Antonio Musaro

List of Publications by Year
in descending order

149 papers	13,010 citations	38742 50 h-index	22832 112 g-index
152 all docs	152 docs citations	152 times ranked	19088 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Localized Igf-1 transgene expression sustains hypertrophy and regeneration in senescent skeletal muscle. Nature Genetics, 2001, 27, 195-200.	21.4	985
3	Viral mediated expression of insulin-like growth factor I blocks the aging-related loss of skeletal muscle function. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 15603-15607.	7.1	638
4	IGF-1 induces skeletal myocyte hypertrophy through calcineurin in association with GATA-2 and NF-ATc1. Nature, 1999, 400, 581-585.	27.8	589
5	Skeletal Muscle Is a Primary Target of SOD1G93A-Mediated Toxicity. Cell Metabolism, 2008, 8, 425-436.	16.2	435
6	Muscle-specific expression of insulin-like growth factor I counters muscle decline in mdx mice. Journal of Cell Biology, 2002, 157, 137-148.	5.2	421
7	Muscle expression of a local Igf-1 isoform protects motor neurons in an ALS mouse model. Journal of Cell Biology, 2005, 168, 193-199.	5.2	319
8	Signalling pathways regulating muscle mass in ageing skeletal muscle. The role of the IGF1-Akt-mTOR-FoxO pathway. Biogerontology, 2013, 14, 303-323.	3.9	274
9	Monocyte/Macrophage-derived IGF-1 Orchestrates Murine Skeletal Muscle Regeneration and Modulates Autocrine Polarization. Molecular Therapy, 2015, 23, 1189-1200.	8.2	237
10	Stem cell-mediated muscle regeneration is enhanced by local isoform of insulin-like growth factor 1. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1206-1210.	7.1	233
11	MicroRNAs Involved in Molecular Circuitries Relevant for the Duchenne Muscular Dystrophy Pathogenesis Are Controlled by the Dystrophin/nNOS Pathway. Cell Metabolism, 2010, 12, 341-351.	16.2	228
12	Local expression of IGFâ€1 accelerates muscle regeneration by rapidly modulating inflammatory cytokines and chemokines. FASEB Journal, 2007, 21, 1393-1402.	0.5	227
13	Overexpression of IGF-1 in Muscle Attenuates Disease in a Mouse Model of Spinal and Bulbar Muscular Atrophy. Neuron, 2009, 63, 316-328.	8.1	205
14	Effects of IGFâ€1 isoforms on muscle growth and sarcopenia. Aging Cell, 2019, 18, e12954.	6.7	146
15	Adaptation of Mouse Skeletal Muscle to Long-Term Microgravity in the MDS Mission. PLoS ONE, 2012, 7, e33232.	2.5	144
16	Maturation of the Myogenic Program Is Induced by Postmitotic Expression of Insulin-Like Growth Factor I. Molecular and Cellular Biology, 1999, 19, 3115-3124.	2.3	139
17	Long-Term High-Level Exercise Promotes Muscle Reinnervation With Age. Journal of Neuropathology and Experimental Neurology, 2014, 73, 284-294.	1.7	136
18	Body-wide gene therapy of Duchenne muscular dystrophy in the mdx mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3758-3763.	7.1	134

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19	Involvement of MicroRNAs in the Regulation of Muscle Wasting during Catabolic Conditions. Journal of Biological Chemistry, 2014, 289, 21909-21925.	3.4	129
20	Electrical Stimulation Counteracts Muscle Decline in Seniors. Frontiers in Aging Neuroscience, 2014, 6, 189.	3.4	128
21	Regulation of Muscle Atrophy in Aging and Disease. Advances in Experimental Medicine and Biology, 2010, 694, 211-233.	1.6	123
22	Impact of ageing on muscle cell regeneration. Ageing Research Reviews, 2011, 10, 35-42.	10.9	118
23	Mechanisms Regulating Muscle Regeneration: Insights into the Interrelated and Time-Dependent Phases of Tissue Healing. Cells, 2020, 9, 1297.	4.1	116
24	Increased IGF-1 in muscle modulates the phenotype of severe SMA mice. Human Molecular Genetics, 2011, 20, 1844-1853.	2.9	96
25	FoxO maintains a genuine muscle stem-cell quiescent state until geriatric age. Nature Cell Biology, 2020, 22, 1307-1318.	10.3	96
26	An Overview About the Biology of Skeletal Muscle Satellite Cells. Current Genomics, 2019, 20, 24-37.	1.6	95
27	Enhanced Expression of Myogenic Regulatory Genes in Aging Skeletal Muscle. Experimental Cell Research, 1995, 221, 241-248.	2.6	92
28	Age-dependent alteration in muscle regeneration: the critical role of tissue niche. Biogerontology, 2013, 14, 273-292.	3.9	92
29	Exploiting extracellular matrix-stem cell interactions: A review of natural materials for therapeutic muscle regeneration. Biomaterials, 2012, 33, 428-443.	11.4	88
30	The Basis of Muscle Regeneration. Advances in Biology, 2014, 2014, 1-16.	1.2	86
31	The physiopathologic role of oxidative stress in skeletal muscle. Mechanisms of Ageing and Development, 2018, 170, 37-44.	4.6	81
32	Counteracting muscle wasting in aging and neuromuscular diseases: the critical role of IGF-1. Aging, 2009, 1, 451-457.	3.1	77
33	Molecular and cellular mechanisms of muscle aging and sarcopenia and effects of electrical stimulation in seniors. European Journal of Translational Myology, 2015, 25, 231.	1.7	76
34	Circulating levels of adipokines and IGF-1 are associated with skeletal muscle strength of young and old healthy subjects. Biogerontology, 2013, 14, 261-272.	3.9	75
35	Oxidative stress and muscle homeostasis. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 236-242.	2.5	73
36	Physical exercise in aging human skeletal muscle increases mitochondrial calcium uniporter expression levels and affects mitochondria dynamics. Physiological Reports, 2016, 4, e13005.	1.7	71

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37	Oxidative stress in Duchenne muscular dystrophy: focus on the NRF2 redox pathway. Human Molecular Genetics, 2017, 26, 2781-2790.	2.9	71
38	Insulin-like Growth Factor Isoforms in Skeletal Muscle Aging, Regeneration, and Disease. Cold Spring Harbor Symposia on Quantitative Biology, 2002, 67, 507-518.	1.1	68
39	Generation of eX vivo-vascularized Muscle Engineered Tissue (X-MET). Scientific Reports, 2013, 3, 1420.	3.3	67
40	Long-Term Benefit of Adeno-Associated Virus/Antisense-Mediated Exon Skipping in Dystrophic Mice. Human Gene Therapy, 2008, 19, 601-608.	2.7	65
41	Deficiency in the nuclear long noncoding <scp>RNA</scp> <i>Charme</i> causes myogenic defects and heart remodeling in mice. EMBO Journal, 2018, 37, .	7.8	65
42	Understanding <scp>ALS</scp>: new therapeutic approaches. FEBS Journal, 2013, 280, 4315-4322.	4.7	64
43	Functional and Morphological Improvement of Dystrophic Muscle by Interleukin 6 Receptor Blockade. EBioMedicine, 2015, 2, 285-293.	6.1	63
44	The mitochondrial metabolic reprogramming agent trimetazidine as an â€˜exercise mimeticâ€™ in cachectic C26â€bearing mice. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 954-973.	7.3	63
45	Increased Plin2 Expression in Human Skeletal Muscle Is Associated with Sarcopenia and Muscle Weakness. PLoS ONE, 2013, 8, e73709.	2.5	60
46	Flavocoxid counteracts muscle necrosis and improves functional properties in mdx mice: A comparison study with methylprednisolone. Experimental Neurology, 2009, 220, 349-358.	4.1	58
47	Localized accumulation of oxidative stress causes muscle atrophy through activation of an autophagic pathway. Autophagy, 2009, 5, 527-529.	9.1	57
48	Muscle Expression of<i>SOD1^{G93A}</i>Triggers the Dismantlement of Neuromuscular Junction<i>via</i>PKC-Theta. Antioxidants and Redox Signaling, 2018, 28, 1105-1119.	5.4	56
49	IL-6 Impairs Myogenic Differentiation by Downmodulation of p90RSK/eEF2 and mTOR/p70S6K Axes, without Affecting AKT Activity. BioMed Research International, 2014, 2014, 1-12.	1.9	53
50	Increased levels of interleukin-6 exacerbate the dystrophic phenotype in mdx mice. Human Molecular Genetics, 2015, 24, 6041-6053.	2.9	51
51	Metabolic Changes Associated With Muscle Expression of SOD1G93A. Frontiers in Physiology, 2018, 9, 831.	2.8	50
52	Neuromuscular Junction as an Entity of Nerve-Muscle Communication. Cells, 2019, 8, 906.	4.1	50
53	Local expression of mIgf-1 modulates ubiquitin, caspase and CDK5 expression in skeletal muscle of an ALS mouse model. Neurological Research, 2008, 30, 131-136.	1.3	49
54	Human Cardiac Progenitor Cell Grafts as Unrestricted Source of Supernumerary Cardiac Cells in Healthy Murine Hearts. Stem Cells, 2011, 29, 2051-2061.	3.2	49

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55	Signals from the Niche: Insights into the Role of IGF-1 and IL-6 in Modulating Skeletal Muscle Fibrosis. Cells, 2019, 8, 232.	4.1	49
56	ROCK2 and Its Alternatively Spliced Isoform ROCK2m Positively Control the Maturation of the Myogenic Program. Molecular and Cellular Biology, 2007, 27, 6163-6176.	2.3	46
57	Chimeric Adeno-Associated Virus/Antisense U1 Small Nuclear RNA Effectively Rescues Dystrophin Synthesis and Muscle Function by Local Treatment of mdx Mice. Human Gene Therapy, 2006, 17, 565-574.	2.7	45
58	Isolation and Culture of Mouse Satellite Cells. Methods in Molecular Biology, 2010, 633, 101-111.	0.9	42
59	Muscle atrophy induced by SOD1G93A expression does not involve the activation of caspase in the absence of denervation. Skeletal Muscle, 2011, 1, 3.	4.2	42
60	Vasopressin-dependent Myogenic Cell Differentiation Is Mediated by Both Ca2+/Calmodulin-dependent Kinase and Calcineurin Pathways. Molecular Biology of the Cell, 2005, 16, 3632-3641.	2.1	40
61	Induction of myogenic differentiation by SDFâ€1 via CXCR4 and CXCR7 receptors. Muscle and Nerve, 2010, 41, 828-835.	2.2	40
62	Molecular Insights into Muscle Homeostasis, Atrophy and Wasting. Current Genomics, 2018, 19, 356-369.	1.6	39
63	Measuring Mechanical Properties, Including Isotonic Fatigue, of Fast and Slow MLC/mIgf-1 Transgenic Skeletal Muscle. Annals of Biomedical Engineering, 2008, 36, 1281-1290.	2.5	37
64	Akt/mTOR pathway contributes to skeletal muscle anti-atrophic effect of aerobic exercise training in heart failure mice. International Journal of Cardiology, 2016, 214, 137-147.	1.7	37
65	The neuroprotective effects of a locally acting IGF-1 isoform. Experimental Gerontology, 2007, 42, 76-80.	2.8	36
66	Atrophy/hypertrophy cell signaling in muscles of young athletes trained with vibrational-proprioceptive stimulation. Neurological Research, 2011, 33, 998-1009.	1.3	36
67	A longitudinal study defined circulating microRNAs as reliable biomarkers for disease prognosis and progression in ALS human patients. Cell Death Discovery, 2021, 7, 4.	4.7	36
68	Revisiting calcineurin and human heart failure. Nature Medicine, 2000, 6, 2-3.	30.7	35
69	Increased Circulating Levels of Interleukin-6 Affect the Redox Balance in Skeletal Muscle. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	33
70	State of the art and the dark side of amyotrophic lateral sclerosis. World Journal of Biological Chemistry, 2010, 1, 62.	4.3	31
71	Mechanical properties of intact single fibres from wild-type and MLC/mIgf-1 transgenic mouse muscle. Journal of Muscle Research and Cell Motility, 2009, 30, 199-207.	2.0	30
72	IPLEX Administration Improves Motor Neuron Survival and Ameliorates Motor Functions in a Severe Mouse Model of Spinal Muscular Atrophy. Molecular Medicine, 2012, 18, 1076-1085.	4.4	30

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73	Skeletal Muscle Regeneration in Mice Is Stimulated by Local Overexpression of V1a-Vasopressin Receptor. Molecular Endocrinology, 2011, 25, 1661-1673.	3.7	29
74	Elucidating the Contribution of Skeletal Muscle Ion Channels to Amyotrophic Lateral Sclerosis in search of new therapeutic options. Scientific Reports, 2019, 9, 3185.	3.3	29
75	Skeletal muscle myopenia in mice model of bile duct ligation and carbon tetrachloride-induced liver cirrhosis. Physiological Reports, 2017, 5, e13153.	1.7	27
76	Dynamic Phosphorylation of the Myocyte Enhancer Factor 2CÎ±1 Splice Variant Promotes Skeletal Muscle Regeneration and Hypertrophy. Stem Cells, 2017, 35, 725-738.	3.2	27
77	The physiopathologic interplay between stem cells and tissue niche in muscle regeneration and the role of IL-6 on muscle homeostasis and diseases. Cytokine and Growth Factor Reviews, 2018, 41, 1-9.	7.2	26
78	Engineered extracellular vesicle decoy receptor-mediated modulation of the IL6 trans-signalling pathway in muscle. Biomaterials, 2021, 266, 120435.	11.4	26
79	Muscle Expression of SOD1G93A Modulates microRNA and mRNA Transcription Pattern Associated with the Myelination Process in the Spinal Cord of Transgenic Mice. Frontiers in Cellular Neuroscience, 2015, 9, 463.	3.7	25
80	SAM68 is a physiological regulator of SMN2 splicing in spinal muscular atrophy. Journal of Cell Biology, 2015, 211, 77-90.	5.2	25
81	Stem cells and tissue niche: two faces of the same coin of muscle regeneration. European Journal of Translational Myology, 2016, 26, 6125.	1.7	25
82	Gene therapy for cardiac cachexia?. International Journal of Cardiology, 2002, 85, 185-191.	1.7	24
83	Isolation and Culture of Satellite Cells from Mouse Skeletal Muscle. Methods in Molecular Biology, 2017, 1553, 155-167.	0.9	24
84	Paracrine Effects of IGF-1 Overexpression on the Functional Decline Due to Skeletal Muscle Disuse: Molecular and Functional Evaluation in Hindlimb Unloaded MLC/mIgf-1 Transgenic Mice. PLoS ONE, 2013, 8, e65167.	2.5	24
85	AVP Induces Myogenesis through the Transcriptional Activation of the Myocyte Enhancer Factor 2. Molecular Endocrinology, 2002, 16, 1407-1416.	3.7	23
86	Human Cardiac Progenitor Spheroids Exhibit Enhanced Engraftment Potential. PLoS ONE, 2015, 10, e0137999.	2.5	22
87	Pharmacological Inhibition of PKCÎ¸ Counteracts Muscle Disease in a Mouse Model of Duchenne Muscular Dystrophy. EBioMedicine, 2017, 16, 150-161.	6.1	22
88	Increased Circulating Levels of Interleukin-6 Induce Perturbation in Redox-Regulated Signaling Cascades in Muscle of Dystrophic Mice. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	4.0	22
89	The hormetic and hermetic role of IL-6. Ageing Research Reviews, 2022, 80, 101697.	10.9	22
90	Neuromuscular magnetic stimulation counteracts muscle decline in ALS patients: results of a randomized, double-blind, controlled study. Scientific Reports, 2019, 9, 2837.	3.3	21

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91	Repurposing of Trimetazidine for amyotrophic lateral sclerosis: A study in SOD1^{G93A}mice. British Journal of Pharmacology, 2022, 179, 1732-1752.	5.4	21
92	TAp63gamma is required for the late stages of myogenesis. Cell Cycle, 2015, 14, 894-901.	2.6	19
93	Noise Enhances Action Potential Generation in Mouse Sensory Neurons via Stochastic Resonance. PLoS ONE, 2016, 11, e0160950.	2.5	19
94	Transgenic mouse models of muscle aging. Experimental Gerontology, 1999, 34, 147-156.	2.8	18
95	Cdk9â€•55: A new player in muscle regeneration. Journal of Cellular Physiology, 2008, 216, 576-582.	4.1	18
96	Growth factor enhancement of muscle regeneration: a central role of IGF-1. Archives Italiennes De Biologie, 2005, 143, 243-8.	0.4	18
97	FES in Europe and beyond: Current Translational Research. European Journal of Translational Myology, 2016, 26, 6369.	1.7	17
98	DNA damage-activated ABL-MyoD signaling contributes to DNA repair in skeletal myoblasts. Cell Death and Differentiation, 2013, 20, 1664-1674.	11.2	16
99	MicroRNAs modulated by local mIGF-1 expression in mdx dystrophic mice. Frontiers in Aging Neuroscience, 2015, 7, 69.	3.4	16
100	Muscle IGF-1-Induced Skeletal Muscle Hypertrophy Evokes Higher Insulin Sensitivity and Carbohydrate Use as Preferential Energy Substrate. BioMed Research International, 2015, 2015, 1-8.	1.9	16
101	Measuring Neuromuscular Junction Functionality in the SOD1G93A Animal Model of Amyotrophic Lateral Sclerosis. Annals of Biomedical Engineering, 2015, 43, 2196-2206.	2.5	16
102	The Proteolytic Systems of Muscle Wasting. Recent Advances in DNA & Gene Sequences, 2016, 9, 26-35.	0.7	16
103	Insights into the Pathogenic Secondary Symptoms Caused by the Primary Loss of Dystrophin. Journal of Functional Morphology and Kinesiology, 2017, 2, 44.	2.4	16
104	Hypertrophy and atrophy inversely regulate Caveolin-3 expression in myoblasts. Biochemical and Biophysical Research Communications, 2007, 357, 314-318.	2.1	15
105	Progressive impairment of CaV1.1 function in the skeletal muscle of mice expressing a mutant type 1 Cu/Zn superoxide dismutase (G93A) linked to amyotrophic lateral sclerosis. Skeletal Muscle, 2016, 6, 24.	4.2	15
106	Measuring tendon properties in mdx mice: Cell viability and viscoelastic characteristics. Journal of Biomechanics, 2009, 42, 2243-2248.	2.1	14
107	Chemotherapeutic agent 5-fluorouracil increases survival of SOD1 mouse model of ALS. PLoS ONE, 2019, 14, e0210752.	2.5	14
108	Stem cell-mediated muscle regeneration and repair in aging and neuromuscular diseases. European Journal of Histochemistry, 2007, 51 Suppl 1, 35-43.	1.5	14

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109	TPA-Induced Differentiation of Human Rhabdomyosarcoma Cells Involves Dephosphorylation and Nuclear Accumulation of Mutant p53. Biochemical and Biophysical Research Communications, 1994, 202, 17-24.	2.1	13
110	Postmitotic Expression of SOD1^{G93A}Gene Affects the Identity of Myogenic Cells and Inhibits Myoblasts Differentiation. Mediators of Inflammation, 2015, 2015, 1-14.	3.0	13
111	Hyaluronan-Cholesterol Nanogels for the Enhancement of the Ocular Delivery of Therapeutics. Pharmaceutics, 2021, 13, 1781.	4.5	12
112	Counteracting sarcopenia: the role of IGF-1 isoforms. Aging, 2019, 11, 3410-3411.	3.1	11
113	The Critical Role of Insulin-Like Growth Factor-1 Isoforms in the Physiopathology of Skeletal Muscle. Current Genomics, 2006, 7, 19-32.	1.6	9
114	A DIC Based Technique to Measure the Contraction of a Skeletal Muscle Engineered Tissue. Applied Bionics and Biomechanics, 2016, 2016, 1-7.	1.1	9
115	nNOS/GSNOR interaction contributes to skeletal muscle differentiation and homeostasis. Cell Death and Disease, 2019, 10, 354.	6.3	9
116	Muscle Homeostasis and Regeneration: From Molecular Mechanisms to Therapeutic Opportunities. Cells, 2020, 9, 2033.	4.1	9
117	Sustained Systemic Levels of IL-6 Impinge Early Muscle Growth and Induce Muscle Atrophy and Wasting in Adulthood. Cells, 2021, 10, 1816.	4.1	9
118	Muscle Involvement and IGF-1 Signaling in Genetic Disorders: New Therapeutic Approaches. Endocrine Development, 2009, 14, 29-37.	1.3	8
119	Finite mixture clustering of human tissues with different levels of IGF-1 splice variants mRNA transcripts. BMC Bioinformatics, 2015, 16, 289.	2.6	8
120	Growth Factor Enhancement of Cardiac Regeneration. Cell Transplantation, 2006, 15, 41-45.	2.5	6
121	AvidinOXÂ® for Tissue Targeted Delivery of Biotinylated Cells. International Journal of Immunopathology and Pharmacology, 2012, 25, 239-246.	2.1	6
122	A necrotic stimulus is required to maximize matrix-mediated myogenesis in mice. DMM Disease Models and Mechanisms, 2013, 6, 793-801.	2.4	6
123	Proliferation of Multiple Cell Types in the Skeletal Muscle Tissue Elicited by Acute p21 Suppression. Molecular Therapy, 2015, 23, 885-895.	8.2	6
124	Circulating myomiRs in Muscle Denervation: From Surgical to ALS Pathological Condition. Cells, 2021, 10, 2043.	4.1	6
125	New Insights into the Relationship between mIGF-1-Induced Hypertrophy and Ca2+ Handling in Differentiated Satellite Cells. PLoS ONE, 2014, 9, e107753.	2.5	5
126	Measuring Neuromuscular Junction Functionality. Journal of Visualized Experiments, 2017, , .	0.3	5

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127	Measuring the Maximum Power of an $ex~vivo$ Engineered Muscle Tissue With Isovelocity Shortening Technique. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 2404-2411.	4.7	5
128	Mechanisms inducing low bone density in Duchenne Muscular Dystrophy. Bone, 2009, 44, S237-S238.	2.9	4
129	Dystrophic tendon functionality is recovered by muscle-specific expression of insulin-like growth factor in mdx mice. Journal of Biomechanics, 2013, 46, 604-607.	2.1	4
130	Identification of the best stimulation parameters to measure in situ the comunication between muscle and nerve in mouse Tibialis muscle. , 2017, , .		4
131	To the heart of the problem. mIGF-1: local effort for global impact. Aging, 2012, 4, 377-378.	3.1	4
132	Sam68 splicing regulation contributes to motor unit establishment in the postnatal skeletal muscle. Life Science Alliance, 2020, 3, .	2.8	4
133	Report on Abstracts of the 15th Meeting of IIM, the Interuniversity Institute of Myology - Assisi (Italy), October 11-14, 2018. European Journal of Translational Myology, 2018, 28, 7957.	1.7	3
134	Fenretinide Beneficial Effects on Amyotrophic Lateral Sclerosis-associated SOD1G93A Mutant Protein Toxicity: In Vitro and In Vivo Evidences. Neuroscience, 2021, 473, 1-12.	2.3	3
135	Development of a Novel Technique for the Measurement of Neuromuscular Junction Functionality in Isotonic Conditions. Cellular and Molecular Bioengineering, 2022, 15, 255-265.	2.1	3
136	Electrical stimulation counteracts muscle atrophy associated with aging in humans. European Journal of Translational Myology, 2013, 23, 105.	1.7	2
137	A Digital Image Correlation based technique to control the development of a skeletal muscle engineered tissue by measuring its surface strain field. , 2015, , .		2
138	Optimal force evaluation for isotonic fatigue characterization in mouse Tibialis Anterior muscle. , 2020, , .		2
139	Cellular and molecular bases of muscle regeneration: The critical role of insulin-like growth factor-1. International Congress Series, 2007, 1302, 89-100.	0.2	1
140	MECHANISMS INDUCING LOW BONE DENSITY IN DUCHENNE MUSCULAR DYSTROPHY. Bone, 2010, 46, S79-S80.	2.9	1
141	FES Training in Aging: interim results show statistically significant improvements in mobility and muscle fiber size. European Journal of Translational Myology, 2012, 22, 61.	1.7	1
142	Detection of the Strains Induced in Murine Tibias by Ex Vivo Uniaxial Loading with Different Sensors. Sensors, 2019, 19, 5109.	3.8	1
143	Chapter 2 Myofiber specification and survival. Advances in Developmental Biology and Biochemistry, 2002, 11, 33-52.	0.3	0
144	Advances in stem cell research: use of stem cells in animal models of muscular dystrophy. , 2006, , 103-123.		0

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145	Skeletal Muscle Is a Primary Target of SOD1G93A-Mediated Toxicity. Cell Metabolism, 2009, 9, 110.	16.2	0
146	Functional Electrical Stimulation of Skeletal Muscles in Aging and Premature Aging. Practical Issues in Geriatrics, 2018, , 93-103.	0.8	0
147	16th Meeting of the Interuniversity Institute of Myology (IIM) - Assisi (Italy), October 17-20, 2019: Foreword, Program and Abstracts. European Journal of Translational Myology, 2020, 30, 9345.	1.7	0
148	Chimeric Adeno-Associated Virus/Antisense U1 Small Nuclear RNA Effectively Rescues Dystrophin Synthesis and Muscle Function by Local Treatment of mdx Mice. Human Gene Therapy, 2006, .	2.7	0
149	Mice presenting skeletal muscle hypertrophic phenotype driven by mIGFâ€1 overâ€expression have improved carbohydrate metabolism and insulin sensitivity.. FASEB Journal, 2009, 23, LB109.	0.5	0