

# Chao Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The role of Cu/Zn-SOD and Mn-SOD in the immune response to oxidative stress and pathogen challenge in the clam <i>Meretrix meretrix</i> . <i>Fish and Shellfish Immunology</i> , 2015, 42, 58-65.	3.6	102
2	In vivo partial reprogramming alters age-associated molecular changes during physiological aging in mice. <i>Nature Aging</i> , 2022, 2, 243-253.	11.6	101
3	Pten is necessary for the quiescence and maintenance of adult muscle stem cells. <i>Nature Communications</i> , 2017, 8, 14328.	12.8	86
4	Notch activation drives adipocyte dedifferentiation and tumorigenic transformation in mice. <i>Journal of Experimental Medicine</i> , 2016, 213, 2019-2037.	8.5	72
5	Conditional Loss of Pten in Myogenic Progenitors Leads to Postnatal Skeletal Muscle Hypertrophy but Age-Dependent Exhaustion of Satellite Cells. <i>Cell Reports</i> , 2016, 17, 2340-2353.	6.4	67
6	Muscle Histology Characterization Using H&E Staining and Muscle Fiber Type Classification Using Immunofluorescence Staining. <i>Bio-protocol</i> , 2017, 7, .	0.4	67
7	The role of catalase in the immune response to oxidative stress and pathogen challenge in the clam <i>Meretrix meretrix</i> . <i>Fish and Shellfish Immunology</i> , 2013, 34, 91-99.	3.6	59
8	Impaired exercise tolerance, mitochondrial biogenesis, and muscle fiber maintenance in <i>miR-133a</i> -deficient mice. <i>FASEB Journal</i> , 2016, 30, 3745-3758.	0.5	59
9	Loss of MyoD Promotes Fate Transdifferentiation of Myoblasts Into Brown Adipocytes. <i>EBioMedicine</i> , 2017, 16, 212-223.	6.1	57
10	Skeletal muscle-derived exosomes regulate endothelial cell functions via reactive oxygen species-activated nuclear factor- $\kappa$ B signalling. <i>Experimental Physiology</i> , 2019, 104, 1262-1273.	2.0	57
11	The hypoxia-inducible factors HIF1 $\alpha$ and HIF2 $\alpha$ are dispensable for embryonic muscle development but essential for postnatal muscle regeneration. <i>Journal of Biological Chemistry</i> , 2017, 292, 5981-5991.	3.4	54
12	Harnessing Fiber Diameter-Dependent Effects of Myoblasts Toward Biomimetic Scaffold-Based Skeletal Muscle Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 203.	4.1	52
13	In vivo partial reprogramming of myofibers promotes muscle regeneration by remodeling the stem cell niche. <i>Nature Communications</i> , 2021, 12, 3094.	12.8	51
14	In vivo partial cellular reprogramming enhances liver plasticity and regeneration. <i>Cell Reports</i> , 2022, 39, 110730.	6.4	41
15	<i>Fndc5</i> loss of function attenuates exercise-induced browning of white adipose tissue in mice. <i>FASEB Journal</i> , 2019, 33, 5876-5886.	0.5	39
16	Hypoxia Inhibits Myogenic Differentiation through p53 Protein-dependent Induction of <i>Bhlhe40</i> Protein. <i>Journal of Biological Chemistry</i> , 2015, 290, 29707-29716.	3.4	35
17	Single nucleotide polymorphisms in <i>i</i> -type lysozyme gene and their correlation with vibrio-resistance and growth of clam <i>Meretrix meretrix</i> based on the selected resistance stocks. <i>Fish and Shellfish Immunology</i> , 2012, 33, 559-568.	3.6	33
18	Molecular characterization of a glutathione peroxidase gene and its expression in the selected <i>Vibrio</i> -resistant population of the clam <i>Meretrix meretrix</i> . <i>Fish and Shellfish Immunology</i> , 2011, 30, 1294-1302.	3.6	31

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19	Ascl2 inhibits myogenesis by antagonizing the transcriptional activity of myogenic regulatory factors. <i>Development (Cambridge)</i> , 2017, 144, 235-247.	2.5	27
20	Methyltransferase-like 21c methylates and stabilizes the heat shock protein Hspa8 in type I myofibers in mice. <i>Journal of Biological Chemistry</i> , 2019, 294, 13718-13728.	3.4	22
21	Chemical combinations potentiate human pluripotent stem cell-derived 3D pancreatic progenitor clusters toward functional $\beta^2$ cells. <i>Nature Communications</i> , 2021, 12, 3330.	12.8	21
22	Heterogeneous activation of a slow myosin gene in proliferating myoblasts and differentiated single myofibers. <i>Developmental Biology</i> , 2015, 402, 72-80.	2.0	17
23	Shisa2 regulates the fusion of muscle progenitors. <i>Stem Cell Research</i> , 2018, 31, 31-41.	0.7	14
24	$\beta$ -KLOTHO and sTGF $\beta$ R2 treatment counteract the osteoarthritic phenotype developed in a rat model. <i>Protein and Cell</i> , 2020, 11, 219-226.	11.0	12
25	Peripheral Neuropathy and Hindlimb Paralysis in a Mouse Model of Adipocyte-Specific Knockout of Lkb1. <i>EBioMedicine</i> , 2017, 24, 127-136.	6.1	11
26	Identification of a fructose-1,6-bisphosphate aldolase gene and association of the single nucleotide polymorphisms with growth traits in the clam <i>Meretrix meretrix</i> . <i>Molecular Biology Reports</i> , 2012, 39, 5017-5024.	2.3	10
27	Characterization and expression of a novel caspase gene: Evidence of the expansion of caspases in <i>Crassostrea gigas</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 201, 37-45.	1.6	10
28	Genetic diversity of the sulfotransferase-like gene and one nonsynonymous SNP associated with growth traits of clam, <i>Meretrix meretrix</i> . <i>Molecular Biology Reports</i> , 2012, 39, 1323-1331.	2.3	9
29	Methyltransferase-like 21e inhibits 26S proteasome activity to facilitate hypertrophy of type IIb myofibers. <i>FASEB Journal</i> , 2019, 33, 9672-9684.	0.5	9
30	Transdifferentiation of Muscle Satellite Cells to Adipose Cells Using CRISPR/Cas9-Mediated Targeting of MyoD. <i>Methods in Molecular Biology</i> , 2019, 1889, 25-41.	0.9	5
31	Growth performance of the clam, <i>Meretrix meretrix</i> , breeding-selection populations cultured in different conditions. <i>Acta Oceanologica Sinica</i> , 2013, 32, 82-87.	1.0	1