i> , 2016, 6, 34211.	3.3	16
35	Protein phosphatase 5 and the tumor suppressor p53 down-regulate each other's activities in mice. <i>Journal of Biological Chemistry</i> , 2018, 293, 18218-18229.	3.4	14
36	The Emerging Roles of the RNA Binding Protein QKI in Cardiovascular Development and Function. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 668659.	3.7	14

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37	FKBP12.6 protects heart from AngII-induced hypertrophy through inhibiting Ca ²⁺ /calmodulin-mediated signalling pathways in vivo and in vitro. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3638-3651.	3.6	13
38	Mice with Hepatic Loss of the Desmosomal Protein β -Catenin Are Prone to Cholestatic Injury and Chemical Carcinogenesis. <i>American Journal of Pathology</i> , 2015, 185, 3274-3289.	3.8	12
39	Profiling analysis of long non-coding RNAs in early postnatal mouse hearts. <i>Scientific Reports</i> , 2017, 7, 43485.	3.3	12
40	Ketamine-mediated afferent-specific presynaptic transmission blocks in low-threshold and sex-specific subpopulation of myelinated Ah-type baroreceptor neurons of rats. <i>Oncotarget</i> , 2015, 6, 44108-44122.	1.8	11
41	Prenatal inflammation exposure-programmed cardiovascular diseases and potential prevention. , 2018, 190, 159-172.		9
42	Neuropeptide Y-mediated sex- and afferent-specific neurotransmissions contribute to sexual dimorphism of baroreflex afferent function. <i>Oncotarget</i> , 2016, 7, 66135-66148.	1.8	9
43	Increased nuchal translucency origins from abnormal lymphatic development and is independent of the presence of a cardiac defect. <i>Prenatal Diagnosis</i> , 2015, 35, 1278-1286.	2.3	8
44	Atrial fibrillation and electrophysiology in transgenic mice with cardiac-restricted overexpression of FKBP12. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H371-H379.	3.2	8
45	Enhanced mTOR complex 1 signaling attenuates diabetic cardiac injury in OVE26 mice. <i>FASEB Journal</i> , 2019, 33, 12800-12811.	0.5	7
46	Serotonin-Mediated Cardiac Analgesia via Ah-Type Baroreceptor Activation Contributes to Silent Angina and Asymptomatic Infarction. <i>Neuroscience</i> , 2019, 411, 150-163.	2.3	6
47	Novel <i>Myh11</i> Dual Reporter Mouse Model Provides Definitive Labeling and Identification of Smooth Muscle Cells—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 815-821.	2.4	6
48	Lack of plakoglobin impairs integrity and wound healing in corneal epithelium in mice. <i>Laboratory Investigation</i> , 2018, 98, 1375-1383.	3.7	5
49	Cardiac defects, nuchal edema and abnormal lymphatic development are not associated with morphological changes in the ductus venosus. <i>Early Human Development</i> , 2016, 101, 39-48.	1.8	3
50	Early severe coronary heart disease and ischemic heart failure in homozygous familial hypercholesterolemia. <i>Medicine (United States)</i> , 2018, 97, e12869.	1.0	3
51	Activation of iNKT Cells at the Maternal-Fetal Interface Predisposes Offspring to Cardiac Injury. <i>Circulation</i> , 2022, 145, 1032-1035.	1.6	3
52	LUMA in cardiac development and function. <i>Cardiovascular Research</i> , 2018, 114, 347-348.	3.8	2
53	2017 Riley Heart Center Symposium on Cardiac Development: Development and Repair of the Ventricular Wall. <i>Pediatric Cardiology</i> , 2018, 39, 1067-1068.	1.3	2
54	The role of histone methyltransferase SMYD4 in cardioprogenitor cell specification and differentiation. <i>FASEB Journal</i> , 2021, 35, .	0.5	0

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55	mTOR kinase activity is required by the myocardium for basal level and insulin-induced signals. FASEB Journal, 2006, 20, A818.	0.5	0
56	STAT3 Is Required for Notch-Induced Leukemogenesis, and Functions As a Critical Survival Effector in T-Cell Leukemia. Blood, 2011, 118, 920-920.	1.4	0
57	Cyclin D2-mediated cardiomyocyte cell cycle activity reverses doxorubicin-induced cardiotoxicity. FASEB Journal, 2013, 27, 1105.26.	0.5	0