Masashi Nakatani

List of Publications by Year
in descending order

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26 papers	1,283 citations	567281 15 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	2283 citing authors

#	Article	IF	Citations
1	Transgenic expression of a myostatin inhibitor derived from follistatin increases skeletal muscle mass and ameliorates dystrophic pathology inmdxmice. FASEB Journal, 2008, 22, 477-487.	0.5	171
2	Activin signaling as an emerging target for therapeutic interventions. Cell Communication and Signaling, 2009, 7, 15.	6.5	153
3	Signal Transduction Pathway through Activin Receptors as a Therapeutic Target of Musculoskeletal Diseases and Cancer. Endocrine Journal, 2008, 55, 11-21.	1.6	147
4	Activin isoforms signal through type I receptor serine/threonine kinase ALK7. Molecular and Cellular Endocrinology, 2004, 220, 59-65.	3.2	129
5	Myostatin signaling regulates Akt activity via the regulation of miR-486 expression. International Journal of Biochemistry and Cell Biology, 2014, 47, 93-103.	2.8	107
6	Muscular atrophy of caveolin-3â€“deficient mice is rescued by myostatin inhibition. Journal of Clinical Investigation, 2006, 116, 2924-2934.	8.2	101
7	Cell-Surface Protein Profiling Identifies Distinctive Markers of Progenitor Cells in Human Skeletal Muscle. Stem Cell Reports, 2016, 7, 263-278.	4.8	95
8	Mesenchymal Bmp3b expression maintains skeletal muscle integrity and decreases in age-related sarcopenia. Journal of Clinical Investigation, 2021, 131, .	8.2	63
9	UBL3 modification influences protein sorting to small extracellular vesicles. Nature Communications, 2018, 9, 3936.	12.8	53
10	Myogenin promoterâ€associated lnc <scp>RNA</scp> Myoparr is essential for myogenic differentiation. EMBO Reports, 2019, 20, .	4.5	46
11	Novel factors in regulation of activin signaling. Molecular and Cellular Endocrinology, 2004, 225, 1-8.	3.2	39
12	ALK7 is a novel marker for adipocyte differentiation. Journal of Medical Investigation, 2006, 53, 238-245.	0.5	34
13	Follistatin-derived peptide expression in muscle decreases adipose tissue mass and prevents hepatic steatosis. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E543-E553.	3.5	31
14	Expression Levels of Long Non-Coding RNAs Change in Models of Altered Muscle Activity and Muscle Mass. International Journal of Molecular Sciences, 2020, 21, 1628.	4.1	23
15	Characterization of follistatin-related gene as a negative regulatory factor for activin family members during mouse heart development. Journal of Medical Investigation, 2007, 54, 276-288.	0.5	20
16	Promethazine Hydrochloride Inhibits Ectopic Fat Cell Formation in Skeletal Muscle. American Journal of Pathology, 2017, 187, 2627-2634.	3.8	12
17	Collagen-VI supplementation by cell transplantation improves muscle regeneration in Ullrich congenital muscular dystrophy model mice. Stem Cell Research and Therapy, 2021, 12, 446.	5.5	11
18	Desloratadine inhibits heterotopic ossification by suppression of BMP2â€Smad1/5/8 signaling. Journal of Orthopaedic Research, 2021, 39, 1297-1304.	2.3	9

#	Article	IF	Citations
19	An Analysis of Differentially Expressed Coding and Long Non-Coding RNAs in Multiple Models of Skeletal Muscle Atrophy. International Journal of Molecular Sciences, 2021, 22, 2558.	4.1	9
20	Genomic organization and promoter analysis of mouse follistatin-related gene (FLRG). Molecular and Cellular Endocrinology, 2002, 189, 117-123.	3.2	8
21	Long Non-Coding RNA Myoparr Regulates GDF5 Expression in Denervated Mouse Skeletal Muscle. Non-coding RNA, 2019, 5, 33.	2.6	8
22	Lack of association of ovariectomy-induced obesity with overeating and the reduction of physical activities. Biochemistry and Biophysics Reports, 2019, 20, 100671.	1.3	7
23	Reduced expression of calcitonin receptor is closely associated with ageâ€related loss of the muscle stem cell pool. JCSM Rapid Communications, 2019, 2, 1-13.	1.6	4
24	Myoparr-Associated and -Independent Multiple Roles of Heterogeneous Nuclear Ribonucleoprotein K during Skeletal Muscle Cell Differentiation. International Journal of Molecular Sciences, 2022, 23, 108.	4.1	2
25	A new murine ileostomy model: recycling stool prevents intestinal atrophy in the distal side of ileostomy.. , 2021, 7, 41-49.		1
26	Collagen-VI Supplementation by Cell Transplantation Improves Muscle Regeneration in Ullrich Congenital Muscular Dystrophy Model Mice. SSRN Electronic Journal, 0, , .	0.4	0