

Tumor necrosis factor-alpha and muscle wasting: a cell

Respiratory Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular Events in Skeletal Muscle During Disuse Atrophy. <i>Exercise and Sport Sciences Reviews</i> , 2002, 30, 111-116.	1.6	84
2	Strenuous Resistive Breathing Induces Plasma Cytokines. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 1572-1578.	2.5	64
3	Novel therapies for sarcopenia: ameliorating age-related changes in skeletal muscle. <i>Expert Opinion on Therapeutic Patents</i> , 2002, 12, 11-27.	2.4	12
4	What's in the Pipeline? Prospects for Monoclonal Antibodies (mAbs) as Therapies for Lung Diseases. <i>Pulmonary Pharmacology and Therapeutics</i> , 2002, 15, 409-416.	1.1	19
5	Epstein-barr virus latent membrane protein-1 mediates upregulation of tumor necrosis factor- α in EBV-infected T cells: Implications for the pathogenesis of hemophagocytic syndrome. <i>Journal of Biomedical Science</i> , 2003, 10, 146-155.	2.6	11
6	Circulating levels of TNF- α and IL-6-relation to truncal fat mass and muscle mass in healthy elderly individuals and in patients with type-2 diabetes. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 495-502.	2.2	288
7	Predicting death from tumour necrosis factor- α and interleukin-6 in 80-year-old people. <i>Clinical and Experimental Immunology</i> , 2003, 132, 24-31.	1.1	238
8	Elevated levels of tumor necrosis factor alpha and mortality in centenarians. <i>American Journal of Medicine</i> , 2003, 115, 278-283.	0.6	270
9	Protein deficiency and muscle damage in carbon tetrachloride induced liver cirrhosis. <i>Food and Chemical Toxicology</i> , 2003, 41, 1789-1797.	1.8	11
10	Age-related inflammatory cytokines and disease. <i>Immunology and Allergy Clinics of North America</i> , 2003, 23, 15-39.	0.7	504
11	Mechanical stress activates the nuclear factor- κ B pathway in skeletal muscle fibers: a possible role in Duchenne muscular dystrophy. <i>FASEB Journal</i> , 2003, 17, 386-396.	0.2	244
12	Cytokine-induced Patterns of Gene Expression in Skeletal Muscle Tissue. <i>Journal of Biological Chemistry</i> , 2003, 278, 32324-32334.	1.6	13
13	TNF- α increases ubiquitin-conjugating activity in skeletal muscle by up-regulating UbcH2/E220k. <i>FASEB Journal</i> , 2003, 17, 1048-1057.	0.2	218
14	Effects of Testosterone Replacement and/or Resistance Training on Interleukin-6, Tumor Necrosis Factor Alpha, and Leptin in Elderly Men Ingesting Megestrol Acetate: A Randomized Controlled Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2003, 58, M165-M170.	1.7	39
15	Title is missing!. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2003, 6, 407-412.	1.3	10
16	Mechanisms of skeletal muscle depletion in wasting syndromes: role of ATP-ubiquitin-dependent proteolysis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2003, 6, 407-412.	1.3	62
17	Longitudinal study of nutritional status, body composition, and physical function in hemodialysis patients. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 842-846.	2.2	159
18	Absence of peripheral blood mononuclear cells priming in hemodialysis patients. <i>Brazilian Journal of Medical and Biological Research</i> , 2003, 36, 219-225.	0.7	2

#	ARTICLE	IF	CITATIONS
19	The role of Id2 and apoptosis during skeletal muscle remodeling. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 284, R538-R539.	0.9	7
20	Effects of Testosterone and Resistance Training in Men with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 870-878.	2.5	332
21	Differential Cytokine Gene Expression in the Diaphragm in Response to Strenuous Resistive Breathing. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 154-161.	2.5	78
22	The immune response to resistive breathing: Implications for respiratory failure. Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine, 2004, 15, 131-144.	0.1	0
23	The immune response to resistive breathing. European Respiratory Journal, 2004, 24, 1033-1043.	3.1	48
24	Targeting the Immune System to Improve Ventilatory Function in Muscular Dystrophy. Medicine and Science in Sports and Exercise, 2004, 36, 44-51.	0.2	42
25	Inactivity and Inflammation. AACN Advanced Critical Care, 2004, 15, 74-82.	1.9	56
26	Skeletal muscle atrophy leads to loss and dysfunction of muscle precursor cells. American Journal of Physiology - Cell Physiology, 2004, 287, C1753-C1762.	2.1	103
27	Is loaded breathing an inflammatory stimulus?. Current Opinion in Critical Care, 2005, 11, 1-9.	1.6	11
28	Interleukin-15 stimulates adiponectin secretion by 3T3-L1 adipocytes: Evidence for a skeletal muscle-to-fat signaling pathway. Cell Biology International, 2005, 29, 449-457.	1.4	148
29	Oxygen in the Cultivation of Stem Cells. Annals of the New York Academy of Sciences, 2005, 1049, 1-8.	1.8	232
30	Dystrophin glycoprotein complex dysfunction: A regulatory link between muscular dystrophy and cancer cachexia. Cancer Cell, 2005, 8, 421-432.	7.7	260
31	Angiotensin-Converting Enzyme Inhibition Intervention in Elderly Persons: Effects on Body Composition and Physical Performance. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 1437-1446.	1.7	70
32	Physical activity and modulation of systemic low-level inflammation. Journal of Leukocyte Biology, 2005, 78, 819-835.	1.5	325
33	Muscle fiber-specific apoptosis and TNF- α signaling in sarcopenia are attenuated by life-long calorie restriction. FASEB Journal, 2005, 19, 1-33.	0.2	251
34	Annotated Patent Selections. Expert Opinion on Therapeutic Patents, 2005, 15, 715-739.	2.4	0
35	Effects of dietary curcumin or N-acetylcysteine on NF- κ B activity and contractile performance in ambulatory and unloaded murine soleus. Nutrition and Metabolism, 2005, 2, 20.	1.3	43
36	Treatment of Sarcopenia and Cachexia in the Elderly., 2006., 719-730.		0

#	ARTICLE	IF	CITATIONS
37	Pathophysiology of Body Composition Changes in Elderly People. , 2006, , 369-375.		6
38	Lipid Peroxidation Inhibition Blunts Nuclear Factor- κ B Activation, Reduces Skeletal Muscle Degeneration, and Enhances Muscle Function in mdx Mice. American Journal of Pathology, 2006, 168, 918-926.	1.9	105
39	Amino Acid and Protein Kinetics in Renal Failure: An Integrated Approach. Seminars in Nephrology, 2006, 26, 158-166.	0.6	25
40	Chronic Obstructive Pulmonary Disease, inflammation and co-morbidity â€“ a common inflammatory phenotype?. Respiratory Research, 2006, 7, 70.	1.4	198
41	Nuclear factor kappa-B blockade reduces skeletal muscle degeneration and enhances muscle function in Mdx mice. Experimental Neurology, 2006, 198, 234-241.	2.0	128
42	TNF- α inhibits adult fast myosin accumulation in myotubes. Cytokine, 2006, 35, 154-158.	1.4	5
43	Immune activation is associated with reduced skeletal muscle mass and physical function in chronic heart failure. International Journal of Cardiology, 2006, 109, 179-187.	0.8	92
44	First evaluation of the potential effectiveness in muscular dystrophy of a novel chimeric compound, BN 82270, acting as calpain-inhibitor and anti-oxidant. Neuromuscular Disorders, 2006, 16, 237-248.	0.3	41
45	Randomized phase 2 trial of anti-tumor necrosis factor therapy for cachexia in patients with early rheumatoid arthritis. American Journal of Clinical Nutrition, 2006, 84, 1463-1472.	2.2	171
46	Inflammatory factors in age-related muscle wasting. Current Opinion in Rheumatology, 2006, 18, 625-630.	2.0	96
47	Counteracting muscle wasting in HIV-infected individuals. HIV Medicine, 2006, 7, 299-310.	1.0	111
48	Skeletal muscle atrophy increases cell proliferation in mice gastrocnemius during the first week of hindlimb suspension. European Journal of Applied Physiology, 2006, 97, 340-346.	1.2	43
49	Reactive nitrogen species induce nuclear factor- κ B-mediated protein degradation in skeletal muscle cells. Free Radical Biology and Medicine, 2006, 40, 2112-2125.	1.3	52
50	Atrophy-related ubiquitin ligases, atrogin-1 and MuRF1 are up-regulated in aged rat Tibialis Anterior muscle. Mechanisms of Ageing and Development, 2006, 127, 794-801.	2.2	185
51	Intracellular signaling during skeletal muscle atrophy. Muscle and Nerve, 2006, 33, 155-165.	1.0	329
52	PGC-1 α protects skeletal muscle from atrophy by suppressing FoxO3 action and atrophy-specific gene transcription. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16260-16265.	3.3	841
53	Training Depletes Muscle Glutathione in Patients with Chronic Obstructive Pulmonary Disease and Low Body Mass Index. Respiration, 2006, 73, 757-761.	1.2	52
54	A Membrane Form of TNF- α Presented by Exosomes Delays T Cell Activation-Induced Cell Death. Journal of Immunology, 2006, 176, 7385-7393.	0.4	247

#	ARTICLE	IF	CITATIONS
55	Muscle cachexia is regulated by a p53-PW1/Peg3-dependent pathway. <i>Genes and Development</i> , 2006, 20, 3440-3452.	2.7	104
56	IFN- γ does not mimic the catabolic effects of TNF- α . <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C1947-C1952.	2.1	26
57	Apoptosis and Id2 expression in diaphragm and soleus muscle from the emphysematous hamster. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R135-R144.	0.9	31
58	Chapter 20 Physical Therapy Management of Pediatric Rheumatology Conditions. <i>Handbook of Systemic Autoimmune Diseases</i> , 2007, , 251-268.	0.1	0
59	NF- κ B Regulation of YY1 Inhibits Skeletal Myogenesis through Transcriptional Silencing of Myofibrillar Genes. <i>Molecular and Cellular Biology</i> , 2007, 27, 4374-4387.	1.1	236
60	Rapid disuse and denervation atrophy involve transcriptional changes similar to those of muscle wasting during systemic diseases. <i>FASEB Journal</i> , 2007, 21, 140-155.	0.2	495
61	TNF- α -related weak inducer of apoptosis (TWEAK) is a potent skeletal muscle- α wasting cytokine. <i>FASEB Journal</i> , 2007, 21, 1857-1869.	0.2	204
63	Viral-mediated gene therapy for the muscular dystrophies: Successes, limitations and recent advances. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2007, 1772, 243-262.	1.8	90
64	Tumour necrosis factor (TNF)- α as a regulator of fat tissue mass in the Mediterranean gilthead sea bream (<i>Sparus aurata</i> L.). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 146, 338-345.	0.7	34
65	Systemic Inflammation and Skeletal Muscle Dysfunction in Chronic Obstructive Pulmonary Disease: A State of the Art and Novel Insights in Regulation of Muscle Plasticity. <i>Clinics in Chest Medicine</i> , 2007, 28, 537-552.	0.8	50
66	Inactivity and Inflammation in the Critically Ill Patient. <i>Critical Care Clinics</i> , 2007, 23, 21-34.	1.0	90
67	Proinflammatory Cytokines and Insulin Resistance in Nonobese Women with High Body Fat and Low Fat Free Mass. <i>The Journal of Korean Diabetes Association</i> , 2007, 31, 136.	0.1	2
68	Episodic hypoxia exacerbates respiratory muscle dysfunction in DMD ^{mdx} mice. <i>Muscle and Nerve</i> , 2007, 36, 708-710.	1.0	21
69	Role of tumour necrosis factor α , but not of cyclo-oxygenase-2-derived eicosanoids, on functional and morphological indices of dystrophic progression in mdx mice: a pharmacological approach. <i>Neuropathology and Applied Neurobiology</i> , 2007, 33, 344-359.	1.8	51
70	The role of hormones, cytokines and heat shock proteins during age-related muscle loss. <i>Clinical Nutrition</i> , 2007, 26, 524-534.	2.3	108
71	Hyperinsulinemia in pediatric patients with chronic kidney disease: the role of tumor necrosis factor- α . <i>Pediatric Nephrology</i> , 2007, 22, 1751-1756.	0.9	25
72	Mitochondrial dysfunction activates cyclooxygenase 2 expression in cultured normal human chondrocytes. <i>Arthritis and Rheumatism</i> , 2008, 58, 2409-2419.	6.7	86
73	Physical Activity, Inflammation, and Muscle Loss. <i>Nutrition Reviews</i> , 2007, 65, S208-S212.	2.6	57

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74	Sickness behavior, its mechanisms and significance. <i>Animal Health Research Reviews</i> , 2008, 9, 87-99.	1.4	92
75	Impaired isotonic contractility and structural abnormalities in the diaphragm of congestive heart failure rats. <i>International Journal of Cardiology</i> , 2008, 128, 326-335.	0.8	24
76	The Cytokine Basis of Cachexia and its Treatment: Are They Ready for Prime Time?. <i>Journal of the American Medical Directors Association</i> , 2008, 9, 219-236.	1.2	57
77	Effectiveness of infliximab in the treatment of refractory juvenile dermatomyositis with calcinosis. <i>Rheumatology</i> , 2008, 47, 877-880.	0.9	187
78	Complex chronic comorbidities of COPD. <i>European Respiratory Journal</i> , 2008, 31, 204-212.	3.1	538
79	TNF- α acts via TNFR1 and muscle-derived oxidants to depress myofibrillar force in murine skeletal muscle. <i>Journal of Applied Physiology</i> , 2008, 104, 694-699.	1.2	118
80	TNF promoter polymorphisms associated with muscle phenotypes in humans. <i>Journal of Applied Physiology</i> , 2008, 105, 859-867.	1.2	19
81	Role of the renin-angiotensin system in age-related sarcopenia and diastolic dysfunction. <i>Aging Health</i> , 2008, 4, 37-46.	0.3	13
82	Interleukin-15: A muscle-derived cytokine regulating fat-to-lean body composition ^{1,2} . <i>Journal of Animal Science</i> , 2008, 86, E75-E83.	0.2	69
83	The repeatability of interleukin-6, tumor necrosis factor- α , and C-reactive protein in COPD patients over one year. <i>International Journal of COPD</i> , 2009, 4, 149.	0.9	42
84	Higher Inflammatory Marker Levels in Older Persons: Associations With 5-Year Change in Muscle Mass and Muscle Strength. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 1183-1189.	1.7	534
85	Oversecretion of interleukin-15 from skeletal muscle reduces adiposity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E191-E202.	1.8	208
86	Doxorubicin acts through tumor necrosis factor receptor subtype 1 to cause dysfunction of murine skeletal muscle. <i>Journal of Applied Physiology</i> , 2009, 107, 1935-1942.	1.2	84
87	Interleukin-1 stimulates catabolism in C2C12 myotubes. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C706-C714.	2.1	128
88	PPAR δ inhibits NF- κ B-dependent transcriptional activation in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E174-E183.	1.8	155
90	The Effect of Iron Oxide Magnetic Nanoparticles on Smooth Muscle Cells. <i>Nanoscale Research Letters</i> , 2009, 4, .	3.1	52
91	Bench-to-bedside review: Mobilizing patients in the intensive care unit "from pathophysiology to clinical trials. <i>Critical Care</i> , 2009, 13, 216.	2.5	230
92	Respiratory muscle fiber remodeling in chronic hyperinflation: dysfunction or adaptation?. <i>Journal of Applied Physiology</i> , 2009, 107, 324-335.	1.2	54

#	ARTICLE	IF	CITATIONS
93	Association Between Inflammatory Components and Physical Function in the Health, Aging, and Body Composition Study: A Principal Component Analysis Approach. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 581-589.	1.7	105
94	Immune-Mediated Mechanisms Potentially Regulate the Disease Time-Course of Duchenne Muscular Dystrophy and Provide Targets for Therapeutic Intervention. <i>PM and R</i> , 2009, 1, 755-768.	0.9	83
95	COPD phenotype description using principal components analysis. <i>Respiratory Research</i> , 2009, 10, 41.	1.4	53
96	Dysregulated Intracellular Signaling and Inflammatory Gene Expression During Initial Disease Onset in Duchenne Muscular Dystrophy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009, 88, 502-522.	0.7	76
97	Pathogenesis of muscle wasting in cancer cachexia: targeted anabolic and anticatabolic therapies. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 410-416.	1.3	43
98	Targeting inflammation to slow or delay functional decline: where are we?. <i>Biogerontology</i> , 2010, 11, 603-614.	2.0	29
99	Frailty, inflammation and the elderly. <i>Biogerontology</i> , 2010, 11, 635-641.	2.0	128
100	Differential inflammatory responses in aging and disease: TNF- α and IL-6 as possible biomarkers. <i>Free Radical Biology and Medicine</i> , 2010, 49, 733-737.	1.3	125
101	Dietary implications on mechanisms of sarcopenia: roles of protein, amino acids and antioxidants. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 1-13.	1.9	173
102	Dual drug loaded superparamagnetic iron oxide nanoparticles for targeted cancer therapy. <i>Biomaterials</i> , 2010, 31, 3694-3706.	5.7	359
103	Melatonin treatment normalizes plasma pro-inflammatory cytokines and nitrosative/oxidative stress in patients suffering from Duchenne muscular dystrophy. <i>Journal of Pineal Research</i> , 2010, 48, 282-289.	3.4	130
104	The role of systemic inflammation in age-related muscle weakness and wasting. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 28-38.	1.3	157
105	Chronic obstructive pulmonary disease: an update of treatment related to frequently associated comorbidities. <i>Therapeutic Advances in Chronic Disease</i> , 2010, 1, 43-57.	1.1	11
106	Oxidative Stress, Molecular Inflammation and Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2010, 11, 1509-1526.	1.8	394
107	NF- κ B Signaling: A Tale of Two Pathways in Skeletal Myogenesis. <i>Physiological Reviews</i> , 2010, 90, 495-511.	13.1	158
108	Cellular Prion Protein Promotes Regeneration of Adult Muscle Tissue. <i>Molecular and Cellular Biology</i> , 2010, 30, 4864-4876.	1.1	58
109	Investigating activity in hospitalized patients with chronic obstructive pulmonary disease: A pilot study. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2010, 39, 319-330.	0.8	13
110	Muscle Pain: Understanding the Mechanisms. , 2010, , .		44

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111	Effects of concurrent training on interleukin-6, tumour necrosis factor-alpha and C-reactive protein in middle-aged men. <i>Journal of Sports Sciences</i> , 2011, 29, 1573-1581.	1.0	35
112	The Effect of Three Days of Judo Training Sessions on the Inflammatory Response and Oxidative Stress Markers. <i>Journal of Human Kinetics</i> , 2011, 30, 65-73.	0.7	18
113	Tumor necrosis factor alpha (TNF- α) inactivates the PI3-kinase/PKB pathway and induces atrophy and apoptosis in L6 myotubes. <i>Cytokine</i> , 2011, 54, 173-184.	1.4	68
115	Overexpression of interleukin-15 in mice promotes resistance to diet-induced obesity, increased insulin sensitivity, and markers of oxidative skeletal muscle metabolism. <i>International Journal of Interferon, Cytokine and Mediator Research</i> , 2011, 3, 29.	1.1	34
116	Protein and Amino Acid Supplementation Does Not Alter Proteolytic Gene Expression following Immobilization. <i>Journal of Nutrition and Metabolism</i> , 2011, 2011, 1-9.	0.7	10
117	Beyond atrophy: redox mechanisms of muscle dysfunction in chronic inflammatory disease. <i>Journal of Physiology</i> , 2011, 589, 2171-2179.	1.3	100
118	Anti-inflammatory therapies in cancer cachexia. <i>European Journal of Pharmacology</i> , 2011, 668, S81-S86.	1.7	63
119	Tumor necrosis factor-alpha as a potential therapeutic target in idiopathic inflammatory myopathies. <i>Journal of Neurology</i> , 2011, 258, 961-970.	1.8	16
120	Sarcopenia – pathophysiology and clinical relevance. <i>Wiener Medizinische Wochenschrift</i> , 2011, 161, 402-408.	0.5	40
121	Health-related quality of life of survivors of penetrating trunk trauma in Johannesburg, South Africa. <i>European Journal of Trauma and Emergency Surgery</i> , 2011, 37, 419-426.	0.8	6
122	Oxidative stress, frailty and cognitive decline. <i>Journal of Nutrition, Health and Aging</i> , 2011, 15, 756-760.	1.5	113
123	Exercise and duchenne muscular dystrophy: Toward evidence-based exercise prescription. <i>Muscle and Nerve</i> , 2011, 43, 464-478.	1.0	64
124	The Multiple Components of COPD. , 2011, , 1-20.		2
125	Sca-1 is negatively regulated by TGF β 2 in myogenic cells. <i>FASEB Journal</i> , 2011, 25, 1156-1165.	0.2	20
126	Chronic Exercise Training Down-Regulates TNF- α and Atrogin-1/MAFbx in Mouse Gastrocnemius Muscle Atrophy Induced by Hindlimb Unloading. <i>Acta Histochemica Et Cytochemica</i> , 2012, 45, 343-349.	0.8	19
127	Interaction between cytokine gene polymorphisms and the effect of physical exercise on clinical and inflammatory parameters in older women: study protocol for a randomized controlled trial. <i>Trials</i> , 2012, 13, 134.	0.7	12
128	TNF- α - and tumor-induced skeletal muscle atrophy involves sphingolipid metabolism. <i>Skeletal Muscle</i> , 2012, 2, 2.	1.9	102
130	Sarcopenia and Age-Related Endocrine Function. <i>International Journal of Endocrinology</i> , 2012, 2012, 1-10.	0.6	129

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131	Sarcopenia and its determinants among Iranian elderly (SARIR): study protocol. <i>Journal of Diabetes and Metabolic Disorders</i> , 2012, 11, 23.	0.8	18
132	Envelhecimento, estresse oxidativo e sarcopenia: uma abordagem sistêmica. <i>Revista Brasileira De Geriatria E Gerontologia</i> , 2012, 15, 365-380.	0.1	35
133	The Effect of Physiological Stimuli on Sarcopenia; Impact of Notch and Wnt Signaling on Impaired Aged Skeletal Muscle Repair. <i>International Journal of Biological Sciences</i> , 2012, 8, 731-760.	2.6	94
134	Sarcopenia and cachexia: the adaptations of negative regulators of skeletal muscle mass. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2012, 3, 77-94.	2.9	103
135	Large-scale isolation of human skeletal muscle satellite cells from post-mortem tissue and development of quantitative assays to evaluate modulators of myogenesis. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2013, 4, 157-169.	2.9	30
136	Myostatin/activin pathway antagonism: Molecular basis and therapeutic potential. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2333-2347.	1.2	232
137	Targeted immunotherapy trials for idiopathic inflammatory myopathies. <i>Journal of Neurology</i> , 2013, 260, 368-385.	1.8	1
138	TNF- α , IL6, and IL10 polymorphisms and the effect of physical exercise on inflammatory parameters and physical performance in elderly women. <i>Age</i> , 2013, 35, 2455-2463.	3.0	29
139	Muscle Growth, Repair and Preservation. , 2013, , 247-263.		1
140	Phospholipase D regulates the size of skeletal muscle cells through the activation of mTOR signaling. <i>Cell Communication and Signaling</i> , 2013, 11, 55.	2.7	34
141	Parthenolide from <i>Parthenium integrifolium</i> reduces tumor burden and alleviate cachexia symptoms in the murine CT-26 model of colorectal carcinoma. <i>Phytomedicine</i> , 2013, 20, 992-998.	2.3	22
142	Osteoporosis in chronic inflammatory disease: the role of malnutrition. <i>Endocrine</i> , 2013, 43, 59-64.	1.1	62
143	Muscle wasting in heart failure: An overview. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2257-2265.	1.2	106
144	Proinflammatory Cytokines, Aging, and Age-Related Diseases. <i>Journal of the American Medical Directors Association</i> , 2013, 14, 877-882.	1.2	781
145	The mechanisms of cachexia underlying muscle dysfunction in COPD. <i>Journal of Applied Physiology</i> , 2013, 114, 1253-1262.	1.2	120
146	Sarcopenic Obesity and Endocrinal Adaptation with Age. <i>International Journal of Endocrinology</i> , 2013, 1-12.	0.6	123
147	Effects of glutamine supplementation on muscle function and stress responses in a mouse model of spinal cord injury. <i>Experimental Physiology</i> , 2013, 98, 796-806.	0.9	10
148	ROS and RNS Signaling in Skeletal Muscle: Critical Signals and Therapeutic Targets. <i>Annual Review of Nursing Research</i> , 2013, 31, 367-387.	0.7	10

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149	Lead-Induced Reduction In Body And Kidney Weight Of Wistar Albino Rats Ameliorated By Ginkgo Biloba Extract (EGb 761). <i>Biochemistry & Physiology</i> , 2013, 02, .	0.2	9
150	The Course of Serum Inflammatory Biomarkers Following Whiplash Injury and Their Relationship to Sensory and Muscle Measures: a Longitudinal Cohort Study. <i>PLoS ONE</i> , 2013, 8, e77903.	1.1	37
151	Muscle Wasting, Dysfunction, and Inflammaging. , 2014, , 247-254.		2
152	From endocrine to rheumatism: do gut hormones play roles in rheumatoid arthritis?. <i>Rheumatology</i> , 2014, 53, 205-212.	0.9	24
153	Co-activator binding protein PIMT mediates TNF α induced insulin resistance in skeletal muscle via the transcriptional down-regulation of MEF2A and GLUT4. <i>Scientific Reports</i> , 2015, 5, 15197.	1.6	25
154	Myokine interleukin-15 expression profile is different in suckling and weaning piglets. <i>Animal Nutrition</i> , 2015, 1, 30-35.	2.1	24
155	Impact of 14-day bed rest on serum adipokines and low-grade inflammation in younger and older adults. <i>Age</i> , 2015, 37, 116.	3.0	20
156	Comparison of Inflammatory Responses to a Soccer Match Between Elite Male and Female Players. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 1227-1233.	1.0	29
157	The Rapid and Progressive Degeneration of the Cervical Multifidus in Whiplash. <i>Spine</i> , 2015, 40, E694-E700.	1.0	91
158	α ,25(OH) D_3 downregulates gene expression levels of muscle ubiquitin ligases MAFbx and MuRF1 in human myotubes. <i>Biomedical Research</i> , 2015, 36, 71-80.	0.3	21
159	Aerobic exercise training as therapy for cardiac and cancer cachexia. <i>Life Sciences</i> , 2015, 125, 9-14.	2.0	61
160	Asymmetry in CT Scan Measures of Thigh Muscle 2 Months After Hip Fracture: The Baltimore Hip Studies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1276-1280.	1.7	6
161	Muscle wasting in disease: molecular mechanisms and promising therapies. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 58-74.	21.5	792
162	Sarcopenia and the Common Mental Disorders: a Potential Regulatory Role of Skeletal Muscle on Brain Function?. <i>Current Osteoporosis Reports</i> , 2015, 13, 351-357.	1.5	65
163	Asymmetry in CT Scan Measures of Thigh Muscle 2 Months After Hip Fracture: The Baltimore Hip Studies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 753-756.	1.7	10
164	Fat infiltration of paraspinal muscles is associated with low back pain, disability, and structural abnormalities in community-based adults. <i>Spine Journal</i> , 2015, 15, 1593-1601.	0.6	188
165	Immunohistochemical detection and gene expression of TNF α in turbot (<i>Scophthalmus maximus</i>) enteromyxosis. <i>Fish and Shellfish Immunology</i> , 2015, 47, 368-376.	1.6	13
166	Inflammatory Mechanisms Associated with Skeletal Muscle Sequelae after Stroke: Role of Physical Exercise. <i>Mediators of Inflammation</i> , 2016, 2016, 1-19.	1.4	24

#	ARTICLE	IF	CITATIONS
167	Alteration of inflammatory cytokines, energy metabolic regulators, and muscle fiber type in the skeletal muscle of postweaning piglets. <i>Journal of Animal Science</i> , 2016, 94, 1064-1072.	0.2	9
168	Smad2/3 Proteins Are Required for Immobilization-induced Skeletal Muscle Atrophy. <i>Journal of Biological Chemistry</i> , 2016, 291, 12184-12194.	1.6	47
169	Impact of 24 Months of anti-TNF therapy versus methotrexate on body weight in patients with rheumatoid arthritis: a prospective observational study. <i>Clinical Rheumatology</i> , 2016, 35, 1615-1618.	1.0	15
170	Longitudinal Changes in Body Composition in Patients After Initiation of Hemodialysis Therapy: Results From an International Cohort. , 2016, 26, 72-80.		52
171	Resistance training improves inflammatory level, lipid and glycemic profiles in obese older women: A randomized controlled trial. <i>Experimental Gerontology</i> , 2016, 84, 80-87.	1.2	92
172	Mitofusin-2 prevents skeletal muscle wasting in cancer cachexia. <i>Oncology Letters</i> , 2016, 12, 4013-4020.	0.8	19
173	Cancer cachexia“when proteasomal inhibition is not enough. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 239-245.	2.9	14
174	Age-related sarcopenia and its pathophysiological bases. <i>Inflammation and Regeneration</i> , 2016, 36, 17.	1.5	60
175	Genetic variation and exercise-induced muscle damage: implications for athletic performance, injury and ageing. <i>European Journal of Applied Physiology</i> , 2016, 116, 1595-1625.	1.2	120
176	Manipulation of environmental oxygen modifies reactive oxygen and nitrogen species generation during myogenesis. <i>Redox Biology</i> , 2016, 8, 243-251.	3.9	13
177	The biochemical alterations underlying post-burn hypermetabolism. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2633-2644.	1.8	74
178	Fat mass and fat distribution are associated with low back pain intensity and disability: results from a cohort study. <i>Arthritis Research and Therapy</i> , 2017, 19, 26.	1.6	52
179	Dysferlinopathy Promotes an Intramuscle Expansion of Macrophages with a Cyto-Destructive Phenotype. <i>American Journal of Pathology</i> , 2017, 187, 1245-1257.	1.9	16
180	Genome Engineering of Stem Cells for Autonomously Regulated, Closed-Loop Delivery of Biologic Drugs. <i>Stem Cell Reports</i> , 2017, 8, 1202-1213.	2.3	71
181	Inflammation and age-associated skeletal muscle deterioration (sarcopaenia). <i>Journal of Orthopaedic Translation</i> , 2017, 10, 94-101.	1.9	87
182	TNF- \pm and cancer cachexia: Molecular insights and clinical implications. <i>Life Sciences</i> , 2017, 170, 56-63.	2.0	237
183	Skeletal muscle alterations in HFpEF vs. HFrEF. <i>Current Heart Failure Reports</i> , 2017, 14, 489-497.	1.3	39
184	Polystyrene“divinylbenzene based nano-CaCO ₃ composites for the efficient removal of human tumor necrosis factor- \pm . <i>Chemical Communications</i> , 2017, 53, 7744-7747.	2.2	14

#	ARTICLE	IF	CITATIONS
185	Matrix Metalloproteinase Responsive Delivery of Myostatin Inhibitors. <i>Pharmaceutical Research</i> , 2017, 34, 58-72.	1.7	22
186	Small molecule adiponectin receptor agonist GTDF protects against skeletal muscle atrophy. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 273-285.	1.6	25
187	Whey Protein Supplementation Improves Rehabilitation Outcomes in Hospitalized Geriatric Patients: A Double Blinded, Randomized Controlled Trial. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2017, 36, 149-165.	0.4	28
188	Disrupted Skeletal Muscle Mitochondrial Dynamics, Mitophagy, and Biogenesis during Cancer Cachexia: A Role for Inflammation. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	129
189	Are Antioxidants a Potential Therapy for FSHD? A Review of the Literature. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	1.9	19
190	Oxidative stress and immune system analysis after cycle ergometer use in critical patients. <i>Clinics</i> , 2017, 72, 143-149.	0.6	19
191	Ascorbic Acid Attenuates Multifidus Muscles Injury and Atrophy After Posterior Lumbar Spine Surgery by Suppressing Inflammation and Oxidative Stress in a Rat Model. <i>Spine</i> , 2018, 43, E1249-E1259.	1.0	7
192	GIT2â€”A keystone in ageing and age-related disease. <i>Ageing Research Reviews</i> , 2018, 43, 46-63.	5.0	29
193	Clinical Approach to Commonly Encountered Problems. , 2018, , 232-310.		8
194	S-allyl cysteine inhibits TNFÎ±-induced skeletal muscle wasting through suppressing proteolysis and expression of inflammatory molecules. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 895-906.	1.1	23
195	Attenuated strength gains during prolonged resistance exercise training in older adults with high inflammatory status. <i>Experimental Gerontology</i> , 2018, 106, 154-158.	1.2	18
196	Relationships between body temperatures and inflammation indicators under physiological and pathophysiological conditions in pigs exposed to systemic lipopolysaccharide and dietary deoxynivalenol. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 241-251.	1.0	20
197	Can muscle protein metabolism be specifically targeted by nutritional support and exercise training in chronic obstructive pulmonary disease?. <i>Journal of Thoracic Disease</i> , 2018, 10, S1377-S1389.	0.6	11
198	<sc>LPS</sc>â€”stimulated<sc>NF</sc>â€”p65 dynamic response marks the initiation of<sc>TNF</sc> expression and transition to<sc>IL</sc>â€”10 expression in<sc>RAW</sc>264.7 macrophages. <i>Physiological Reports</i> , 2018, 6, e13914.	0.7	50
199	Exploring the link between metabolic syndrome and risk of dysmobility syndrome in elderly population. <i>PLoS ONE</i> , 2018, 13, e0207608.	1.1	3
200	Elevated serum adiponectin and tumor necrosis factor-Î± and decreased transthyretin in Japanese elderly women with low grip strength and preserved muscle mass and insulin sensitivity. <i>BMJ Open Diabetes Research and Care</i> , 2018, 6, e000537.	1.2	3
201	Incorporation of macrophages into engineered skeletal muscle enables enhanced muscle regeneration. <i>Nature Biomedical Engineering</i> , 2018, 2, 942-954.	11.6	105
202	Local cyclical compression modulates macrophage function in situ and alleviates immobilization-induced muscle atrophy. <i>Clinical Science</i> , 2018, 132, 2147-2161.	1.8	19

#	ARTICLE	IF	CITATIONS
203	Myeloid cell-derived tumor necrosis factor- α promotes sarcopenia and regulates muscle cell fusion with aging muscle fibers. <i>Aging Cell</i> , 2018, 17, e12828.	3.0	51
204	Neuregulin-1 β modulates myogenesis in septic mouse serum-treated C2C12 myotubes in vitro through PPAR β /NF- κ B signaling. <i>Molecular Biology Reports</i> , 2018, 45, 1611-1619.	1.0	7
205	Role of Oxidative Stress as Key Regulator of Muscle Wasting during Cachexia. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-17.	1.9	152
206	The Beneficial Effects of Taurine to Counteract Sarcopenia. <i>Current Protein and Peptide Science</i> , 2018, 19, 673-680.	0.7	34
207	Involvement of cAMP/EPAC/Akt signaling in the antiproteolytic effects of pentoxifylline on skeletal muscles of diabetic rats. <i>Journal of Applied Physiology</i> , 2018, 124, 704-716.	1.2	20
208	Correlations between resistance training-induced changes on phase angle and biochemical markers in older women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 2173-2182.	1.3	34
209	High-density lipoprotein cholesterol is associated with multiple sclerosis fatigue: A fatigue-metabolism nexus?. <i>Journal of Clinical Lipidology</i> , 2019, 13, 654-663.e1.	0.6	17
210	Polycystic ovary syndrome is a risk factor for sarcopenic obesity: a case control study. <i>BMC Endocrine Disorders</i> , 2019, 19, 70.	0.9	13
211	Physical Exercise in the Oldest Old. , 2019, 9, 1281-1304.		79
212	The Role of Fibroblast Growth Factor 23 in Inflammation and Anemia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4195.	1.8	65
213	Adherence to Mediterranean Diet, Malnutrition, Length of Stay and Mortality in Elderly Patients Hospitalized in Internal Medicine Wards. <i>Nutrients</i> , 2019, 11, 790.	1.7	15
214	Differential ammonia metabolism and toxicity between avian and mammalian species, and effect of ammonia on skeletal muscle: A comparative review. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 774-785.	1.0	29
215	Modeling the Effect of TNF- α upon Drug-Induced Toxicity in Human, Tissue-Engineered Myobundles. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1596-1610.	1.3	6
216	Pharmacological management of cardiac cachexia: a review of potential therapy options. <i>Heart Failure Reviews</i> , 2019, 24, 617-623.	1.7	8
217	Mechanisms Underlying Metabolic Syndrome-Related Sarcopenia and Possible Therapeutic Measures. <i>International Journal of Molecular Sciences</i> , 2019, 20, 647.	1.8	90
218	Elevated serum adiponectin, elevated tumor necrosis factor- α and decreased transthyretin in Japanese elderly women with low grip strength and preserved insulin sensitivity. <i>BMJ Open Diabetes Research and Care</i> , 2019, 7, e000675.	1.2	0
219	Natural constituents from food sources: potential therapeutic agents against muscle wasting. <i>Food and Function</i> , 2019, 10, 6967-6986.	2.1	9
220	Muscle Growth, Repair, and Preservation. , 2019, , 291-308.		0

#	ARTICLE	IF	CITATIONS
221	Understanding the Physiological Links Between Physical Frailty and Cognitive Decline. , 2020, 11, 405.		62
222	Lean Mass Abnormalities in Heart Failure: The Role of Sarcopenia, Sarcopenic Obesity, and Cachexia. Current Problems in Cardiology, 2020, 45, 100417.	1.1	93
223	Circulatory factors associated with function and prognosis in patients with severe heart failure. Clinical Research in Cardiology, 2020, 109, 655-672.	1.5	19
224	Nutritional status as the risk factor of serious infection in patients with rheumatoid arthritis. Modern Rheumatology, 2020, 30, 982-989.	0.9	9
225	Serum amyloid A1 mediates myotube atrophy via Toll-like receptors. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 103-119.	2.9	40
226	Effect of citrulline on muscle protein turnover in an in vitro model of muscle catabolism. Nutrition, 2020, 71, 110597.	1.1	5
227	The association of asthma and its subgroups with osteoporosis: a cross-sectional study using KoGES HEXA data. Allergy, Asthma and Clinical Immunology, 2020, 16, 84.	0.9	4
228	New understanding of the pathogenesis and treatment of stroke-related sarcopenia. Biomedicine and Pharmacotherapy, 2020, 131, 110721.	2.5	45
229	Differential effects of right and left heart failure on skeletal muscle in rats. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 1830-1849.	2.9	13
230	Musculoskeletal Consequences of COVID-19. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1197-1204.	1.4	259
231	Sarcopenia in chronic liver disease: mechanisms and countermeasures. American Journal of Physiology - Renal Physiology, 2021, 320, G241-G257.	1.6	33
232	Preclinical Evaluation of a Food-Derived Functional Ingredient to Address Skeletal Muscle Atrophy. Nutrients, 2020, 12, 2274.	1.7	13
233	Muscle function impairment in cancer patients in pre-cachexia stage. European Journal of Translational Myology, 2020, 30, 258-267.	0.8	5
234	Redox modulation of muscle mass and function. Redox Biology, 2020, 35, 101531.	3.9	27
235	ZNF746/PARIS overexpression induces cellular senescence through FoxO1/p21 axis activation in myoblasts. Cell Death and Disease, 2020, 11, 359.	2.7	14
236	Functionalized Carbon Nanotube-Embedded Poly(vinyl alcohol) Microspheres for Efficient Removal of Tumor Necrosis Factor- α . ACS Biomaterials Science and Engineering, 2020, 6, 4722-4730.	2.6	7
237	The Echo of Pulmonary Tuberculosis: Mechanisms of Clinical Symptoms and Other Disease-Induced Systemic Complications. Clinical Microbiology Reviews, 2020, 33, .	5.7	31
238	Assessment of Body Weight Changes in Patients with Inflammatory Bowel Diseases Initiating Biologic Therapy: A Prospective Cohort Study. Digestive Diseases and Sciences, 2020, 65, 3672-3678.	1.1	7

#	ARTICLE	IF	CITATIONS
239	Associations of TNF- α and TNF- γ with Physical Function and BNP in the Longevity and Ageing Study. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 358-363.	1.5	1
240	Systemic Actions of Breast Cancer Facilitate Functional Limitations. <i>Cancers</i> , 2020, 12, 194.	1.7	9
241	Impact of TNF- α Inhibitors on Body Weight and BMI: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2020, 11, 481.	1.6	49
242	The clinical relevance and mechanism of skeletal muscle wasting. <i>Clinical Nutrition</i> , 2021, 40, 27-37.	2.3	24
243	Intramuscular injection of skeletal muscle derived extracellular matrix mitigates denervation atrophy after sciatic nerve transection. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142110324.	2.3	3
244	<i>Chlorella vulgaris</i> or <i>Spirulina platensis</i> mitigate lead acetate-induced testicular oxidative stress and apoptosis with regard to androgen receptor expression in rats. <i>Environmental Science and Pollution Research</i> , 2021, 28, 39126-39138.	2.7	12
245	Marine phytoplankton improves recovery and sustains immune function in humans and lowers proinflammatory immunoregulatory cytokines in a rat model. <i>Physical Activity and Nutrition</i> , 2021, 25, 42-55.	0.4	5
246	Ageing of the immune system and impaired muscle regeneration: A failure of immunomodulation of adult myogenesis. <i>Experimental Gerontology</i> , 2021, 145, 111200.	1.2	26
247	Emerging Treatment Options for Sarcopenia in Chronic Liver Disease. <i>Life</i> , 2021, 11, 250.	1.1	10
248	Exercise Therapy for Patients with Heart Failure: Focusing on the Pathophysiology of Skeletal Muscle. , 0, , .		0
249	Macrophages and Stem Cells – Two to Tango for Tissue Repair?. <i>Biomolecules</i> , 2021, 11, 697.	1.8	14
250	De novo Explorations of Sarcopenia via a Dynamic Model. <i>Frontiers in Physiology</i> , 2021, 12, 670381.	1.3	2
251	<i>Ganoderma lucidum</i> Induces Myogenesis Markers to Avert Damage to Skeletal Muscles in Rats Exposed to Hypobaric Hypoxia. <i>High Altitude Medicine and Biology</i> , 2023, 24, 287-295.	0.5	5
252	Transdifferentiation of Human Fibroblasts into Skeletal Muscle Cells: Optimization and Assembly into Engineered Tissue Constructs through Biological Ligands. <i>Biology</i> , 2021, 10, 539.	1.3	4
253	Exercise Training and Pulmonary Rehabilitation in COPD. , 0, , .		0
254	Sex Differences in the Association Between Inflammation and Event-Free Survival in Patients With Heart Failure. <i>Journal of Cardiovascular Nursing</i> , 2022, 37, 386-393.	0.6	0
255	Morphological Evidence of Telocytes in Skeletal Muscle Interstitium of Exercised and Sedentary Rodents. <i>Biomedicines</i> , 2021, 9, 807.	1.4	11
256	Nox4 Knockout Does Not Prevent Diaphragm Atrophy, Contractile Dysfunction, or Mitochondrial Maladaptation in the Early Phase Post-Myocardial Infarction in Mice. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 489-504.	1.1	4

#	ARTICLE	IF	CITATIONS
257	Waist and hip circumference are independently associated with the risk of liver disease in population-based studies. <i>Liver International</i> , 2021, 41, 2903-2913.	1.9	10
258	Effects of COVID-19 on the Musculoskeletal System: Clinician's Guide. <i>Orthopedic Research and Reviews</i> , 2021, Volume 13, 141-150.	0.7	28
259	Out of Control: The Role of the Ubiquitin Proteasome System in Skeletal Muscle during Inflammation. <i>Biomolecules</i> , 2021, 11, 1327.	1.8	37
260	Effect of 1-week <i>Calendula officinalis</i> consumption before high-intensity interval exercise on some delayed onset muscle soreness (DOMS) elements in male rowers. <i>Comparative Exercise Physiology</i> , 2021, 17, 493-500.	0.3	0
261	Revisiting the clinical usefulness of C-reactive protein in the set of cancer cachexia. <i>Porto Biomedical Journal</i> , 2021, 6, e123.	0.4	13
262	Large Scale Gene Expression Profiles as Tools to Study Skeletal Muscle Adaptation. , 2006, , 29-54.		1
263	Lifestyle Interventions for Sarcopenic Obesity in Polycystic Ovary Syndrome. , 2020, , 907-920.		2
264	Peripheral Mechanisms of Muscle Pain: Response Behavior of Muscle Nociceptors and Factors Eliciting Local Muscle Pain. , 2010, , 49-103.		4
265	Post-resistance exercise ingestion of milk protein attenuates plasma TNF α and TNFr1 expression on monocyte subpopulations. <i>Amino Acids</i> , 2017, 49, 1415-1426.	1.2	2
266	Interleukin-1 Beta and Tumor Necrosis Factor Alpha Upregulation and Nuclear Factor Kappa B Activation in Skeletal Muscle from a Mouse Model of Chronic/Progressive Parkinson Disease. <i>Medical Science Monitor</i> , 2018, 24, 7524-7531.	0.5	13
267	Factors Associated with Impairment of Quadriceps Muscle Function in Chinese Patients with Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2014, 9, e84167.	1.1	13
268	Long-term treatment with budesonide/formoterol attenuates circulating CRP levels in chronic obstructive pulmonary disease patients of group D. <i>PLoS ONE</i> , 2017, 12, e0183300.	1.1	7
269	Effectiveness of Antioxidant Nutraceuticals in Attenuating Canonical NF- κ B Signaling in Human Skeletal Muscle Resulting From Exercise-Induced Inflammation and Oxidative Stress. <i>Journal of Nutritional Health & Food Engineering</i> , 2014, 1, .	0.5	1
270	Acute effect of passive cycle-ergometry and functional electrical stimulation on nitrosative stress and inflammatory cytokines in mechanically ventilated critically ill patients: a randomized controlled trial. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e8770.	0.7	6
271	Skeletal muscle changes after hemiparetic stroke and potential beneficial effects of exercise intervention strategies. <i>Journal of Rehabilitation Research and Development</i> , 2008, 45, 261-272.	1.6	156
272	The nuclear factor-kappaB (NF-kappaB): from a versatile transcription factor to a ubiquitous therapeutic target.. <i>Acta Biochimica Polonica</i> , 2006, 53, 651-662.	0.3	30
273	The anti-aging effects of LW-AFC via correcting immune dysfunctions in senescence accelerated mouse resistant 1 (SAMR1) strain. <i>Oncotarget</i> , 2016, 7, 26949-26965.	0.8	18
274	Role of Pro-inflammatory Cytokines in Regulation of Skeletal Muscle Metabolism: A Systematic Review. <i>Current Medicinal Chemistry</i> , 2020, 27, 2161-2188.	1.2	45

#	ARTICLE	IF	CITATIONS
275	High-Content Screening of Human Primary Muscle Satellite Cells for New Therapies for Muscular Atrophy/Dystrophy. <i>Current Chemical Genomics</i> , 2013, 6, 21-29.	2.0	13
276	Potential mechanisms underlying the role of chronic inflammation in age-related muscle wasting. <i>Aging Clinical and Experimental Research</i> , 2012, 24, 412-22.	1.4	92
277	Changes of muscle-derived cytokines in relation to thiol redox status and reactive oxygen and nitrogen species. <i>Physiological Research</i> , 2010, 59, 945-951.	0.4	26
278	Muscle function impairment in cancer patients in pre-cachexia stage. <i>European Journal of Translational Myology</i> , 2020, 30, 8931.	0.8	6
279	Volatile compounds and antioxidant activity of the aromatic herb <i>Anethum graveolens</i> . <i>Journal of the Arab Society for Medical Research</i> , 2013, 8, 79.	0.0	22
280	Differences in dietary intakes, body compositions, and biochemical indices between metabolically healthy and metabolically abnormal obese Korean women. <i>Nutrition Research and Practice</i> , 2019, 13, 488.	0.7	9
281	Apoptosis and Skeletal Muscle in Aging. <i>Open Journal of Apoptosis</i> , 2015, 04, 41-46.	1.5	10
282	Association of TNF- α Gene Variants With Clinical Manifestation of Cystic Fibrosis Patients of Iranian Azeri Turkish Ethnicity. <i>Iranian Journal of Pediatrics</i> , 2015, 25, e307.	0.1	5
284	The Ubiquitin-Proteasome Pathway. , 2005, , 511-542.		0
287	Bases metabólicas da rãbdomiãlise e atrofia muscular. <i>Revista Brasileira De Fisiologia Do Exercício</i> , 2010, 9, 124.	0.0	0
288	Effects of 12-weeks walking exercise on appetite regulating hormone, adipokine and insulin resistance in postmenopausal obesity women. <i>Exercise Science</i> , 2012, 21, 213-222.	0.1	1
289	The Effects of Exercise Program Outdoor Exercise Equipment on Activity Fitness, Metabolic Syndrome Risk Factors and Inflammatory Factors in the Elderly. <i>Exercise Science</i> , 2014, 23, 229-240.	0.1	2
290	Diabetes mellitus and sarcopenia. , 2020, , 185-207.		0
291	KRONĀK OBSTRĀKTĀF AKCĀĀZER HASTALIĀZINDA FENOTĀPLERE GĀ-RE KAN BĀYOBELĀRTEĀĖLERĀNĀN KARĀZILAĀZTIRILMAS Bilimleri Dergisi, 2020, 29, 46-50.	0.1	0
292	The Suppressive Effects of <i>Daebangfung-tang</i> against Disuse Muscle Atrophy in Gastrocnemius of Rats</i> </i>. <i>Korean Journal of Acupuncture</i> , 2020, 37, 262-270.	0.1	0
293	Tumor Necrosis Factor-Alpha and Age-Related Pathologies. <i>Russian Archives of Internal Medicine</i> , 2020, 10, 414-421.	0.0	4
294	The Aging of Skeletal Muscle and Potential Therapeutic Effects of Extracts from Edible and Inedible Plants. <i>Reviews in Agricultural Science</i> , 2020, 8, 70-88.	0.9	3
295	Sarcopenia. , 2020, , 1781-1803.e19.		0

#	ARTICLE	IF	CITATIONS
296	The Efficacy of Different Inflammatory Markers for the Prognosis of Patients with Malignant Tumors. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 5769-5785.	1.6	11
298	Successful aging as a continuum of functional independence: lessons from physical disability models of aging. , 2012, 3, 5-15.		27
299	Nutritional Assessment in Critically Ill Patients. <i>Iranian Journal of Medical Sciences</i> , 2016, 41, 171-9.	0.3	30
300	From quiescence to repair: C/EBP β as a regulator of muscle stem cell function in health and disease. <i>FEBS Journal</i> , 2021, , .	2.2	0
301	Blocking TNF signaling may save lives in COVID-19 infection. <i>Molecular Biology Reports</i> , 2022, 49, 2303-2309.	1.0	23
302	Muscle Mass and Inflammation in Older Adults: Impact of the Metabolic Syndrome. <i>Gerontology</i> , 2022, 68, 989-998.	1.4	14
303	Relationship between myalgia and laboratory parameters in hospitalized patients with COVID-19. <i>Journal of Contemporary Medicine</i> , 2022, 12, 306-311.	0.1	0
304	Inflammatory cytokines and sarcopenia in Iranian adults-results from SARIR study. <i>Scientific Reports</i> , 2022, 12, 5471.	1.6	8
305	TNF- α Induced Myotube Atrophy in C2C12 Cell Line Uncovers Putative Inflammatory-Related lncRNAs Mediating Muscle Wasting. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3878.	1.8	1
306	The role of tumor necrosis factor alpha α 308A polymorphism on the clinical states of SARS-CoV-2 infection. <i>Egyptian Journal of Medical Human Genetics</i> , 2022, 23, .	0.5	1
307	Glycyrrhiza uralensis attenuates TNF- α -induced muscle atrophy in myoblast cells through the Nrf2 and MAFbx signaling cascades. <i>Applied Biological Chemistry</i> , 2022, 65, .	0.7	1
308	Body Composition Changes and Related Factors in Patients with Ulcerative Colitis: A Retrospective Single-Center Study in China. <i>Medical Science Monitor</i> , 2022, 28, e933942.	0.5	2
309	Immune system and sarcopenia: Presented relationship and future perspective. <i>Experimental Gerontology</i> , 2022, 164, 111823.	1.2	31
310	Plasma levels of myokines and inflammatory markers are related with functional and respiratory performance in older adults with COPD and sarcopenia. <i>Experimental Gerontology</i> , 2022, 164, 111834.	1.2	6
311	Inflammaging and Frailty in Immune-Mediated Rheumatic Diseases: How to Address and Score the Issue. <i>Clinical Reviews in Allergy and Immunology</i> , 2023, 64, 206-221.	2.9	14
313	Psoralea corylifolia L. seed extract attenuates dexamethasone-induced muscle atrophy in mice by inhibition of oxidative stress and inflammation. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115490.	2.0	13
314	Body composition and risk factors associated with sarcopenia in post-COVID patients after moderate or severe COVID-19 infections. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	9
315	TNF- α Suppresses Apelin Receptor Expression in Mouse Quadriceps Femoris-Derived Cells. <i>Current Issues in Molecular Biology</i> , 2022, 44, 3146-3155.	1.0	0

#	ARTICLE	IF	CITATIONS
316	Assessment of risk factors in post- COVID-19 patients and its associated musculoskeletal manifestations: A cross-sectional study in India. <i>Journal of Orthopaedics</i> , 2022, 33, 131-136.	0.6	4
317	Pathogenesis of sarcopenia in chronic obstructive pulmonary disease. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	15
318	Increased Carcinoembryonic Antigen (CEA) Level Is Highly Associated with Low Skeletal Muscle Mass in Asymptomatic Adults: A Population-Based Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 5009.	1.0	5
319	Time to Deal with Rheumatoid Cachexia: Prevalence, Diagnostic Criteria, Treatment Effects and Evidence for Management. <i>Mediterranean Journal of Rheumatology</i> , 2022, 33, 271.	0.3	3
320	Inflammaging: Implications in Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15039.	1.8	33
321	Respiratory issues in patients with multiple sclerosis as a risk factor during SARS-CoV-2 infection: a potential role for exercise. <i>Molecular and Cellular Biochemistry</i> , 2023, 478, 1533-1559.	1.4	1
322	Inflammation balance in skeletal muscle damage and repair. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	15
323	Impacts of Eccentric Resistance Exercise on DNA Methylation of Candidate Genes for Inflammatory Cytokines in Skeletal Muscle and Leukocytes of Healthy Males. <i>Genes</i> , 2023, 14, 478.	1.0	5
324	Phyto Pharmaceutical Advances on Black Turmeric as a Functional Herb. <i>Current Nutrition and Food Science</i> , 2024, 20, 131-142.	0.3	0
325	The Potential Modulatory Effects of Exercise on Skeletal Muscle Redox Status in Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6017.	1.8	3
326	Betaine Treatment Prevents TNF- α -Mediated Muscle Atrophy by Restoring Total Protein Synthesis Rate and Morphology in Cultured Myotubes. <i>Journal of Histochemistry and Cytochemistry</i> , 0, , 002215542311653.	1.3	0