

Yong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

14,353
citations

686830

13
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

32477
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-based Analysis of ChIP-Seq (MACS). <i>Genome Biology</i> , 2008, 9, R137.	13.9	13,517
2	Myostatin Induces Cyclin D1 Degradation to Cause Cell Cycle Arrest through a Phosphatidylinositol 3-Kinase/AKT/GSK-3 β Pathway and Is Antagonized by Insulin-like Growth Factor 1. <i>Journal of Biological Chemistry</i> , 2007, 282, 3799-3808.	1.6	186
3	Long non-coding RNA Linc-RAM enhances myogenic differentiation by interacting with MyoD. <i>Nature Communications</i> , 2017, 8, 14016.	5.8	147
4	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.	0.4	120
5	MicroRNA-431 accelerates muscle regeneration and ameliorates muscular dystrophy by targeting Pax7 in mice. <i>Nature Communications</i> , 2015, 6, 7713.	5.8	56
6	Acetoacetate Accelerates Muscle Regeneration and Ameliorates Muscular Dystrophy in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 2181-2195.	1.6	55
7	MyoD is a 3D genome structure organizer for muscle cell identity. <i>Nature Communications</i> , 2022, 13, 205.	5.8	50
8	miR-127 enhances myogenic cell differentiation by targeting S1PR3. <i>Cell Death and Disease</i> , 2017, 8, e2707-e2707.	2.7	45
9	miR-378 Activates the Pyruvate-PEP Futile Cycle and Enhances Lipolysis to Ameliorate Obesity in Mice. <i>EBioMedicine</i> , 2016, 5, 93-104.	2.7	41
10	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.	3.5	35
11	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.	0.9	25
12	The myostatin-induced E3 ubiquitin ligase RNF13 negatively regulates the proliferation of chicken myoblasts. <i>FEBS Journal</i> , 2010, 277, 466-476.	2.2	21
13	Linc-RAM is required for FGF2 function in regulating myogenic cell differentiation. <i>RNA Biology</i> , 2018, 15, 404-412.	1.5	18
14	Myostatin regulates miR-431 expression via the Ras-Mek-Erk signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 224-229.	1.0	15
15	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.	0.9	8
16	miR-378 and its host gene Ppargc1 β exhibit independent expression in mouse skeletal muscle. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 883-890.	0.9	7
17	Myostatin promotes the epithelial-to-mesenchymal transition of the dermomyotome during somitogenesis. <i>Developmental Dynamics</i> , 2018, 247, 1241-1252.	0.8	4
18	Linc-RAM promotes muscle cell differentiation via regulating glycogen phosphorylase activity. <i>Cell Regeneration</i> , 2022, 11, 8.	1.1	2

#	ARTICLE	IF	CITATIONS
19	miR-378-mediated glycolytic metabolism enriches the Pax7Hi subpopulation of satellite cells. Cell Regeneration, 2022, 11, 11.	1.1	1