Chao Wang

List of Publications by Year
in descending order

31 papers	1,231 citations	361413 20 h-index	434195 31 g-index
31 all docs	31 docs citations	31 times ranked	1882 citing authors

#	Article	IF	Citations
1	In vivo partial reprogramming alters age-associated molecular changes during physiological aging in mice. Nature Aging, 2022, 2, 243-253.	11.6	101
2	InÂvivo partial cellular reprogramming enhances liver plasticity and regeneration. Cell Reports, 2022, 39, 110730.	6.4	41
3	In vivo partial reprogramming of myofibers promotes muscle regeneration by remodeling the stem cell niche. Nature Communications, 2021, 12, 3094.	12.8	51
4	Chemical combinations potentiate human pluripotent stem cell-derived 3D pancreatic progenitor clusters toward functional Î² cells. Nature Communications, 2021, 12, 3330.	12.8	21
5	Harnessing Fiber Diameter-Dependent Effects of Myoblasts Toward Biomimetic Scaffold-Based Skeletal Muscle Regeneration. Frontiers in Bioengineering and Biotechnology, 2020, 8, 203.	4.1	52
6	Î±KLOTHO and sTGFÎ²R2 treatment counteract the osteoarthritic phenotype developed in a rat model. Protein and Cell, 2020, 11, 219-226.	11.0	12
7	Methyltransferase-like 21c methylates and stabilizes the heat shock protein Hspa8 in type I myofibers in mice. Journal of Biological Chemistry, 2019, 294, 13718-13728.	3.4	22
8	Methyltransferaseâ€like 21e inhibits 26S proteasome activity to facilitate hypertrophy of type IIb myofibers. FASEB Journal, 2019, 33, 9672-9684.	0.5	9
9	Skeletal muscleâ€derived exosomes regulate endothelial cell functions via reactive oxygen speciesâ€activated nuclear factorâ€ÎºB signalling. Experimental Physiology, 2019, 104, 1262-1273.	2.0	57
10	Fndc5 lossâ€ofâ€function attenuates exerciseâ€induced browning of white adipose tissue in mice. FASEB Journal, 2019, 33, 5876-5886.	0.5	39
11	Transdifferentiation of Muscle Satellite Cells to Adipose Cells Using CRISPR/Cas9-Mediated Targeting of MyoD. Methods in Molecular Biology, 2019, 1889, 25-41.	0.9	5
12	Shisa2 regulates the fusion of muscle progenitors. Stem Cell Research, 2018, 31, 31-41.	0.7	14
13	Ascl2 inhibits myogenesis by antagonizing the transcriptional activity of myogenic regulatory factors. Development (Cambridge), 2017, 144, 235-247.	2.5	27
14	Pten is necessary for the quiescence and maintenance of adult muscle stem cells. Nature Communications, 2017, 8, 14328.	12.8	86
15	Loss of MyoD Promotes Fate Transdifferentiation of Myoblasts Into Brown Adipocytes. EBioMedicine, 2017, 16, 212-223.	6.1	57
16	The hypoxia-inducible factors HIF1Î± and HIF2Î± are dispensable for embryonic muscle development but essential for postnatal muscle regeneration. Journal of Biological Chemistry, 2017, 292, 5981-5991.	3.4	54
17	Peripheral Neuropathy and Hindlimb Paralysis in a Mouse Model of Adipocyte-Specific Knockout of Lkb1. EBioMedicine, 2017, 24, 127-136.	6.1	11
18	Muscle Histology Characterization Using H&E Staining and Muscle Fiber Type Classification Using Immunofluorescence Staining. Bio-protocol, 2017, 7, .	0.4	67

#	Article	IF	Citations
19	Characterization and expression of a novel caspase gene: Evidence of the expansion of caspases in Crassostrea gigas. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 201, 37-45.	1.6	10
20	Impaired exercise tolerance, mitochondrial biogenesis, and muscle fiber maintenance in miRâ€133aâ€"deficient mice. FASEB Journal, 2016, 30, 3745-3758.	0.5	59
21	Notch activation drives adipocyte dedifferentiation and tumorigenic transformation in mice. Journal of Experimental Medicine, 2016, 213, 2019-2037.	8.5	72
22	Conditional Loss of Pten in Myogenic Progenitors Leads to Postnatal Skeletal Muscle Hypertrophy but Age-Dependent Exhaustion of Satellite Cells. Cell Reports, 2016, 17, 2340-2353.	6.4	67
23	Heterogeneous activation of a slow myosin gene in proliferating myoblasts and differentiated single myofibers. Developmental Biology, 2015, 402, 72-80.	2.0	17
24	Hypoxia Inhibits Myogenic Differentiation through p53 Protein-dependent Induction of Bhlhe40 Protein. Journal of Biological Chemistry, 2015, 290, 29707-29716.	3.4	35
25	The role of Cu/Zn-SOD and Mn-SOD in the immune response to oxidative stress and pathogen challenge in the clam Meretrix meretrix. Fish and Shellfish Immunology, 2015, 42, 58-65.	3.6	102
26	Growth performance of the clam, Meretrix meretrix, breeding-selection populations cultured in different conditions. Acta Oceanologica Sinica, 2013, 32, 82-87.	1.0	1
27	The role of catalase in the immune response to oxidative stress and pathogen challenge in the clam Meretrix meretrix. Fish and Shellfish Immunology, 2013, 34, 91-99.	3.6	59
28	Single nucleotide polymorphisms in i-type lysozyme gene and their correlation with vibrio-resistance and growth of clam Meretrix meretrix based on the selected resistance stocks. Fish and Shellfish Immunology, 2012, 33, 559-568.	3.6	33
29	Genetic diversity of the sulfotransferase-like gene and one nonsynonymous SNP associated with growth traits of clam, Meretrix meretrix. Molecular Biology Reports, 2012, 39, 1323-1331.	2.3	9
30	Identification of a fructose-1,6-bisphosphate aldolase gene and association of the single nucleotide polymorphisms with growth traits in the clam Meretrix meretrix. Molecular Biology Reports, 2012, 39, 5017-5024.	2.3	10
31	Molecular characterization of a glutathione peroxidase gene and its expression in the selected Vibrio-resistant population of the clam Meretrix meretrix. Fish and Shellfish Immunology, 2011, 30, 1294-1302.	3.6	31