

CITATION REPORT

List of articles citing

Analysis of myosin heavy chain mRNA expression by RT-PCR

DOI: 10.1152/jappl.1997.83.4.1389

Journal of Applied Physiology, 1997, 83, 1389-96.

Source: <https://exaly.com/paper-pdf/28474837/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
63	Quantification of myosin heavy chain mRNA in somatic and branchial arch muscles using competitive PCR. <i>American Journal of Physiology - Cell Physiology</i> , 1998 , 275, C68-74	5.4	55
62	Neuromuscular fatigue during repeated exhaustive submaximal static contractions of knee extensor muscles in endurance-trained, power-trained and untrained men. <i>Acta Physiologica Scandinavica</i> , 1999 , 166, 319-26		76
61	Effects of spaceflight and thyroid deficiency on rat hindlimb development. II. Expression of MHC isoforms. <i>Journal of Applied Physiology</i> , 2000 , 88, 904-16	3.7	55
60	Role of denervation in modulating IIb MHC gene expression in response to T(3) plus unloading state. <i>Journal of Applied Physiology</i> , 2000 , 88, 682-9	3.7	27
59	Myosin heavy chain isoform and ubiquitin protease mRNA expression after passive leg cycling in persons with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2000 , 81, 157-63	2.8	32
58	In vivo regulation of the beta-myosin heavy chain gene in hypertensive rodent heart. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 280, C1262-76	5.4	47
57	Effects of oral creatine and resistance training on myosin heavy chain expression. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 1674-81	1.2	122
56	Temporal effects of inactivity on myosin heavy chain gene expression in rat slow muscle. <i>Muscle and Nerve</i> , 2001 , 24, 517-26	3.4	53
55	Quantifying the temporospatial expression of postnatal porcine skeletal myosin heavy chain genes. <i>Journal of Histochemistry and Cytochemistry</i> , 2002 , 50, 353-64	3.4	48
54	Change of chloride ion channel conductance is an early event of slow-to-fast fibre type transition during unloading-induced muscle disuse. <i>Brain</i> , 2002 , 125, 1510-21	11.2	64
53	Selected contribution: acute cellular and molecular responses to resistance exercise. <i>Journal of Applied Physiology</i> , 2002 , 93, 394-403	3.7	129
52	Cellular and molecular responses to increased skeletal muscle loading after irradiation. <i>American Journal of Physiology - Cell Physiology</i> , 2002 , 283, C1182-95	5.4	151
51	Effects of microgravity on myogenic factor expressions during postnatal development of rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2002 , 92, 1936-42	3.7	8
50	Testosterone-induced increase in muscle size in healthy young men is associated with muscle fiber hypertrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 283, E154-64	6	285
49	Effects of diet consistency on the myosin heavy chain mRNAs of rat masseter muscle during postnatal development. <i>Archives of Oral Biology</i> , 2002 , 47, 109-15	2.8	27
48	The adaptation of soleus and edl in a rat model of distraction osteogenesis: IGF-1 and fibrosis. <i>Journal of Orthopaedic Research</i> , 2002 , 20, 1225-31	3.8	17
47	Myosin heavy chain and physiological adaptation of the rat diaphragm in elastase-induced emphysema. <i>Respiratory Research</i> , 2003 , 4, 1	7.3	12

46	Specialized cranial muscles: how different are they from limb and abdominal muscles?. <i>Cells Tissues Organs</i> , 2003 , 174, 73-86	2.1	64
45	Acute molecular responses of skeletal muscle to resistance exercise in able-bodied and spinal cord-injured subjects. <i>Journal of Applied Physiology</i> , 2003 , 94, 2255-62	3.7	80
44	Transcriptional regulation of the type I myosin heavy chain gene in denervated rat soleus. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 284, C738-48	5.4	30
43	Nerve activity-independent regulation of skeletal muscle atrophy: role of MyoD and myogenin in satellite cells and myonuclei. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 285, C1161-73	5.4	101
42	Atrophy responses to muscle inactivity. II. Molecular markers of protein deficits. <i>Journal of Applied Physiology</i> , 2003 , 95, 791-802	3.7	91
41	Effect of cyclosporin A treatment on the in vivo regulation of type I MHC gene expression. <i>Journal of Applied Physiology</i> , 2004 , 97, 475-83	3.7	20
40	Cloning and sequencing of myosin heavy chain isoform cDNAs in golden-mantled ground squirrels: effects of hibernation on mRNA expression. <i>Journal of Applied Physiology</i> , 2004 , 97, 1985-91	3.7	19
39	Inhibition of MAP/ERK kinase prevents IGF-I-induced hypertrophy in rat muscles. <i>Journal of Applied Physiology</i> , 2004 , 96, 203-10	3.7	89
38	Skeletal muscle hypertrophy in response to isometric, lengthening, and shortening training bouts of equivalent duration. <i>Journal of Applied Physiology</i> , 2004 , 96, 1613-8	3.7	84
37	Effects of denervation on cell cycle control in laryngeal muscle. <i>JAMA Otolaryngology</i> , 2004 , 130, 1056-68		26
36	Myosin heavy chain isoform mRNA and protein levels after long-term paralysis. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 325, 296-301	3.4	14
35	IL-6-induced skeletal muscle atrophy. <i>Journal of Applied Physiology</i> , 2005 , 98, 911-7	3.7	386
34	Pretranslational markers of contractile protein expression in human skeletal muscle: effect of limb unloading plus resistance exercise. <i>Journal of Applied Physiology</i> , 2005 , 98, 46-52	3.7	56
33	Phytoestrogen-rich herb formula "XLGB" prevents OVX-induced deterioration of musculoskeletal tissues at the hip in old rats. <i>Journal of Bone and Mineral Metabolism</i> , 2005 , 23 Suppl, 55-61	2.9	59
32	Effect of unloading on type I myosin heavy chain gene regulation in rat soleus muscle. <i>Journal of Applied Physiology</i> , 2005 , 98, 1185-94	3.7	24
31	Time course of molecular responses of human skeletal muscle to acute bouts of resistance exercise. <i>Journal of Applied Physiology</i> , 2005 , 98, 482-8	3.7	129
30	Myosin loss in denervated rat soleus muscle after dexamethasone treatment. <i>Pathobiology</i> , 2005 , 72, 108-16	3.6	22
29	Functional, cellular and molecular aspects of skeletal muscle recovery after injury induced by snake venom from <i>Notechis scutatus scutatus</i> . <i>Toxicon</i> , 2005 , 45, 789-801	2.8	18

28	Quantification by real-time PCR of developmental and adult myosin mRNA in rat muscles. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 340, 165-74	3.4	12
27	Mechanisms underlying myosin heavy chain expression during development of the rat diaphragm muscle. <i>Journal of Applied Physiology</i> , 2006 , 101, 1546-55	3.7	33
26	Effects of a nerve-muscle pedicle on the denervated rat thyroarytenoid muscle. <i>Laryngoscope</i> , 2006 , 116, 1027-32	3.6	21
25	Maintenance of slow type I myosin protein and mRNA expression in overwintering prairie dogs (<i>Cynomys leucurus</i> and <i>ludovicianus</i>) and black bears (<i>Ursus americanus</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2006 , 176, 709-20	2.2	32
24	Activity-unrelated neural control of myogenic factors in a slow muscle. <i>Muscle and Nerve</i> , 2006 , 33, 49-60	3.4	35
23	Obscurin modulates the assembly and organization of sarcomeres and the sarcoplasmic reticulum. <i>FASEB Journal</i> , 2006 , 20, 2102-11	0.9	82
22	Dynamics of myosin heavy chain gene regulation in slow skeletal muscle: role of natural antisense RNA. <i>Journal of Biological Chemistry</i> , 2006 , 281, 38330-42	5.4	43
21	Effects of CD14-159 C/T polymorphism on CD14 expression and the balance between proinflammatory and anti-inflammatory cytokines in whole blood culture. <i>Shock</i> , 2007 , 28, 148-53	3.4	27
20	Controlled differentiation of myoblast cells into fast and slow muscle fibers. <i>Cell and Tissue Research</i> , 2008 , 332, 123-32	4.2	16
19	Influence of hyperthyroid conditions on gene expression in extraocular muscles of rats. <i>Physiological Genomics</i> , 2009 , 37, 231-8	3.6	5
18	Differential epigenetic modifications of histones at the myosin heavy chain genes in fast and slow skeletal muscle fibers and in response to muscle unloading. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 297, C6-16	5.4	58
17	Calcineurin plays a modulatory role in loading-induced regulation of type I myosin heavy chain gene expression in slow skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 297, R1037-48	3.2	16
16	Influence of CD14 polymorphism on CD14 expression in patients with extensive burns. <i>Burns</i> , 2009 , 35, 365-71	2.3	5
15	Skeletal muscle growth in young rats is inhibited by chronic exposure to IL-6 but preserved by concurrent voluntary endurance exercise. <i>Journal of Applied Physiology</i> , 2009 , 106, 443-53	3.7	55
14	RT-PCR protocols. Preface. <i>Methods in Molecular Biology</i> , 2010 , 630, v	1.4	3
13	Gene-family profiling: a normalization-free real-time RT-PCR approach with increased physiological resolution. <i>Physiological Genomics</i> , 2010 , 42, 1-4	3.6	16
12	Reverse transcription of the ribonucleic acid: the first step in RT-PCR assay. <i>Methods in Molecular Biology</i> , 2010 , 630, 261-70	1.4	5
11	Increased cardiac alpha-myosin heavy chain in left atria and decreased myocardial insulin-like growth factor (Igf-I) expression accompany low heart rate in hibernating grizzly bears. <i>Physiological and Biochemical Zoology</i> , 2011 , 84, 1-17	2	14

10	Muscle plasticity in hibernating ground squirrels (<i>Spermophilus lateralis</i>) is induced by seasonal, but not low-temperature, mechanisms. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2011 , 181, 147-64	2.2	52
9	Characterization of human myoblast differentiation for tissue-engineering purposes by quantitative gene expression analysis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011 , 5, e197-206	4.4	13
8	Impact of static magnetic fields on human myoblast cell cultures. <i>International Journal of Molecular Medicine</i> , 2011 , 28, 907-17	4.4	8
7	Regulation of an antisense RNA with the transition of neonatal to IIb myosin heavy chain during postnatal development and hypothyroidism in rat skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R854-67	3.2	12
6	Increase in cardiac myosin heavy-chain (MyHC) alpha protein isoform in hibernating ground squirrels, with echocardiographic visualization of ventricular wall hypertrophy and prolonged contraction. <i>Journal of Experimental Biology</i> , 2013 , 216, 4678-90	3	21
5	Evaluation of the effects of different culture media on the myogenic differentiation potential of adipose tissue- or bone marrow-derived human mesenchymal stem cells. <i>International Journal of Molecular Medicine</i> , 2014 , 33, 160-70	4.4	40
4	Evaluation of the effect of static magnetic fields combined with human hepatocyte growth factor on human satellite cell cultures. <i>Molecular Medicine Reports</i> , 2014 , 9, 2328-34	2.9	3
3	Expression of MyHC isoforms mRNA transcripts in different regions of the masseter and medial pterygoid muscles in chimpanzees. <i>Archives of Oral Biology</i> , 2017 , 83, 63-67	2.8	1
2	Regulation of myosin heavy chain antisense long noncoding RNA in human vastus lateralis in response to exercise training. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 318, C931-C942	5.4	3
1	Comparison of myosin heavy chain mRNAs, protein isoforms and fiber type proportions in the rat slow and fast muscles. <i>Physiological Research</i> , 2013 , 62, 445-53	2.1	13