

Haodong Chen

List of Publications by Year in descending order

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36
papers

2,860
citations

236925

25
h-index

361022

35
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36
all docs

36
docs citations

36
times ranked

3757
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropilin-2, a Novel Member of the Neuropilin Family, Is a High Affinity Receptor for the Semaphorins Sema E and Sema IV but Not Sema III. <i>Neuron</i> , 1997, 19, 547-559.	8.1	605
2	Neuropilin-2 Regulates the Development of Select Cranial and Sensory Nerves and Hippocampal Mossy Fiber Projections. <i>Neuron</i> , 2000, 25, 43-56.	8.1	349
3	Menin Controls Growth of Pancreatic β -Cells in Pregnant Mice and Promotes Gestational Diabetes Mellitus. <i>Science</i> , 2007, 318, 806-809.	12.6	313
4	Semaphorin-Neuropilin Interactions Underlying Sympathetic Axon Responses to Class III Semaphorins. <i>Neuron</i> , 1998, 21, 1283-1290.	8.1	265
5	Nondestructive nanostraw intracellular sampling for longitudinal cell monitoring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1866-E1874.	7.1	124
6	An <i>in Vivo</i> miRNA Delivery System for Restoring Infarcted Myocardium. <i>ACS Nano</i> , 2019, 13, 9880-9894.	14.6	101
7	Universal intracellular biomolecule delivery with precise dosage control. <i>Science Advances</i> , 2018, 4, eaat8131.	10.3	95
8	Genome Editing of Induced Pluripotent Stem Cells to Decipher Cardiac Channelopathy Variant. <i>Journal of the American College of Cardiology</i> , 2018, 72, 62-75.	2.8	94
9	Effects of cellular origin on differentiation of human induced pluripotent stem cell-derived endothelial cells. <i>JCI Insight</i> , 2016, 1, .	5.0	75
10	Molecular and functional resemblance of differentiated cells derived from isogenic human iPSCs and SCNT-derived ESCs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11111-E11120.	7.1	68
11	Keratin 14 Gene Mutations in Patients with Epidermolysis Bullosa Simplex. <i>Journal of Investigative Dermatology</i> , 1995, 105, 629-632.	0.7	62
12	Effects of Spaceflight on Human Induced Pluripotent Stem Cell-Derived Cardiomyocyte Structure and Function. <i>Stem Cell Reports</i> , 2019, 13, 960-969.	4.8	62
13	Photoacoustic Imaging of Embryonic Stem Cell-Derived Cardiomyocytes in Living Hearts with Ultrasensitive Semiconducting Polymer Nanoparticles. <i>Advanced Functional Materials</i> , 2018, 28, 1704939.	14.9	58
14	Quantitative Analysis of the Chromatin Proteome in Disease Reveals Remodeling Principles and Identifies High Mobility Group Protein B2 as a Regulator of Hypertrophic Growth. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.014258.	3.8	53
15	The Vitamin D Response Element-binding Protein. <i>Journal of Biological Chemistry</i> , 2000, 275, 35557-35564.	3.4	52
16	Proteasome-Dependent Regulation of Distinct Metabolic States During Long-Term Culture of Human iPSC-Derived Cardiomyocytes. <i>Circulation Research</i> , 2019, 125, 90-103.	4.5	52
17	The chromatin-binding protein Smyd1 restricts adult mammalian heart growth. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1234-H1247.	3.2	51
18	Comparison of Non-human Primate versus Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes for Treatment of Myocardial Infarction. <i>Stem Cell Reports</i> , 2018, 10, 422-435.	4.8	49

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19	Specialized compartments of cardiac nuclei exhibit distinct proteomic anatomy. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.000703.	3.8	40
20	DNA Methylation Indicates Susceptibility to Isoproterenol-Induced Cardiac Pathology and Is Associated With Chromatin States. <i>Circulation Research</i> , 2016, 118, 786-797.	4.5	40
21	Cloning and Expression of a Novel Dominant-Negative-acting Estrogen Response Element-binding Protein in the Heterogeneous Nuclear Ribonucleoprotein Family. <i>Journal of Biological Chemistry</i> , 1998, 273, 31352-31357.	3.4	35
22	Comparison of cardiac and pulmonary-specific quality-of-life measures in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2011, 38, 608-616.	6.7	31
23	Features of endogenous cardiomyocyte chromatin revealed by super-resolution STED microscopy. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 552-558.	1.9	31
24	Systems proteomics of cardiac chromatin identifies nucleolin as a regulator of growth and cellular plasticity in cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1624-H1638.	3.2	31
25	Reciprocal Regulation of the Cardiac Epigenome by Chromatin Structural Proteins Hmgb and Ctf. <i>Journal of Biological Chemistry</i> , 2016, 291, 15428-15446.	3.4	30
26	Topical application of artesunate on guinea pig allergic contact dermatitis. <i>Contact Dermatitis</i> , 1994, 30, 280-282.	1.4	22
27	The cumulative effects of known susceptibility variants to predict primary biliary cirrhosis risk. <i>Genes and Immunity</i> , 2015, 16, 193-198.	4.1	17
28	Harnessing cell pluripotency for cardiovascular regenerative medicine. <i>Nature Biomedical Engineering</i> , 2018, 2, 392-398.	22.5	16
29	Prediction of Clinical Outcome in Patients with Large-Vessel Acute Ischemic Stroke: Performance of Machine Learning versus SPAN-100. <i>American Journal of Neuroradiology</i> , 2021, 42, 240-246.	2.4	16
30	Transcriptome analysis of non human primate-induced pluripotent stem cell-derived cardiomyocytes in 2D monolayer culture vs. 3D engineered heart tissue. <i>Cardiovascular Research</i> , 2021, 117, 2125-2136.	3.8	12
31	Structural considerations for chromatin state models with transcription as a functional readout. <i>FEBS Letters</i> , 2012, 586, 3548-3554.	2.8	5
32	Quantitative Analysis of Chromatin Proteomes in Disease. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	2
33	Improved antitumor therapy by dual targeting of estrogen and growth factor receptor signaling in human breast cancer cells. <i>Journal of Clinical Oncology</i> , 2006, 24, 637-637.	1.6	2
34	Systems Proteomics of Healthy and Diseased Chromatin. <i>Methods in Molecular Biology</i> , 2013, 1005, 77-93.	0.9	1
35	WEâ€œBRDâ€œ04: BEST IN PHYSICS (JOINT IMAGINGâ€œTHERAPY): An Integrated Modelâ€œBased Intrafractional Organ Motion Tracking Approach with Dynamic MRI in Head and Neck Radiotherapy. <i>Medical Physics</i> , 2015, 42, 3689-3689.	3.0	1
36	Cardiac Linker Histones Are Differentially Regulated Following Hypertrophic Stimuli. <i>FASEB Journal</i> , 2012, 26, 1127.9.	0.5	0