

# Maurilio Sampaolesi

## List of Publications by Year in descending order

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173  
papers

10,444  
citations

66343

42  
h-index

34986

98  
g-index

188  
all docs

188  
docs citations

188  
times ranked

12524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human iPSC model reveals a central role for NOX4 and oxidative stress in Duchenne cardiomyopathy. <i>Stem Cell Reports</i> , 2022, 17, 352-368.	4.8	15
2	Epigenetic modifications in induced pluripotent stem cells to boost myogenic commitment. , 2022, , 197-223.		0
3	Diabetes-Induced Cellular Senescence and Senescence-Associated Secretory Phenotype Impair Cardiac Regeneration and Function Independently of Age. <i>Diabetes</i> , 2022, 71, 1081-1098.	0.6	30
4	Myoblast 3D bioprinting to burst in vitro skeletal muscle differentiation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 484-495.	2.7	21
5	YAP/TEAD1 control of cytoskeleton dynamics and intracellular tension guides human pluripotent stem cell mesoderm specification. <i>Cell Death and Differentiation</i> , 2021, 28, 1193-1207.	11.2	33
6	Isolation of Mammalian Mesoangioblasts: A Subset of Pericytes with Myogenic Potential. <i>Methods in Molecular Biology</i> , 2021, 2235, 155-167.	0.9	3
7	Guide Cells Support Muscle Regeneration and Affect Neuro-Muscular Junction Organization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1939.	4.1	13
8	Actuation enhances patterning in human neural tube organoids. <i>Nature Communications</i> , 2021, 12, 3192.	12.8	43
9	Tissue damage induces a conserved stress response that initiates quiescent muscle stem cell activation. <i>Cell Stem Cell</i> , 2021, 28, 1125-1135.e7.	11.1	72
10	Merosin deficient congenital muscular dystrophy type 1A: An international workshop on the road to therapy 15-17 November 2019, Maastricht, the Netherlands. <i>Neuromuscular Disorders</i> , 2021, 31, 673-680.	0.6	2
11	Valproic acid stimulates myogenesis in pluripotent stem cell-derived mesodermal progenitors in a NOTCH-dependent manner. <i>Cell Death and Disease</i> , 2021, 12, 677.	6.3	10
12	Myogenic Cell Transplantation in Genetic and Acquired Diseases of Skeletal Muscle. <i>Frontiers in Genetics</i> , 2021, 12, 702547.	2.3	18
13	Upregulation of miR181a/miR212 Improves Myogenic Commitment in Murine Fusion-Negative Rhabdomyosarcoma. <i>Frontiers in Physiology</i> , 2021, 12, 701354.	2.8	6
14	Human motor units in microfluidic devices are impaired by FUS mutations and improved by HDAC6 inhibition. <i>Stem Cell Reports</i> , 2021, 16, 2213-2227.	4.8	47
15	Generation of Human Motor Units with Functional Neuromuscular Junctions in Microfluidic Devices. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	4
16	Improved functionality and potency of next generation BinMLV viral vectors toward safer gene therapy. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 23, 51-67.	4.1	2
17	Therapeutic Implications of miRNAs for Muscle-Wasting Conditions. <i>Cells</i> , 2021, 10, 3035.	4.1	17
18	Incomplete Assembly of the Dystrophin-Associated Protein Complex in 2D and 3D-Cultured Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 737840.	3.7	10

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19	Autologous micrograft accelerates endogenous wound healing response through ERK-induced cell migration. <i>Cell Death and Differentiation</i> , 2020, 27, 1520-1538.	11.2	29
20	Interstitial Cell Remodeling Promotes Aberrant Adipogenesis in Dystrophic Muscles. <i>Cell Reports</i> , 2020, 31, 107597.	6.4	64
21	Muscle Microbiopsy to Delineate Stem Cell Involvement in Young Patients: A Novel Approach for Children With Cerebral Palsy. <i>Frontiers in Physiology</i> , 2020, 11, 945.	2.8	13
22	MICAL2 is essential for myogenic lineage commitment. <i>Cell Death and Disease</i> , 2020, 11, 654.	6.3	17
23	In Vivo Myoblasts Tracking Using the Sodium Iodide Symporter Gene Expression in Dogs. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 317-327.	4.1	5
24	In vivo stem cell tracking using scintigraphy in a canine model of DMD. <i>Scientific Reports</i> , 2020, 10, 10681.	3.3	6
25	Interleukin-4 administration improves muscle function, adult myogenesis, and lifespan of colon carcinoma-bearing mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 783-801.	7.3	42
26	Human fetal mesoangioblasts reveal tissue-dependent transcriptional signatures. <i>Stem Cells Translational Medicine</i> , 2020, 9, 575-589.	3.3	6
27	Zeb2 Regulates Myogenic Differentiation in Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2525.	4.1	7
28	Comprehensive Overview of Non-coding RNAs in Cardiac Development. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1229, 197-211.	1.6	3
29	Both ghrelin deletion and unacylated ghrelin overexpression preserve muscles in aging mice. <i>Aging</i> , 2020, 12, 13939-13957.	3.1	19
30	Medicinal Biotechnology for Disease Modeling, Clinical Therapy, and Drug Discovery and Development. , 2019, , 89-128.		6
31	Dystrophin deficiency leads to dysfunctional glutamate clearance in iPSC derived astrocytes. <i>Translational Psychiatry</i> , 2019, 9, 200.	4.8	18
32	MicroRNAs (miRs) in Muscle Gene Therapy. , 2019, , 99-119.		0
33	Diet Modulation Restores Autophagic Flux in Damaged Skeletal Muscle Cells. <i>Journal of Nutrition, Health and Aging</i> , 2019, 23, 739-745.	3.3	11
34	Next-generation muscle-directed gene therapy by in silico vector design. <i>Nature Communications</i> , 2019, 10, 492.	12.8	35
35	(Epi)genetic Modifications in Myogenic Stem Cells: From Novel Insights to Therapeutic Perspectives. <i>Cells</i> , 2019, 8, 429.	4.1	12
36	Growth Factor Screening in Dystrophic Muscles Reveals PDGFB/PDGFRB-Mediated Migration of Interstitial Stem Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1118.	4.1	12

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37	Pluripotent Stem Cells for Treating Heart Diseases. , 2019, , .		1
38	Healthy, mtDNA-mutation-free mesoangioblasts from mtDNA patients qualify for autologous therapy. Stem Cell Research and Therapy, 2019, 10, 405.	5.5	8
39	Activator Protein-1 Transcriptional Activity Drives Soluble Micrograft-Mediated Cell Migration and Promotes the Matrix Remodeling Machinery. Stem Cells International, 2019, 2019, 1-19.	2.5	5
40	Morphological and functional analyses of skeletal muscles from an immunodeficient animal model of limb-girdle muscular dystrophy type 2E. Muscle and Nerve, 2018, 58, 133-144.	2.2	9
41	Effect of frizzled related protein (FRZB) on muscles: an inverse relationship between FRZB and calpain-3 with potential impact on muscle dystrophy and osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, S401.	1.3	0
42	Folic Acid Exposure Rescues Spina Bifida Aperta Phenotypes in Human Induced Pluripotent Stem Cell Model. Scientific Reports, 2018, 8, 2942.	3.3	18
43	Aging affects the in vivo regenerative potential of human mesoangioblasts. Aging Cell, 2018, 17, e12714.	6.7	23
44	Interactions between microRNAs and long non-coding RNAs in cardiac development and repair. Pharmacological Research, 2018, 127, 58-66.	7.1	43
45	In the heart of the in vivo reprogramming. Stem Cell Investigation, 2018, 5, 38-38.	3.0	1
46	Ether-Oxygen Containing Electrospun Microfibrous and Sub-Microfibrous Scaffolds Based on Poly(butylene 1,4-cyclohexanedicarboxylate) for Skeletal Muscle Tissue Engineering. International Journal of Molecular Sciences, 2018, 19, 3212.	4.1	32
47	Dental Pulp Stem Cells Promote Wound Healing and Muscle Regeneration. , 2018, , 221-240.		0
48	The human somatostatin receptor type 2 as an imaging and suicide reporter gene for pluripotent stem cell-derived therapy of myocardial infarction. Theranostics, 2018, 8, 2799-2813.	10.0	12
49	Fate of mesoangioblasts in a vaginal birth injury model: influence of the route of administration. Scientific Reports, 2018, 8, 10604.	3.3	7
50	Molecular signature of progenitor cells isolated from young and adult human hearts. Scientific Reports, 2018, 8, 9266.	3.3	19
51	Stem Cell Technology in Cardiac Regeneration: A Pluripotent Stem Cell Promise. EBioMedicine, 2017, 16, 30-40.	6.1	81
52	Stem Cell Therapy in Muscle Degeneration. , 2017, , 55-91.		0
53	Molecular Imaging of Human Embryonic Stem Cells Stably Expressing Human PET Reporter Genes After Zinc Finger Nuclease-Mediated Genome Editing. Journal of Nuclear Medicine, 2017, 58, 1659-1665.	5.0	12
54	Effect of simulated vaginal birth on urethral function and vaginal smooth muscle contractility. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2017, 211, 205.	1.1	0

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55	Cell-based secondary prevention of childbirth-induced pelvic floor trauma. <i>Nature Reviews Urology</i> , 2017, 14, 373-385.	3.8	20
56	Peer review: (r)evolution needed. <i>Cardiovascular Research</i> , 2017, 113, e54-e56.	3.8	7
57	Physiological and pathological gestational cardiac hypertrophy: what can we learn from rodents? <i>Cardiovascular Research</i> , 2017, 113, 1533-1535.	3.8	4
58	Optimal delivery route of mesoangioblasts for stem cell therapy in rat model for simulated vaginal birth injury. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017, 211, 206.	1.1	0
59	In vivo tracking of canine myoblasts mediated by the sodium iodide symporter gene expression. <i>Neuromuscular Disorders</i> , 2017, 27, S189.	0.6	0
60	MicroRNAs promote skeletal muscle differentiation of mesodermal iPSC-derived progenitors. <i>Nature Communications</i> , 2017, 8, 1249.	12.8	24
61	Exploring Wound-Healing Genomic Machinery with a Network-Based Approach. <i>Pharmaceuticals</i> , 2017, 10, 55.	3.8	6
62	Activin A Modulates CRIPTO-1/HNF4 $\alpha$ Cells to Guide Cardiac Differentiation from Human Embryonic Stem Cells. <i>Stem Cells International</i> , 2017, 2017, 1-17.	2.5	11
63	Methotrexate and Valproic Acid Affect Early Neurogenesis of Human Amniotic Fluid Stem Cells from Myelomeningocele. <i>Stem Cells International</i> , 2017, 2017, 1-10.	2.5	8
64	Met-Activating Genetically Improved Chimeric Factor-1 Promotes Angiogenesis and Hypertrophy in Adult Myogenesis. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 309-317.	1.6	7
65	Human dental pulp pluripotent-like stem cells promote wound healing and muscle regeneration. <i>Stem Cell Research and Therapy</i> , 2017, 8, 175.	5.5	48
66	Increased Understanding of Stem Cell Behavior in Neurodegenerative and Neuromuscular Disorders by Use of Noninvasive Cell Imaging. <i>Stem Cells International</i> , 2016, 2016, 1-20.	2.5	13
67	Cardiac Niche Influences the Direct Reprogramming of Canine Fibroblasts into Cardiomyocyte-Like Cells. <i>Stem Cells International</i> , 2016, 2016, 1-13.	2.5	10
68	Poly(L-lactic Acid Nanofiber/Polyamidoamine Hydrogel Composites: Preparation, Properties, and Preliminary Evaluation as Scaffolds for Human Pluripotent Stem Cell Culturing. <i>Macromolecular Bioscience</i> , 2016, 16, 1533-1544.	4.1	31
69	628. Transposons Expressing Full-Length Human Dystrophin Enable Genetic Correction of Dystrophic Mesoangioblasts and iPS-Derived Mesoangioblast-Like Cells. <i>Molecular Therapy</i> , 2016, 24, S249.	8.2	0
70	Noggin inactivation affects the number and differentiation potential of muscle progenitor cells in vivo. <i>Scientific Reports</i> , 2016, 6, 31949.	3.3	15
71	No Identical Mesenchymal Stem Cells at Different Times and Sites: Human Committed Progenitors of Distinct Origin and Differentiation Potential Are Incorporated as Adventitial Cells in Microvessels. <i>Stem Cell Reports</i> , 2016, 6, 897-913.	4.8	378
72	Myomir dysregulation and reactive oxygen species in aged human satellite cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 462-470.	2.1	40

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73	<i>piggyBac</i> transposons expressing full-length human dystrophin enable genetic correction of dystrophic mesoangioblasts. <i>Nucleic Acids Research</i> , 2016, 44, 744-760.	14.5	25
74	Equine-Induced Pluripotent Stem Cells Retain Lineage Commitment Toward Myogenic and Chondrogenic Fates. <i>Stem Cell Reports</i> , 2016, 6, 55-63.	4.8	25
75	Smad1/5/8 are myogenic regulators of murine and human mesoangioblasts. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 73-87.	3.3	19
76	Unconventional Players on the Striated Muscle Field: microRNAs, Signaling Pathways and Epigenetic Regulators. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 554-560.	1.3	1
77	Sodium Iodide Symporter PET and BLI Noninvasively Reveal Mesoangioblast Survival in Dystrophic Mice. <i>Stem Cell Reports</i> , 2015, 5, 1183-1195.	4.8	17
78	Atmospheric pressure non-thermal plasma for the production of composite materials. , 2015, , .		0
79	Role of Inflammation in Muscle Homeostasis and Myogenesis. <i>Mediators of Inflammation</i> , 2015, 2015, 1-14.	3.0	197
80	Novel Therapeutic Approaches for Skeletal Muscle Dystrophies. , 2015, , .		1
81	Welcome to Cardiovascular Research in 2015. <i>Cardiovascular Research</i> , 2015, 105, 1-2.	3.8	0
82	Myogenic induction of adult and pluripotent stem cells using recombinant proteins. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 755-761.	2.1	10
83	Molecular signature of amniotic fluid derived stem cells in the fetal sheep model of myelomeningocele. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1521-1527.	1.6	24
84	Tissue clearing for confocal imaging of native and bio-artificial skeletal muscle. <i>Biotechnic and Histochemistry</i> , 2015, 90, 424-431.	1.3	20
85	The mesmiRizing complexity of microRNAs for striated muscle tissue engineering. <i>Advanced Drug Delivery Reviews</i> , 2015, 88, 37-52.	13.7	22
86	547: Amniotic fluid stem cells accelerate muscle regeneration. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, S273.	1.3	0
87	Mesodermal iPSC-derived progenitor cells functionally regenerate cardiac and skeletal muscle. <i>Journal of Clinical Investigation</i> , 2015, 125, 4463-4482.	8.2	56
88	Adult Stem Cells and Skeletal Muscle Regeneration. <i>Current Gene Therapy</i> , 2015, 15, 348-363.	2.0	33
89	Myogenic Potential of Canine Craniofacial Satellite Cells. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 90.	3.4	21
90	Stem Cells for the Treatment of Muscular Dystrophy. , 2014, , 529-542.		0

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91	Notch signaling regulates myogenic regenerative capacity of murine and human mesoangioblasts. <i>Cell Death and Disease</i> , 2014, 5, e1448-e1448.	6.3	32
92	Molecular and cell-based therapies for muscle degenerations: a road under construction. <i>Frontiers in Physiology</i> , 2014, 5, 119.	2.8	61
93	Medical and Regenerative Solutions for Congenital Diaphragmatic Hernia: A Perinatal Perspective. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 270-277.	1.3	15
94	Bedside to bench: a look at experimental research with a clinical trial checklist. <i>Cardiovascular Research</i> , 2014, 101, 1-3.	3.8	11
95	Metabolomic profile of amniotic fluid to evaluate lung maturity: the diaphragmatic hernia lamb model. <i>Multidisciplinary Respiratory Medicine</i> , 2014, 9, 54.	1.5	11
96	Fate choice of post-natal mesoderm progenitors: skeletal versus cardiac muscle plasticity. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 615-627.	5.4	8
97	Phosphocaveolin-1 Enforces Tumor Growth and Chemoresistance in Rhabdomyosarcoma. <i>PLoS ONE</i> , 2014, 9, e84618.	2.5	17
98	The role of PKC $\mu$ -dependent signaling for cardiac differentiation. <i>Histochemistry and Cell Biology</i> , 2013, 139, 35-46.	1.7	16
99	Altered functional differentiation of mesoangioblasts in a genetic myopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 419-428.	3.6	3
100	Stem cell highways: signalling beats trafficking?. <i>Cardiovascular Research</i> , 2013, 100, 178-180.	3.8	1
101	Stem Cells for the Treatment of Muscular Dystrophy. , 2013, , 641-651.		0
102	Long-term miR-669a Therapy Alleviates Chronic Dilated Cardiomyopathy in Dystrophic Mice. <i>Journal of the American Heart Association</i> , 2013, 2, e000284.	3.7	56
103	Correction: Corrigendum: Mesoangioblast stem cells ameliorate muscle function in dystrophic dogs. <i>Nature</i> , 2013, 494, 506-506.	27.8	6
104	Pluripotent Stem Cell Derivation and Differentiation Toward Cardiac Muscle: Novel Techniques and Advances in Patent Literature. <i>Recent Patents on Drug Delivery and Formulation</i> , 2013, 7, 18-28.	2.1	5
105	Nanocomposites Based on PLLA and Multi Walled Carbon Nanotubes Support the Myogenic Differentiation of Murine Myoblast Cell Line. <i>ISRN Tissue Engineering</i> , 2013, 2013, 1-8.	0.5	6
106	Role of miRNAs in Muscle Stem Cell Biology: Proliferation, Differentiation and Death. <i>Current Pharmaceutical Design</i> , 2012, 18, 1718-1729.	1.9	39
107	Alteration of Cardiac Progenitor Cell Potency in GRMD Dogs. <i>Cell Transplantation</i> , 2012, 21, 1945-1967.	2.5	19
108	Mouse and Human Mesoangioblasts: Isolation and Characterization from Adult Skeletal Muscles. <i>Methods in Molecular Biology</i> , 2012, 798, 65-76.	0.9	43

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109	Aberrant Functional Differentiation of Cardiac Precursors from a Dystrophic Mouse. Biophysical Journal, 2012, 102, 674a.	0.5	0
110	miRNAs in ESC differentiation. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H931-H939.	3.2	35
111	Implications for the mammalian sialidases in the physiopathology of skeletal muscle. Skeletal Muscle, 2012, 2, 23.	4.2	29
112	Tuning Multi/Pluri-Potent Stem Cell Fate by Electrospun Poly(L-lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (acid)-Ca	5.4	88
113	MmNEU3 sialidase overexpression in C2C12 myoblasts delays differentiation and induces hypertrophic myotube formation. Journal of Cellular Biochemistry, 2012, 113, 2967-2978.	2.6	23
114	Transplantation of Genetically Corrected Human iPSC-Derived Progenitors in Mice with Limb-Girdle Muscular Dystrophy. Science Translational Medicine, 2012, 4, 140ra89.	12.4	269
115	Pluripotent Stem Cell Derivation and Differentiation Toward Cardiac Muscle: Novel Techniques and Advances in Patent Literature. Recent Patents on Drug Delivery and Formulation, 2012, 7, 18-28.	2.1	0
116	P4.35 In vivo stem cell tracking using scintigraphy in the GRMD dog. Neuromuscular Disorders, 2011, 21, 714-715.	0.6	0
117	Canine adipose-derived-mesenchymal stem cells do not lose stem features after a long-term cryopreservation. Research in Veterinary Science, 2011, 91, 18-24.	1.9	122
118	Intrinsic cell memory reinforces myogenic commitment of pericyte-derived iPSCs. Journal of Pathology, 2011, 223, 593-603.	4.5	71
119	Differentiation Potential of Human Postnatal Mesenchymal Stem Cells, Mesoangioblasts, and Multipotent Adult Progenitor Cells Reflected in Their Transcriptome and Partially Influenced by the Culture Conditions. Stem Cells, 2011, 29, 871-882.	3.2	155
120	In vitro osteoblastic differentiation of human mesenchymal stem cells and human dental pulp stem cells on poly(L-lysine)-treated titanium-coated aluminum-vanadium. Journal of Biomedical Materials Research - Part A, 2011, 97A, 118-126.	4.4	24
121	Synthetic sulfonyl-hydrazone-1 positively regulates cardiomyogenic microRNA expression and cardiomyocyte differentiation of induced pluripotent stem cells. Journal of Cellular Biochemistry, 2011, 112, 2006-2014.	2.6	20
122	The Future of Induced Pluripotent Stem Cells for Cardiac Therapy and Drug Development. Current Pharmaceutical Design, 2011, 17, 3258-3270.	1.9	21
123	miR669a and miR669q prevent skeletal muscle differentiation in postnatal cardiac progenitors. Journal of Cell Biology, 2011, 193, 1197-1212.	5.2	77
124	Localization of Magic-F1 Transgene, Involved in Muscular Hypertrophy, during Early Myogenesis. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-9.	3.0	5
125	Alpha sarcoglycan is required for FGF-dependent myogenic progenitor cell proliferation in vitro and in vivo. Development (Cambridge), 2011, 138, 4523-4533.	2.5	25
126	Development of a New Tool for 3D Modeling for Regenerative Medicine. International Journal of Biomedical Imaging, 2011, 2011, 1-13.	3.9	3



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127	Human neural crest-derived postnatal cells exhibit remarkable embryonic attributes either in vitro or in vivo. , 2011, 21, 304-316.		52
128	Novel Hyperactive Transposons for Genetic Modification of Induced Pluripotent and Adult Stem Cells: A Nonviral Paradigm for Coaxed Differentiation. Stem Cells, 2010, 28, 1760-1771.	3.2	42
129	Cell therapy strategies and improvements for muscular dystrophy. Cell Death and Differentiation, 2010, 17, 1222-1229.	11.2	45
130	Cryopreservation Does Not Affect the Stem Characteristics of Multipotent Cells Isolated from Equine Peripheral Blood. Tissue Engineering - Part C: Methods, 2010, 16, 771-781.	2.1	80
131	Human cardiac mesoangioblasts isolated from hypertrophic cardiomyopathies are greatly reduced in proliferation and differentiation potency. Cardiovascular Research, 2009, 83, 707-716.	3.8	46
132	Cellular mechanisms and local progenitor activation to regulate skeletal muscle mass. Journal of Muscle Research and Cell Motility, 2009, 30, 243-253.	2.0	52
133	Transforming Growth Factor type $\beta^2$ and Smad family signaling in stem cell function. Cytokine and Growth Factor Reviews, 2009, 20, 449-458.	7.2	43
134	T.P.6.03 Restoring cell-basal lamina interaction to rescue tissue degeneration in congenital muscular dystrophy. Neuromuscular Disorders, 2009, 19, 633.	0.6	0
135	Stem Cells for the Treatment of Muscular Dystrophy. , 2009, , 543-550.		1
136	Skeletal myogenesis on highly orientated microfibrillar polyesterurethane scaffolds. Journal of Biomedical Materials Research - Part A, 2008, 84A, 1094-1101.	4.0	82
137	Lentiviral Vector Gene Transfer Is Limited by the Proteasome at Postentry Steps in Various Types of Stem Cells. Stem Cells, 2008, 26, 2142-2152.	3.2	51
138	Cardiac mesoangioblasts are committed, self-renewable progenitors, associated with small vessels of juvenile mouse ventricle. Cell Death and Differentiation, 2008, 15, 1417-1428.	11.2	94
139	NEU3 Sialidase Strictly Modulates GM3 Levels in Skeletal Myoblasts C2C12 Thus Favoring Their Differentiation and Protecting Them from Apoptosis. Journal of Biological Chemistry, 2008, 283, 36265-36271.	3.4	44
140	Magic-Factor 1, a Partial Agonist of Met, Induces Muscle Hypertrophy by Protecting Myogenic Progenitors from Apoptosis. PLoS ONE, 2008, 3, e3223.	2.5	36
141	Binding of sFRP-3 to EGF in the Extra-Cellular Space Affects Proliferation, Differentiation and Morphogenetic Events Regulated by the Two Molecules. PLoS ONE, 2008, 3, e2471.	2.5	16
142	Bisphosphovanadium, a phosphotyrosine phosphatase inhibitor, reprograms myogenic cells to acquire a pluripotent, circulating phenotype. FASEB Journal, 2007, 21, 3573-3583.	0.5	20
143	Autologous Transplantation of Muscle-Derived CD133+ Stem Cells in Duchenne Muscle Patients. Cell Transplantation, 2007, 16, 563-577.	2.5	214
144	Caffeine-induced Ca <sup>2+</sup> signaling as an index of cardiac differentiation. Journal of Molecular and Cellular Cardiology, 2007, 42, S89-S90.	1.9	0

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145	New therapies for Duchenne muscular dystrophy: challenges, prospects and clinical trials. Trends in Molecular Medicine, 2007, 13, 520-526.	6.7	152
146	Isolation and Characterization of Mesoangioblasts from Mouse, Dog, and Human Tissues. Current Protocols in Stem Cell Biology, 2007, 3, Unit 2B.1.	3.0	104
147	Pericytes of human skeletal muscle are myogenic precursors distinct from satellite cells. Nature Cell Biology, 2007, 9, 255-267.	10.3	899
148	Human postnatal dental pulp cells co-differentiate into osteoblasts and endotheliocytes: a pivotal synergy leading to adult bone tissue formation. Cell Death and Differentiation, 2007, 14, 1162-1171.	11.2	448
149	Sampaolesi et al. reply. Nature, 2007, 450, E23-E25.	27.8	3
150	Functional and morphological recovery of dystrophic muscles in mice treated with deacetylase inhibitors. Nature Medicine, 2006, 12, 1147-1150.	30.7	294
151	Mesoangioblast stem cells ameliorate muscle function in dystrophic dogs. Nature, 2006, 444, 574-579.	27.8	692
152	Reversine-treated fibroblasts acquire myogenic competence in vitro and in regenerating skeletal muscle. Cell Death and Differentiation, 2006, 13, 2042-2051.	11.2	89
153	Correction: Complete repair of dystrophic skeletal muscle by mesoangioblasts with enhanced migration ability. Journal of Cell Biology, 2006, 175, 361-361.	5.2	0
154	Correction: Complete repair of dystrophic skeletal muscle by mesoangioblasts with enhanced migration abilit. Journal of Cell Biology, 2006, 174, 605-605.	5.2	0
155	MyoD expression restores defective myogenic differentiation of human mesoangioblasts from inclusion-body myositis muscle. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16995-17000.	7.1	75
156	Complete repair of dystrophic skeletal muscle by mesoangioblasts with enhanced migration ability. Journal of Cell Biology, 2006, 174, 231-243.	5.2	187
157	Complete repair of dystrophic skeletal muscle by mesoangioblasts with enhanced migration ability. Journal of Experimental Medicine, 2006, 203, i21-i21.	8.5	0
158	Electrospun degradable polyesterurethane membranes: potential scaffolds for skeletal muscle tissue engineering. Biomaterials, 2005, 26, 4606-4615.	11.4	384
159	Tie2 identifies a hematopoietic lineage of proangiogenic monocytes required for tumor vessel formation and a mesenchymal population of pericyte progenitors. Cancer Cell, 2005, 8, 211-226.	16.8	1,212
160	Mesoangioblasts, Vessel-Associated Multipotent Stem Cells, Repair the Infarcted Heart by Multiple Cellular Mechanisms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 692-697.	2.4	88
161	Cell therapy of primary myopathies. Archives Italiennes De Biologie, 2005, 143, 235-42.	0.4	11
162	Extracellular HMGB1, a signal of tissue damage, induces mesoangioblast migration and proliferation. Journal of Cell Biology, 2004, 164, 441-449.	5.2	428

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163	Syntrophin is an actin-binding protein the cellular localization of which is regulated through cytoskeletal reorganization in skeletal muscle cells. <i>European Journal of Cell Biology</i> , 2004, 83, 555-565.	3.6	28
164	New therapies for muscular dystrophy: cautious optimism. <i>Trends in Molecular Medicine</i> , 2004, 10, 516-520.	6.7	60
165	Human circulating AC133+ stem cells restore dystrophin expression and ameliorate function in dystrophic skeletal muscle. <i>Journal of Clinical Investigation</i> , 2004, 114, 182-195.	8.2	315
166	Stem Cells for the Treatment of Muscular Dystrophy: More Than Wishful Thinking?. , 2004, , 721-729.		0
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