

# Dahai Zhu

## List of Publications by Year in descending order

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35  
papers

1,357  
citations

331670

21  
h-index

377865

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2202  
citing authors

#	ARTICLE	IF	CITATIONS
1	MyoD is a 3D genome structure organizer for muscle cell identity. <i>Nature Communications</i> , 2022, 13, 205.	12.8	50
2	Linc-RAM promotes muscle cell differentiation via regulating glycogen phosphorylase activity. <i>Cell Regeneration</i> , 2022, 11, 8.	2.6	2
3	miR-378-mediated glycolytic metabolism enriches the Pax7 <sup>Hi</sup> subpopulation of satellite cells. <i>Cell Regeneration</i> , 2022, 11, 11.	2.6	1
4	Acetoacetate promotes muscle cell proliferation via the miR-133b/SRF axis through the Mek-Erk-MEF2 pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1009-1016.	2.0	8
5	miR-378 and its host gene <i>Ppargc1<sup>2</sup></i> exhibit independent expression in mouse skeletal muscle. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 883-890.	2.0	7
6	MiR-378a suppresses tenogenic differentiation and tendon repair by targeting at TGF- $\beta$ 2. <i>Stem Cell Research and Therapy</i> , 2019, 10, 108.	5.5	18
7	Muscle-secreted granulocyte colony-stimulating factor functions as metabolic niche factor ameliorating loss of muscle stem cells in aged mice. <i>EMBO Journal</i> , 2019, 38, e102154.	7.8	35
8	A novel brown adipocyte-enriched long non-coding RNA that is required for brown adipocyte differentiation and sufficient to drive thermogenic gene program in white adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 409-419.	2.4	56
9	Linc-RAM is required for FGF2 function in regulating myogenic cell differentiation. <i>RNA Biology</i> , 2018, 15, 404-412.	3.1	18
10	Myostatin promotes the epithelial-to-mesenchymal transition of the dermomyotome during somitogenesis. <i>Developmental Dynamics</i> , 2018, 247, 1241-1252.	1.8	4
11	Long non-coding RNA Linc-RAM enhances myogenic differentiation by interacting with MyoD. <i>Nature Communications</i> , 2017, 8, 14016.	12.8	147
12	miR-30e is negatively regulated by myostatin in skeletal muscle and is functionally related to fiber-type composition. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 392-399.	2.0	16
13	miR-127 enhances myogenic cell differentiation by targeting S1PR3. <i>Cell Death and Disease</i> , 2017, 8, e2707-e2707.	6.3	45
14	miR-378 Activates the Pyruvate-PEP Futile Cycle and Enhances Lipolysis to Ameliorate Obesity in Mice. <i>EBioMedicine</i> , 2016, 5, 93-104.	6.1	41
15	miR-431 is involved in regulating cochlear function by targeting <i>Eya4</i> . <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 2119-2126.	3.8	7
16	miR-378 attenuates muscle regeneration by delaying satellite cell activation and differentiation in mice. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 833-839.	2.0	25
17	Acetoacetate Accelerates Muscle Regeneration and Ameliorates Muscular Dystrophy in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 2181-2195.	3.4	55
18	Myostatin regulates miR-431 expression via the Ras-Mek-Erk signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 224-229.	2.1	15

#	ARTICLE	IF	CITATIONS
19	MicroRNA-431 accelerates muscle regeneration and ameliorates muscular dystrophy by targeting Pax7 in mice. <i>Nature Communications</i> , 2015, 6, 7713.	12.8	56
20	Enhanced metastasis in RNF13 knockout mice is mediated by a reduction in GM-CSF levels. <i>Protein and Cell</i> , 2015, 6, 746-756.	11.0	6
21	Accelerated regeneration of the skeletal muscle in RNF13-knockout mice is mediated by macrophage-secreted IL-4/IL-6. <i>Protein and Cell</i> , 2014, 5, 235-247.	11.0	19
22	E3 ubiquitin ligase RNF13 involves spatial learning and assembly of the SNARE complex. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 153-165.	5.4	22
23	RNF13: an emerging RING finger ubiquitin ligase important in cell proliferation. <i>FEBS Journal</i> , 2011, 278, 78-84.	4.7	34
24	The myostatin-induced E3 ubiquitin ligase RNF13 negatively regulates the proliferation of chicken myoblasts. <i>FEBS Journal</i> , 2010, 277, 466-476.	4.7	21
25	Myostatin regulates glucose metabolism via the AMP-activated protein kinase pathway in skeletal muscle cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 2072-2081.	2.8	80
26	Systematic identification and characterization of chicken ( <i>Gallus gallus</i> ) ncRNAs. <i>Nucleic Acids Research</i> , 2009, 37, 6562-6574.	14.5	25
27	RNF13: a novel RING-type ubiquitin ligase over-expressed in pancreatic cancer. <i>Cell Research</i> , 2009, 19, 348-357.	12.0	57
28	Myostatin induces p300 degradation to silence cyclin D1 expression through the PI3K/PTEN/Akt pathway. <i>Cellular Signalling</i> , 2008, 20, 1452-1458.	3.6	41
29	Myostatin Induces Cyclin D1 Degradation to Cause Cell Cycle Arrest through a Phosphatidylinositol 3-Kinase/AKT/GSK-3 $\beta$ Pathway and Is Antagonized by Insulin-like Growth Factor 1. <i>Journal of Biological Chemistry</i> , 2007, 282, 3799-3808.	3.4	186
30	FBXO40, a gene encoding a novel muscle-specific F-box protein, is upregulated in denervation-related muscle atrophy. <i>Gene</i> , 2007, 404, 53-60.	2.2	42
31	Effect of mouse calcineurin on induction and growth of rice callus transformed by the calcineurin gene. <i>Plant Cell, Tissue and Organ Culture</i> , 2006, 86, 1-6.	2.3	0
32	Extracellular Signal-Regulated Kinase 1/2 Mitogen-Activated Protein Kinase Pathway Is Involved in Myostatin-Regulated Differentiation Repression. <i>Cancer Research</i> , 2006, 66, 1320-1326.	0.9	120
33	Expression of a calcineurin gene improves salt stress tolerance in transgenic rice. <i>Plant Molecular Biology</i> , 2005, 58, 483-495.	3.9	26
34	Identification of gene expression modifications in myostatin-stimulated myoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 660-666.	2.1	34
35	hSGT interacts with the N-terminal region of myostatin. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 877-883.	2.1	38