Miranda D Grounds

List of Publications by Year
in descending order

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159 papers	8,599 citations	36303 51 h-index	53230 85 g-index
166 all docs	166 docs citations	166 times ranked	7690 citing authors

#	Article	IF	Citations
1	Towards developing standard operating procedures for pre-clinical testing in the mdx mouse model of Duchenne muscular dystrophy. Neurobiology of Disease, 2008, 31, 1-19.	4.4	286
2	Identification of skeletal muscle precursor cells in vivo by use of MyoD1 and myogenin probes. Cell and Tissue Research, 1992, 267, 99-104.	2.9	280
3	Rapid death of injected myoblasts in myoblast transfer therapy. Muscle and Nerve, 1996, 19, 853-860.	2.2	240
4	Age-associated Changes in the Response of Skeletal Muscle Cells to Exercise and Regenerationa. Annals of the New York Academy of Sciences, 1998, 854, 78-91.	3.8	234
5	New horizons in the pathogenesis, diagnosis and management of sarcopenia. Age and Ageing, 2013, 42, 145-150.	1.6	230
6	Antiâ€TNFÎ± (RemicadeÂ®) therapy protects dystrophic skeletal muscle from necrosis. FASEB Journal, 2004, 18, 676-682.	0.5	215
7	Reduced necrosis of dystrophic muscle by depletion of host neutrophils, or blocking TNFÎ± function with Etanercept in mdx mice. Neuromuscular Disorders, 2006, 16, 591-602.	0.6	192
8	The Role of Stem Cells in Skeletal and Cardiac Muscle Repair. Journal of Histochemistry and Cytochemistry, 2002, 50, 589-610.	2.5	191
9	Evidence of fusion between host and donor myoblasts in skeletal muscle grafts. Nature, 1978, 273, 306-308.	27.8	189
10	Striking Denervation of Neuromuscular Junctions without Lumbar Motoneuron Loss in Geriatric Mouse Muscle. PLoS ONE, 2011, 6, e28090.	2.5	172
11	Age-related changes in replication of myogenic cells in mdx mice: Quantitative autoradiographic studies. Journal of the Neurological Sciences, 1993, 119, 169-179.	0.6	149
12	The Role of Tumor Necrosis Factor-alpha (TNF-Î±) in Skeletal Muscle Regeneration. Journal of Histochemistry and Cytochemistry, 2001, 49, 989-1001.	2.5	148
13	Initiation and duration of muscle precursor replication after mild and severe injury to skeletal muscle of mice. Cell and Tissue Research, 1987, 248, 125-130.	2.9	145
14	Reasons for the degeneration of ageing skeletal muscle: a central role for IGF-1 signalling. Biogerontology, 2002, 3, 19-24.	3.9	144
15	Why Do Cultured Transplanted Myoblasts Die in Vivo? DNA Quantification Shows Enhanced Survival of Donor Male Myoblasts in Host Mice Depleted of CD4⁺ and CD8⁺ Cells or NK1.1⁺ Cells. Cell Transplantation, 2000, 9, 489-502.	2.5	142
16	Oxidative stress and pathology in muscular dystrophies: focus on protein thiol oxidation and dysferlinopathies. FEBS Journal, 2013, 280, 4149-4164.	4.7	140
17	Targeting macrophages rescues ageâ€related immune deficiencies in C57<scp>BL</scp>/6J geriatric mice. Aging Cell, 2013, 12, 345-357.	6.7	133
18	Molecular and cell biology of skeletal muscle regeneration. , 1993, 3, 210-256.		132

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19	Reconciling data from transgenic mice that overexpress IGF-I specifically in skeletal muscle. Growth Hormone and IGF Research, 2005, 15, 4-18.	1.1	124
20	Expression of Laminin Î±1, Î±2, Î±4, and Î±5 Chains, Fibronectin, and Tenascin-C in Skeletal Muscle of Dystrophic 129ReJdy/dyMice. Experimental Cell Research, 1999, 246, 165-182.	2.6	118
21	Macrophages and dendritic cells in normal and regenerating murine skeletal muscle. Muscle and Nerve, 1997, 20, 158-166.	2.2	117
22	Delayed but excellent myogenic stem cell response of regenerating geriatric skeletal muscles in mice. Biogerontology, 2010, 11, 363-376.	3.9	117
23	Muscle regeneration: molecular aspects and therapeutic implications. Current Opinion in Neurology, 1999, 12, 535-543.	3.6	114
24	Targeted expression of insulin-like growth factor-i reduces early myofiber necrosis in dystrophic mdx mice. Molecular Therapy, 2004, 10, 829-843.	8.2	103
25	Cromolyn administration (to block mast cell degranulation) reduces necrosis of dystrophic muscle in mdx mice. Neurobiology of Disease, 2006, 23, 387-397.	4.4	99
26	Direct evidence that inflammatory multinucleate giant cells form by fusion. Journal of Pathology, 1982, 137, 177-180.	4.5	96
27	Cellular differences in the regeneration of murine skeletal muscle: a quantitative histological study in SJL/J and BALB/c mice. Cell and Tissue Research, 1992, 269, 159-166.	2.9	95
28	Phagocytosis of necrotic muscle in muscle isografts is influenced by the strain, age, and sex of host mice. Journal of Pathology, 1987, 153, 71-82.	4.5	89
29	Voluntary resistance wheel exercise from mid-life prevents sarcopenia and increases markers of mitochondrial function and autophagy in muscles of old male and female C57BL/6J mice. Skeletal Muscle, 2016, 6, 45.	4.2	87
30	Myotube Formation is Delayed but not Prevented in MyoD-deficient Skeletal Muscle: Studies in Regenerating Whole Muscle Grafts of Adult Mice. Journal of Histochemistry and Cytochemistry, 2000, 48, 1531-1543.	2.5	83
31	Of bears, frogs, meat, mice and men: complexity of factors affecting skeletal muscle mass and fat. BioEssays, 2006, 28, 994-1009.	2.5	82
32	Oxidative stress as a therapeutic target during muscle wasting: considering the complex interactions. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 408-416.	2.5	82
33	Extracellular Matrix, Growth Factors, Genetics: Their Influence on Cell Proliferation and Myotube Formation in Primary Cultures of Adult Mouse Skeletal Muscle. Experimental Cell Research, 1995, 219, 169-179.	2.6	81
34	Reduced muscle necrosis and long-term benefits in dystrophic mdx mice after cV1q (blockade of TNF) treatment. Neuromuscular Disorders, 2008, 18, 227-238.	0.6	80
35	A growth stimulus is needed for IGF-1 to induce skeletal muscle hypertrophy in vivo. Journal of Cell Science, 2010, 123, 960-971.	2.0	77
36	IMPLICATIONS OF CROSSâ€TALK BETWEEN TUMOUR NECROSIS FACTOR AND INSULINâ€LIKE GROWTH FACTORâ€1 SIGNALLING IN SKELETAL MUSCLE. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 846-851.	1.9	76

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37	Immunobiology and the Future of Myoblast Transfer Therapy. Molecular Therapy, 2000, 1, 304-313.	8.2	74
38	Biomarkers for Duchenne muscular dystrophy: myonecrosis, inflammation and oxidative stress. DMM Disease Models and Mechanisms, 2020, 13, dmm043638.	2.4	74
39	Molecular analyses provide insight into mechanisms underlying sarcopenia and myofibre denervation in old skeletal muscles of mice. International Journal of Biochemistry and Cell Biology, 2014, 53, 174-185.	2.8	72
40	N-Acetylcysteine treatment of dystrophic mdx mice results in protein thiol modifications and inhibition of exercise induced myofibre necrosis. Neuromuscular Disorders, 2012, 22, 427-434.	0.6	69
41	Enhancing translation: Guidelines for standard pre-clinical experiments in mdx mice. Neuromuscular Disorders, 2012, 22, 43-49.	0.6	67
42	Lean Mass, Muscle Strength and Gene Expression in Community Dwelling Older Men: Findings from the Hertfordshire Sarcopenia Study (HSS). Calcified Tissue International, 2014, 95, 308-316.	3.1	66
43	The Exogenous Administration of Basic Fibroblast Growth Factor to Regenerating Skeletal Muscle in Mice Does Not Enhance the Process of Regeneration. Growth Factors, 1996, 13, 37-55.	1.7	65
44	Problems and solutions in myoblast transfer therapy. Journal of Cellular and Molecular Medicine, 2001, 5, 33-47.	3.6	65
45	Exposure to Tissue Culture Conditions Can Adversely Affect Myoblast Behavior in Vivo in Whole Muscle Grafts: Implications for Myoblast Transfer Therapy. Cell Transplantation, 2000, 9, 379-393.	2.5	63
46	Interactions between Skeletal Muscle Myoblasts and their Extracellular Matrix Revealed by a Serum Free Culture System. PLoS ONE, 2015, 10, e0127675.	2.5	63
47	Lipid Accumulation in Dysferlin-Deficient Muscles. American Journal of Pathology, 2014, 184, 1668-1676.	3.8	59
48	Increasing taurine intake and taurine synthesis improves skeletal muscle function in the mdx mouse model for Duchenne muscular dystrophy. Journal of Physiology, 2016, 594, 3095-3110.	2.9	57
49	The long and short of non-coding RNAs during post-natal growth and differentiation of skeletal muscles: Focus on lncRNA and miRNAs. Differentiation, 2016, 92, 237-248.	1.9	57
50	The contribution of exogenous cells to regenerating skeletal muscle : An isoenzyme study of muscle allografts in mice. Journal of Pathology, 1980, 132, 325-341.	4.5	56
51	Analysis of the callipyge phenotype through skeletal muscle development; association of Dlk1 with muscle precursor cells. Differentiation, 2008, 76, 283-298.	1.9	56
52	A single 30min treadmill exercise session is suitable for â€˜proof-of concept studiesâ€™ in adult mdx mice: A comparison of the early consequences of two different treadmill protocols. Neuromuscular Disorders, 2012, 22, 170-182.	0.6	56
53	The need to more precisely define aspects of skeletal muscle regeneration. International Journal of Biochemistry and Cell Biology, 2014, 56, 56-65.	2.8	56
54	Laminin Î±4 and Integrin Î±6 Are Upregulated in Regenerating dy/dy Skeletal Muscle: Comparative Expression of Laminin and Integrin Isoforms in Muscles Regenerating after Crush Injury. Experimental Cell Research, 2000, 256, 500-514.	2.6	52

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55	Differential thiol oxidation of the signaling proteins Akt, PTEN or PP2A determines whether Akt phosphorylation is enhanced or inhibited by oxidative stress in C2C12 myotubes derived from skeletal muscle. International Journal of Biochemistry and Cell Biology, 2015, 62, 72-79.	2.8	51
56	Silencing TNFÎ± activity by using Remicade or Enbrel blocks inflammation in whole muscle grafts: an in vivo bioassay to assess the efficacy of anti-cytokine drugs in mice. Cell and Tissue Research, 2005, 320, 509-515.	2.9	49
57	Dystropathology Increases Energy Expenditure and Protein Turnover in the Mdx Mouse Model of Duchenne Muscular Dystrophy. PLoS ONE, 2014, 9, e89277.	2.5	49
58	Imaging deep skeletal muscle structure using a high-sensitivity ultrathin side-viewing optical coherence tomography needle probe. Biomedical Optics Express, 2014, 5, 136.	2.9	48
59	Skeletal Muscle Degeneration and Regeneration in Mice and Flies. Current Topics in Developmental Biology, 2014, 108, 247-281.	2.2	47
60	Taurine deficiency, synthesis and transport in the mdx mouse model for Duchenne Muscular Dystrophy. International Journal of Biochemistry and Cell Biology, 2015, 66, 141-148.	2.8	47
61	High mTORC1 signaling is maintained, while protein degradation pathways are perturbed in old murine skeletal muscles in the fasted state. International Journal of Biochemistry and Cell Biology, 2016, 78, 10-21.	2.8	46
62	Retarded myogenic cell replication in regenerating skeletal muscles of old mice: an autoradiographic study in young and old BALBc and SJL/J mice. Cell and Tissue Research, 1995, 280, 277-282.	2.9	45
63	Quantitation of muscle precursor cell activity in skeletal muscle by Northern analysis of MyoD and myogenin expression: Application to dystrophic (mdx) mouse muscle. Molecular and Cellular Neurosciences, 1992, 3, 326-331.	2.2	44
64	The host environment determines strain-specific differences in the timing of skeletal muscle regeneration: cross-transplantation studies between SJL/J and BALB/c mice. Journal of Anatomy, 1997, 191, 585-594.	1.5	44
65	Insulin-like growth factor I slows the rate of denervation induced skeletal muscle atrophy. Neuromuscular Disorders, 2005, 15, 139-146.	0.6	44
66	Initiation and duration of myogenic precursor cell replication in transplants of intact skeletal muscles: An autoradiographic study in mice. The Anatomical Record, 1989, 224, 1-6.	1.8	43
67	Myoblast structure affects subsequent skeletal myotube morphology and sarcomere assembly. Experimental Cell Research, 2003, 291, 435-450.	2.6	43
68	Macrophage Depletion in Elderly Mice Improves Response to Tumor Immunotherapy, Increases Anti-tumor T Cell Activity and Reduces Treatment-Induced Cachexia. Frontiers in Genetics, 2018, 9, 526.	2.3	42
69	Intrinsic Differences in MyoD and Myogenin Expression between Primary Cultures of SJL/J and BALB/C Skeletal Muscle. Experimental Cell Research, 1994, 211, 99-107.	2.6	41
70	Muscle-specific overexpression of IGF-I improves E-C coupling in skeletal muscle fibers from dystrophic mdx mice. American Journal of Physiology - Cell Physiology, 2008, 294, C161-C168.	4.6	41
71	Levels of inflammation and oxidative stress, and a role for taurine in dystropathology of the Golden Retriever Muscular Dystrophy dog model for Duchenne Muscular Dystrophy. Redox Biology, 2016, 9, 276-286.	9.0	41
72	Skeletal muscle regeneration after crush injury in dystrophic mdx mice: An autoradiographic study. Muscle and Nerve, 1992, 15, 580-586.	2.2	38

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73	Treating Muscular Dystrophy with Stem Cells?. Cell, 2006, 127, 1304-1306.	28.9	38
74	Therapies for sarcopenia and regeneration of old skeletal muscles. Bioarchitecture, 2014, 4, 81-87.	1.5	38
75	IGF1 stimulates greater muscle hypertrophy in the absence of myostatin in male mice. Journal of Endocrinology, 2017, 234, 187-200.	2.6	38
76	Preâ€clinical evaluation of <i>N</i>â€acetylcysteine reveals side effects in the <i>mdx</i> mouse model of Duchenne muscular dystrophy. Journal of Physiology, 2017, 595, 7093-7107.	2.9	36
77	Measurement of sub-membrane [Ca2+] in adult myofibers and cytosolic [Ca2+] in myotubes from normal and mdx mice using the Ca2+ indicator FFP-18. Cell Calcium, 2006, 40, 299-307.	2.4	34
78	INNATE INFLAMMATORY CELLS ARE NOT RESPONSIBLE FOR EARLY DEATH OF DONOR MYOBLASTS AFTER MYOBLAST TRANSFER THERAPY. Transplantation, 2004, 77, 1790-1797.	1.0	33
79	Growing muscle has different sarcolemmal properties from adult muscle: A proposal with scientific and clinical implications. BioEssays, 2011, 33, 458-468.	2.5	33
80	Screening for increased protein thiol oxidation in oxidatively stressed muscle tissue. Free Radical Research, 2011, 45, 991-999.	3.3	33
81	Quantification of Ceroid and Lipofuscin in Skeletal Muscle. Journal of Histochemistry and Cytochemistry, 2011, 59, 769-779.	2.5	33
82	Myogenic cell replication in minced skeletal muscle isografts of Swiss and BALBc mice. Muscle and Nerve, 1990, 13, 305-313.	2.2	32
83	A Potential Alternative Strategy for Myoblast Transfer Therapy: The use of Sliced Muscle Grafts. Cell Transplantation, 1996, 5, 421-429.	2.5	32
84	Selective modulation through the glucocorticoid receptor ameliorates muscle pathology in <i>mdx</i> mice. Journal of Pathology, 2013, 231, 223-235.	4.5	31
85	Silk fibroin scaffolds with muscle-like elasticity support in vitro differentiation of human skeletal muscle cells. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 3178-3192.	2.7	31
86	Complexity of Extracellular Matrix and Skeletal Muscle Regeneration. , 2008, , 269-302.		31
87	Obstacles and challenges for tissue engineering and regenerative medicine: Australian nuances. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 390-400.	1.9	30
88	Mouse models for muscular dystrophies: an overview. DMM Disease Models and Mechanisms, 2020, 13, dmm043562.	2.4	30
89	Leukaemia inhibitory factor increases myoblast replication and survival and affects extracellular matrix production: combined in vivo and in vitro studies in post-natal skeletal muscle. Cell and Tissue Research, 2001, 306, 129-141.	2.9	29
90	Treatment with the cysteine precursor l-2-oxothiazolidine-4-carboxylate (OTC) implicates taurine deficiency in severity of dystropathology in mdx mice. International Journal of Biochemistry and Cell Biology, 2013, 45, 2097-2108.	2.8	29

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91	A Neurogenic Perspective of Sarcopenia: Time Course Study of Sciatic Nerves From Aging Mice. Journal of Neuropathology and Experimental Neurology, 2016, 75, 464-478.	1.7	29
92	Early Regeneration of Whole Skeletal Muscle Grafts Is Unaffected by Overexpression of IGF-1 in MLC/mIGF-1 Transgenic Mice. Journal of Histochemistry and Cytochemistry, 2004, 52, 873-883.	2.5	28
93	Enhancement of Neovascularization in Regenerating Skeletal Muscle by the Sustained Release of Erucamide from a Polymer Matrix. Journal of Biomaterials Applications, 1996, 10, 230-249.	2.4	27
94	A role for natural killer cells in the rapid death of cultured donor myoblasts after transplantation. Transplantation, 2003, 75, 863-871.	1.0	27
95	The allure of stem cell therapy for muscular dystrophy. Neuromuscular Disorders, 2007, 17, 206-208.	0.6	27
96	Identification of muscle necrosis in the mdx mouse model of Duchenne muscular dystrophy using three-dimensional optical coherence tomography. Journal of Biomedical Optics, 2011, 16, 076013.	2.6	27
97	Myogenic cells of regenerating adult chicken muscle can fuse into myotubes after a single cell division in vivo. Experimental Cell Research, 1989, 180, 429-439.	2.6	25
98	The absence of MyoD in regenerating skeletal muscle affects the expression pattern of basement membrane, interstitial matrix and integrin molecules that is consistent with delayed myotube formation. Acta Histochemica, 2001, 103, 379-396.	1.8	25
99	Quantitative assessment of muscle damage in the mdx mouse model of Duchenne muscular dystrophy using polarization-sensitive optical coherence tomography. Journal of Applied Physiology, 2013, 115, 1393-1401.	2.5	25
100	Optical coherence tomography can assess skeletal muscle tissue from mouse models of muscular dystrophy by parametric imaging of the attenuation coefficient. Biomedical Optics Express, 2014, 5, 1217.	2.9	25
101	The timing between skeletal muscle myoblast replication and fusion into myotubes, and the stability of regenerated dystrophic myofibres: an autoradiographic study in mdx mice. Journal of Anatomy, 1999, 194, 287-295.	1.5	24
102	Reutilisation of tritiated thymidine in studies of regenerating skeletal muscle. Cell and Tissue Research, 1987, 250, 141-148.	2.9	22
103	Article Commentary: Commentary on the Present State of Knowledge for Myoblast Transfer Therapy. Cell Transplantation, 1996, 5, 431-433.	2.5	22
104	Short-Term Feed Deprivation Rapidly Induces the Protein Degradation Pathway in Skeletal Muscles of Young Mice. Journal of Nutrition, 2013, 143, 403-409.	2.9	22
105	Dysferlin deficiency alters lipid metabolism and remodels the skeletal muscle lipidome in mice. Journal of Lipid Research, 2019, 60, 1350-1364.	4.2	22
106	The role of p53 in vivo during skeletal muscle post-natal development and regeneration: studies in p53 knockout mice. International Journal of Developmental Biology, 2002, 46, 577-82.	0.6	22
107	Enhanced migration and fusion of donor myoblasts in dystrophic and normal host muscle. , 2000, 23, 560-574.		21
108	MicroRNA expression patterns in post-natal mouse skeletal muscle development. BMC Genomics, 2017, 18, 52.	2.8	21

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109	MicroRNA and Long Non-coding RNA Regulation in Skeletal Muscle From Growth to Old Age Shows Striking Dysregulation of the Callipyge Locus. Frontiers in Genetics, 2018, 9, 548.	2.3	21
110	The genotype of bone marrow-derived inflammatory cells does not account for differences in skeletal muscle regeneration between SJL/J and BALB/c mice. Cell and Tissue Research, 1995, 280, 407-413.	2.9	20
111	Adeno-Associated Virus-Mediated Vascular Endothelial Growth Factor Gene Therapy in Skeletal Muscle before Transplantation Promotes Revascularization of Regenerating Muscle. Tissue Engineering, 2002, 8, 879-891.	4.6	20
112	Superior Survival and Proliferation after Transplantation of Myoblasts Obtained from Adult Mice Compared with Neonatal Mice. Transplantation, 2004, 78, 1172-1176.	1.0	20
113	The different impact of a high fat diet on dystrophic mdx and control C57Bl/10 mice.. PLOS Currents, 2011, 3, RRN1276.	1.4	20
114	A potential alternative strategy for myoblast transfer therapy: The use of sliced muscle grafts. Cell Transplantation, 1996, 5, 421-429.	2.5	19
115	Irradiation of dystrophic host tissue prior to myoblast transfer therapy enhances initial (but not) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	19
116	[MD-16-0004R1] Increased taurine in pre-weaned juvenile mdx mice greatly reduces the acute onset of myofibre necrosis and dystropathology and prevents inflammation. PLOS Currents, 2016, 8, .	1.4	19
117	Improving translatability of preclinical studies for neuromuscular disorders: lessons from the TREAT-NMD Advisory Committee for Therapeutics (TACT). DMM Disease Models and Mechanisms, 2020, 13, .	2.4	18
118	Beneficial effects of high dose taurine treatment in juvenile dystrophic mdx mice are offset by growth restriction. PLoS ONE, 2017, 12, e0187317.	2.5	18
119	Muscle precursor replication after repeated regeneration of skeletal muscle in mice. Anatomy and Embryology, 1989, 180, 471-478.	1.5	17
120	Complement and myoblast transfer therapy: Donor myoblast survival is enhanced following depletion of host complement C3 using cobra venom factor, but not in the absence of C5. Immunology and Cell Biology, 2001, 79, 231-239.	2.3	17
121	Absence of MyoD Increases Donor Myoblast Migration into Host Muscle. Experimental Cell Research, 2001, 267, 267-274.	2.6	16
122	Insulin-like growth factor-1 overexpression in cardiomyocytes diminishes ex vivo heart functional recovery after acute ischemia. Cardiovascular Pathology, 2012, 21, 17-27.	1.6	16
123	Visualizing and quantifying oxidized protein thiols in tissue sections: A comparison of dystrophic mdx and normal skeletal mouse muscles. Free Radical Biology and Medicine, 2013, 65, 1408-1416.	2.9	15
124	Use of pifithrin to inhibit p53-mediated signalling of TNF in dystrophic muscles of mdx mice. Molecular and Cellular Biochemistry, 2010, 337, 119-131.	3.1	14
125	Dysferlin-deficiency has greater impact on function of slow muscles, compared with fast, in aged BLAJ mice. PLoS ONE, 2019, 14, e0214908.	2.5	13
126	Therapeutic Interventions for Age-related Muscle Wasting. , 2003, , 139-166.		13

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127	Three-dimensional optical coherence tomography of whole-muscle autografts as a precursor to morphological assessment of muscular dystrophy in mice. Journal of Biomedical Optics, 2008, 13, 011003.	2.6	12
128	Protein thiol oxidation does not change in skeletal muscles of aging female mice. Biogerontology, 2014, 15, 87-98.	3.9	12
129	Age-related loss of VGLUT1 excitatory, but not VGAT inhibitory, immunoreactive terminals on motor neurons in spinal cords of old sarcopenic male mice. Biogerontology, 2018, 19, 385-399.	3.9	12
130	A decade of optimizing drug development for rare neuromuscular disorders through TACT. Nature Reviews Drug Discovery, 2020, 19, 1-2.	46.4	12
131	Improved chimaeric mouse model confirms that resident peritoneal macrophages are derived solely from bone marrow precursors. Journal of Pathology, 1984, 144, 81-87.	4.5	10
132	Expression patterns of regulatory RNAs, including lncRNAs and tRNAs, during postnatal growth of normal and dystrophic (mdx) mouse muscles, and their response to taurine treatment. International Journal of Biochemistry and Cell Biology, 2018, 99, 52-63.	2.8	10
133	Cilia, Centrosomes and Skeletal Muscle. International Journal of Molecular Sciences, 2021, 22, 9605.	4.1	10
134	Can cells extruded from denervated skeletal muscle become circulating potential myoblasts?. Cell and Tissue Research, 1985, 242, 25-32.	2.9	9
135	The physiological effects of IGF-1 (class 1:Ea transgene) over-expression on exercise-induced damage and adaptation in dystrophic muscles of mdx mice. Pflugers Archiv European Journal of Physiology, 2009, 457, 1121-1132.	2.8	9
136	Myoblast Transfer Therapy in the New Millennium. Cell Transplantation, 2000, 9, 485-487.	2.5	8
137	An evaluation of leukaemia inhibitory factor as a potential therapeutic agent in the treatment of muscle disease. Neuromuscular Disorders, 2002, 12, 909-916.	0.6	7
138	Resistance wheel exercise from mid-life has minimal effect on sciatic nerves from old mice in which sarcopenia was prevented. Biogerontology, 2017, 18, 769-790.	3.9	7
139	The development of fibre types in grafts of a slow tonic avian muscle, the dorsocutaneous latissimus dorsi. Cell Differentiation, 1986, 19, 207-224.	0.4	6
140	Oxidative damage to urinary proteins from the GRMD dog and mdx mouse as biomarkers of dystropathology in Duchenne muscular dystrophy. PLoS ONE, 2020, 15, e0240317.	2.5	6
141	A Blood Biomarker for Duchenne Muscular Dystrophy Shows That Oxidation State of Albumin Correlates with Protein Oxidation and Damage in Mdx Muscle. Antioxidants, 2021, 10, 1241.	5.1	6
142	The Proliferation and Fusion of Myoblasts In Vivo. Advances in Experimental Medicine and Biology, 1990, 280, 101-106.	1.6	6
143	Retarded myogenic cell replication in regenerating skeletal muscles of old mice: an autoradiographic study in young and old BALBc and SJL/J mice. Cell and Tissue Research, 1995, 280, 277-282.	2.9	6
144	Harnessing the therapeutic potential of myogenic stem cells. Cytotechnology, 2003, 41, 153-164.	1.6	5

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145	Muscle-derived stem cells: Implications for effective myoblast transfer therapy. IUBMB Life, 2005, 57, 731-736.	3.4	5
146	227 th ENMC International Workshop:. Neuromuscular Disorders, 2018, 28, 185-192.	0.6	5
147	Implications of increased S100Î² and Tau5 proteins in dystrophic nerves of two mdx mouse models for Duchenne muscular dystrophy. Molecular and Cellular Neurosciences, 2020, 105, 103484.	2.2	5
148	Dystrophic Dmd rats show early neuronal changes (increased S100Î² and Tau5) at 8Âmonths, supporting severe dystropathology in this rodent model of Duchenne muscular dystrophy. Molecular and Cellular Neurosciences, 2020, 108, 103549.	2.2	5
149	Ageing contributes to phenotype transition in a mouse model of periodic paralysis. JCSM Rapid Communications, 2021, 4, 245-259.	1.6	4
150	Role of IGF-1 in Age-Related Loss of Skeletal Muscle Mass and Function. , 2011, , 393-418.		3
151	The genotype of bone marrow-derived inflammatory cells does not account for differences in skeletal muscle regeneration between SJL/J and BALB/c mice. Cell and Tissue Research, 1995, 280, 407-413.	2.9	3
152	Strategies to Reduce Age-Related Skeletal Muscle Wasting. , 2005, , 63-84.		3
153	Myogenic precursor cells. , 0, , 20-36.		1
154	Editorial. International Journal of Biochemistry and Cell Biology, 2014, 56, 2-3.	2.8	1
155	Rapid death of injected myoblasts in myoblast transfer therapy. , 1996, 19, 853.		1
156	IGFâ€I improves excitationâ€contraction coupling in skeletal muscle fibers of dystrophic mdx mice. FASEB Journal, 2007, 21, A1357.	0.5	1
157	Factors Controlling Movement of Skeletal Muscles. Leonardo, 2015, 48, 270-271.	0.3	0
158	Reply from Gavin J. Pinniger, Jessica R. Terrill, Miranda D. Grounds and Peter G. Arthur. Journal of Physiology, 2018, 596, 739-739.	2.9	0
159	Characterizing the elasticity of skeletal muscle using quantitative micro-elastography. , 2021, , .		0