Helen M Blau

List of Publications by Year
in descending order

188 papers	34,532 citations	6254 80 h-index	4015 176 g-index
197 all docs	197 docs citations	197 times ranked	39144 citing authors

#	Article	IF	Citations
1	Dermatologist-level classification of skin cancer with deep neural networks. Nature, 2017, 542, 115-118.	27.8	8,203
2	From Marrow to Brain: Expression of Neuronal Phenotypes in Adult Mice. Science, 2000, 290, 1775-1779.	12.6	1,480
3	Designing materials to direct stem-cell fate. Nature, 2009, 462, 433-441.	27.8	1,276
4	Cytoplasmic activation of human nuclear genes in stable heterocaryons. Cell, 1983, 32, 1171-1180.	28.9	808
5	Objective comparison of particle tracking methods. Nature Methods, 2014, 11, 281-289.	19.0	805
6	Self-renewal and expansion of single transplanted muscle stem cells. Nature, 2008, 456, 502-506.	27.8	760
7	Biological Progression from Adult Bone Marrow to Mononucleate Muscle Stem Cell to Multinucleate Muscle Fiber in Response to Injury. Cell, 2002, 111, 589-601.	28.9	737
8	Nuclear reprogramming to a pluripotent state by three approaches. Nature, 2010, 465, 704-712.	27.8	694
9	VEGF Gene Delivery to Myocardium. Circulation, 2000, 102, 898-901.	1.6	672
10	Reprogramming towards pluripotency requires AID-dependent DNA demethylation. Nature, 2010, 463, 1042-1047.	27.8	620
11	Human induced pluripotent stem cellâ€“derived cardiomyocytes recapitulate the predilection of breast cancer patients to doxorubicin-induced cardiotoxicity. Nature Medicine, 2016, 22, 547-556.	30.7	573
12	DNA Demethylation Dynamics. Cell, 2011, 146, 866-872.	28.9	568
13	Argonaute 2/RISC resides in sites of mammalian mRNA decay known as cytoplasmic bodies. Nature Cell Biology, 2005, 7, 633-636.	10.3	556
14	Rejuvenation of the muscle stem cell population restores strength to injured aged muscles. Nature Medicine, 2014, 20, 255-264.	30.7	545
15	Fast muscle fibers are preferentially affected in Duchenne muscular dystrophy. Cell, 1988, 52, 503-513.	28.9	531
16	Microenvironmental VEGF concentration, not total dose, determines a threshold between normal and aberrant angiogenesis. Journal of Clinical Investigation, 2004, 113, 516-527.	8.2	440
17	Short Telomeres and Stem Cell Exhaustion Model Duchenne Muscular Dystrophy in mdx/mTR Mice. Cell, 2010, 143, 1059-1071.	28.9	428
18	Stable reprogrammed heterokaryons form spontaneously in Purkinje neurons after bone marrow transplant. Nature Cell Biology, 2003, 5, 959-966.	10.3	426

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19	Contribution of transplanted bone marrow cells to Purkinje neurons in human adult brains. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2088-2093.	7.1	420
20	Normal dystrophin transcripts detected in Duchenne muscular dystrophy patients after myoblast transplantation. Nature, 1992, 356, 435-438.	27.8	406
21	An objective comparison of cell-tracking algorithms. Nature Methods, 2017, 14, 1141-1152.	19.0	399
22	VEGF Gene Delivery to Muscle. Molecular Cell, 1998, 2, 549-558.	9.7	347
23	A benchmark for comparison of cell tracking algorithms. Bioinformatics, 2014, 30, 1609-1617.	4.1	345
24	The central role of muscle stem cells in regenerative failure with aging. Nature Medicine, 2015, 21, 854-862.	30.7	340
25	Bioengineering strategies to accelerate stem cell therapeutics. Nature, 2018, 557, 335-342.	27.8	316
26	Localization of muscle gene products in nuclear domains. Nature, 1989, 337, 570-573.	27.8	300
27	The fate of individual myoblasts after transplantation into muscles of DMD patients. Nature Medicine, 1997, 3, 970-977.	30.7	296
28	Accelerated age-related decline in replicative life-span of Duchenne muscular dystrophy myoblasts: Implications for cell and gene therapy. Somatic Cell and Molecular Genetics, 1990, 16, 557-565.	0.7	262
29	Contribution of hematopoietic stem cells to skeletal muscle. Nature Medicine, 2003, 9, 1528-1532.	30.7	238
30	Extensive fusion of haematopoietic cells with Purkinje neurons in response to chronic inflammation. Nature Cell Biology, 2008, 10, 575-583.	10.3	219
31	Three Slow Myosin Heavy Chains Sequentially Expressed in Developing Mammalian Skeletal Muscle. Developmental Biology, 1993, 158, 183-199.	2.0	203
32	Artificial Stem Cell Niches. Advanced Materials, 2009, 21, 3255-3268.	21.0	203
33	Tumor suppression by RNA from the 3â€² untranslated region of Î±-tropomyosin. Cell, 1993, 75, 1107-1117.	28.9	198
34	Non-invasive intravital imaging of cellular differentiation with a bright red-excitable fluorescent protein. Nature Methods, 2014, 11, 572-578.	19.0	196
35	Proteinâ€"protein interactions monitored in mammalian cells via complementation of Î²-lactamase enzyme fragments. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3469-3474.	7.1	195
36	Migration of myoblasts across basal lamina during skeletal muscle development. Nature, 1990, 345, 350-353.	27.8	194

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37	Muscle fiber pattern is independent of cell lineage in postnatal rodent development. Cell, 1992, 68, 659-671.	28.9	193
38	A brief history of RNAi: the silence of the genes. FASEB Journal, 2006, 20, 1293-1299.	0.5	191
39	Development of muscle fiber types in the prenatal rat hindlimb. Developmental Biology, 1990, 138, 256-274.	2.0	185
40	Developmental progression of myosin gene expression in cultured muscle cells. Cell, 1986, 46, 1075-1081.	28.9	178
41	Perturbation of single hematopoietic stem cell fates in artificial niches. Integrative Biology (United) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	170
42	Transient Inactivation of Rb and ARF Yields Regenerative Cells from Postmitotic Mammalian Muscle. Cell Stem Cell, 2010, 7, 198-213.	11.1	169
43	Effect of cell history on response to helixâ€"loopâ€"helix family of myogenic regulators. Nature, 1990, 344, 454-458.	27.8	163
44	Prostaglandin E2 is essential for efficacious skeletal muscle stem-cell function, augmenting regeneration and strength. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6675-6684.	7.1	160
45	Global Linking of Cell Tracks Using the Viterbi Algorithm. IEEE Transactions on Medical Imaging, 2015, 34, 911-929.	8.9	153
46	Differentiation Requires Continuous Active Control. Annual Review of Biochemistry, 1992, 61, 1213-1230.	11.1	152
47	Stem Cells in the Treatment of Disease. New England Journal of Medicine, 2019, 380, 1748-1760.	27.0	152
48	Differentiation of fiber types in aneural musculature of the prenatal rat hindlimb. Developmental Biology, 1990, 138, 275-295.	2.0	151
49	Reprogramming cell differentiation in the absence of DNA synthesis. Cell, 1984, 37, 879-887.	28.9	145
50	Isolation of human myoblasts with the fluorescence-activated cell sorter. Experimental Cell Research, 1988, 174, 252-265.	2.6	144
51	Restriction enzymeâ€"generated siRNA (REGS) vectors and libraries. Nature Genetics, 2004, 36, 183-189.	21.4	142
52	Purification of Mouse Primary Myoblasts Based on Î±7 Integrin Expression. Experimental Cell Research, 2001, 265, 212-220.	2.6	139
53	Noggin Suppression Enhances in Vitro Osteogenesis and Accelerates in Vivo Bone Formation. Journal of Biological Chemistry, 2007, 282, 26450-26459.	3.4	138
54	Tissue Stem Cells: Architects of Their Niches. Cell Stem Cell, 2020, 27, 532-556.	11.1	137

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55	Overexpression of Dimethylarginine Dimethylaminohydrolase Reduces Tissue Asymmetric Dimethylarginine Levels and Enhances Angiogenesis. Circulation, 2005, 111, 1431-1438.	1.6	136
56	Nuclear reprogramming: A key to stem cell function in regenerative medicine. Nature Cell Biology, 2004, 6, 810-816.	10.3	133
57	Bone marrow contribution to skeletal muscle: A physiological response to stress. Developmental Biology, 2005, 279, 336-344.	2.0	131
58	Transcriptional Control. Molecular Cell, 2000, 6, 723-728.	9.7	130
59	Gene Therapy â€" A Novel Form of Drug Delivery. New England Journal of Medicine, 1995, 333, 1204-1207.	27.0	122
60	Luminescent imaging of Î²-galactosidase activity in living subjects using sequential reporter-enzyme luminescence. Nature Methods, 2006, 3, 295-301.	19.0	122
61	Optimizing Techniques for Tracking Transplanted Stem Cells In Vivo. Stem Cells, 2005, 23, 1251-1265.	3.2	120
62	Myoblasts and macrophages share molecular components that contribute to cellâ€"cell fusion. Journal of Cell Biology, 2008, 180, 1005-1019.	5.2	118
63	Tetracycline-regulatable factors with distinct dimerization domains allow reversible growth inhibition by p16. Nature Genetics, 1998, 20, 389-393.	21.4	117
64	Microenvironmental VEGF distribution is critical for stable and functional vessel growth in ischemia. FASEB Journal, 2006, 20, 2657-2659.	0.5	117
65	A home away from home: Challenges and opportunities in engineering in vitro muscle satellite cell niches. Differentiation, 2009, 78, 185-194.	1.9	115
66	Role of telomere dysfunction in cardiac failure in Duchenne muscular dystrophy. Nature Cell Biology, 2013, 15, 895-904.	10.3	114
67	Hematopoietic contribution to skeletal muscle regeneration by myelomonocytic precursors. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13507-13512.	7.1	110
68	High-resolution myogenic lineage mapping by single-cell mass cytometry. Nature Cell Biology, 2017, 19, 558-567.	10.3	108
69	Recent advances in inducible gene expression systems. Current Opinion in Biotechnology, 1998, 9, 451-456.	6.6	106
70	The well-tempered vessel. Nature Medicine, 2001, 7, 532-534.	30.7	105
71	Muscle-Mediated Gene Therapy. New England Journal of Medicine, 1995, 333, 1554-1556.	27.0	103
72	Modelling diastolic dysfunction in induced pluripotent stem cell-derived cardiomyocytes from hypertrophic cardiomyopathy patients. European Heart Journal, 2019, 40, 3685-3695.	2.2	100

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73	Reevaluation of the Role of VEGF-B Suggests a Restricted Role in the Revascularization of the Ischemic Myocardium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1614-1620.	2.4	99
74	Improved media for normal human muscle satellite cells: Serum-free clonal growth and enhanced growth with low serum. In Vitro Cellular & Developmental Biology, 1988, 24, 833-844.	1.0	97
75	Glucose Metabolism Drives Histone Acetylation Landscape Transitions that Dictate Muscle Stem Cell Function. Cell Reports, 2019, 27, 3939-3955.e6.	6.4	94
76	Epidermal growth factor receptor dimerization monitored in live cells. Nature Biotechnology, 2000, 18, 218-222.	17.5	90
77	Significant differences among skeletal muscles in the incorporation of bone marrow-derived cells. Developmental Biology, 2003, 262, 64-74.	2.0	90
78	Therapeutic angiogenesis due to balanced singleâ€vector delivery of VEGF and PDGFâ€BB. FASEB Journal, 2012, 26, 2486-2497.	0.5	89
79	Early role for IL-6 signalling during generation of induced pluripotent stem cells revealed by heterokaryon RNA-Seq. Nature Cell Biology, 2013, 15, 1244-1252.	10.3	88
80	Humanizing the mdx mouse model of DMD: the long and the short of it. Npj Regenerative Medicine, 2018, 3, 4.	5.2	87
81	Transient delivery of modified mRNA encoding TERT rapidly extends telomeres in human cells. FASEB Journal, 2015, 29, 1930-1939.	0.5	85
82	Fusion Competence of Myoblasts Rendered Genetically Null for N-Cadherin in Culture. Journal of Cell Biology, 1997, 138, 331-336.	5.2	81
83	Immune Response and Myoblasts That Express Fas Ligand. Science, 1997, 278, 1322-1324.	12.6	81
84	Injectable biomimetic liquid crystalline scaffolds enhance muscle stem cell transplantation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7919-E7928.	7.1	81
85	The Fate of Myoblasts Following Transplantation into Mature Muscle. Experimental Cell Research, 1995, 220, 383-389.	2.6	80
86	High-efficiency retroviral infection of primary myoblasts. Somatic Cell and Molecular Genetics, 1997, 23, 203-209.	0.7	78
87	The pattern of actin expression in human fibroblast Ã— mouse muscle heterokaryons suggests that human muscle regulatory factors are produced. Cell, 1986, 47, 123-130.	28.9	77
88	Manipulation of myogenesis in vitro: Reversible inhibition by DMSO. Cell, 1979, 17, 95-108.	28.9	76
89	skNAC, a Smyd1-interacting transcription factor, is involved in cardiac development and skeletal muscle growth and regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20750-20755.	7.1	73
90	Induction of muscle stem cell quiescence by the secreted niche factor Oncostatin M. Nature Communications, 2018, 9, 1531.	12.8	73

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91	Active tissue-specific DNA demethylation conferred by somatic cell nuclei in stable heterokaryons. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4395-4400.	7.1	72
92	Negative control of the helix-loop-helix family of myogenic regulators in the NFB mutant. Cell, 1990, 62, 493-502.	28.9	71
93	Localized arteriole formation directly adjacent to the site of VEGF-Induced angiogenesis in muscle. Molecular Therapy, 2003, 7, 441-449.	8.2	71
94	Plasticity of cell fate: Insights from heterokaryons. Seminars in Cell and Developmental Biology, 1999, 10, 267-272.	5.0	67
95	How fixed is the differentiated state?. Trends in Genetics, 1989, 5, 268-272.	6.7	65
96	IGF-I increases bone marrow contribution to adult skeletal muscle and enhances the fusion of myelomonocytic precursors. Journal of Cell Biology, 2005, 171, 483-492.	5.2	64
97	Critical role of microenvironmental factors in angiogenesis. Current Atherosclerosis Reports, 2005, 7, 227-234.	4.8	63
98	Enzymatic detection of protein translocation. Nature Methods, 2005, 2, 521-527.	19.0	61
99	MicroRNA programs in normal and aberrant stem and progenitor cells. Genome Research, 2011, 21, 798-810.	5.5	61
100	Telomere shortening and metabolic compromise underlie dystrophic cardiomyopathy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13120-13125.	7.1	60
101	Highly Conserved RNA Sequences That Are Sensors of Environmental Stress. Molecular and Cellular Biology, 1998, 18, 7371-7382.	2.3	59
102	VEGF Gene Delivery for Treatment of Ischemic Cardiovascular Disease. Trends in Cardiovascular Medicine, 2002, 12, 108-114.	4.9	59
103	The Phosphoprotein Protein PEA-15 Inhibits Fas- but Increases TNF-R1-Mediated Caspase-8 Activity and Apoptosis. Developmental Biology, 1999, 216, 16-28.	2.0	58
104	Tumor suppressors: enhancers or suppressors of regeneration?. Development (Cambridge), 2013, 140, 2502-2512.	2.5	57
105	Hierarchies of regulatory genes may specify mammalian development. Cell, 1988, 53, 673-674.	28.9	54
106	Tetracycline-regulated gene expression following direct gene transfer into mouse skeletal muscle. Somatic Cell and Molecular Genetics, 1995, 21, 233-240.	0.7	54
107	Interaction blues: protein interactions monitored in live mammalian cells by Î²-galactosidase complementation. Trends in Cell Biology, 2000, 10, 119-122.	7.9	54
108	Myoblasts in pattern formation and gene therapy. Trends in Genetics, 1993, 9, 269-274.	6.7	52

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109	A method to codetect introduced genes and their products in gene therapy protocols. Nature Biotechnology, 1996, 14, 1012-1016.	17.5	51
110	Telomere shortening is a hallmark of genetic cardiomyopathies. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9276-9281.	7.1	51
111	Stem-cell fusion: A twist of fate. Nature, 2002, 419, 437-437.	27.8	49
112	Induction of angiogenesis by implantation of encapsulated primary myoblasts expressing vascular endothelial growth factor. Journal of Gene Medicine, 2000, 2, 279-288.	2.8	48
113	Gene Delivery to Muscle. Current Protocols in Human Genetics, 2001, 31, Unit13.4.	3.5	48
114	Single-cell phospho-specific flow cytometric analysis demonstrates biochemical and functional heterogeneity in human hematopoietic stem and progenitor compartments. Blood, 2011, 117, 4226-4233.	1.4	48
115	Transient production of Î±â€smooth muscle actin by skeletal myoblasts during differentiation in culture and following intramuscular implantation. Cytoskeleton, 2002, 51, 177-186.	4.4	45
116	Nuclear reprogramming in heterokaryons is rapid, extensive, and bidirectional. FASEB Journal, 2009, 23, 1431-1440.	0.5	45
117	Structureâ€œfunction analysis of varicella-zoster virus glycoprotein H identifies domain-specific roles for fusion and skin tropism. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18412-18417.	7.1	44
118	Angiogenesis Monitored by Perfusion with a Space-Filling Microbead Suspension. Molecular Therapy, 2000, 1, 82-87.	8.2	42
119	Long telomeres protect against age-dependent cardiac disease caused by NOTCH1 haploinsufficiency. Journal of Clinical Investigation, 2017, 127, 1683-1688.	8.2	42
120	Turning terminally differentiated skeletal muscle cells into regenerative progenitors. Nature Communications, 2015, 6, 7916.	12.8	41
121	Chapter 12 Methods for Myoblast Transplantation. Methods in Cell Biology, 1997, 52, 261-272.	1.1	40
122	RIP2, a Checkpoint in Myogenic Differentiation. Molecular and Cellular Biology, 2002, 22, 5879-5886.	2.3	40
123	Engineering a stem cell house into a home. Stem Cell Research and Therapy, 2011, 2, 3.	5.5	40
124	An immunoreceptor tyrosine-based inhibition motif in varicella-zoster virus glycoprotein B regulates cell fusion and skin pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1911-1916.	7.1	38
125	NKX3-1 is required for induced pluripotent stem cell reprogramming and can replace OCT4 in mouse and human iPSC induction. Nature Cell Biology, 2018, 20, 900-908.	10.3	37
126	A universal technology for monitoring Gâ€proteinâ€coupled receptor activation <i>in vitro</i> and noninvasively in live animals. FASEB Journal, 2007, 21, 3819-3826.	0.5	36

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127	A Novel Means of Drug Delivery: Myoblast-Mediated Gene Therapy and Regulatable Retroviral Vectors. Annual Review of Pharmacology and Toxicology, 2000, 40, 295-317.	9.4	35
128	A novel enzyme complementationâ€based assay for monitoring Gâ€proteinâ€coupled receptor internalization. FASEB Journal, 2007, 21, 3827-3834.	0.5	35
129	Primary cilia on muscle stem cells are critical to maintain regenerative capacity and are lost during aging. Nature Communications, 2022, 13, 1439.	12.8	35
130	Thyroglobulin-independent, cell-mediated cytotoxicity of human eye muscle cells in tissue culture by lymphocytes of a patient with Graves' ophthalmopathy. Life Sciences, 1983, 32, 45-53.	4.3	34
131	Myoblast-mediated gene transfer for therapeutic angiogenesis and arteriogenesis. British Journal of Pharmacology, 2003, 140, 620-626.	5.4	33
132	A critical role for AID in the initiation of reprogramming to induced pluripotent stem cells. FASEB Journal, 2013, 27, 1107-1113.	0.5	31
133	Letters to the editor. Muscle and Nerve, 1992, 15, 1209-1215.	2.2	28
134	Cell Therapies for Muscular Dystrophy. New England Journal of Medicine, 2008, 359, 1403-1405.	27.0	28
135	Î²-Enolase is a marker of human myoblast heterogeneity prior to differentiation. Developmental Biology, 1992, 151, 626-629.	2.0	26
136	[15] Monitoring protein-protein interactions in live mammalian cells by,8-galactosidase complementation. Methods in Enzymology, 2000, 328, 231-IN4.	1.0	24
137	Spectrophotometric Quantitation of Tissue Culture Cell Number in Any Medium. BioTechniques, 1996, 21, 260-266.	1.8	23
138	[9] Myoblast-mediated gene transfer for therapeutic angiogenesis. Methods in Enzymology, 2002, 346, 145-157.	1.0	23
139	Increased host neuronal survival and motor function in BMT Parkinsonian mice: Involvement of immunosuppression. Journal of Comparative Neurology, 2007, 504, 690-701.	1.6	23
140	Increased tissue stiffness triggers contractile dysfunction and telomere shortening in dystrophic cardiomyocytes. Stem Cell Reports, 2021, 16, 2169-2181.	4.8	23
141	Reprogramming to a muscle fate by fusion recapitulates differentiation. Journal of Cell Science, 2009, 122, 1045-1053.	2.0	22
142	Reâ€œevolutionaryâ€•Regenerative Medicine. JAMA - Journal of the American Medical Association, 2011, 305, 87.	7.4	22
143	A robust Pax7EGFP mouse that enables the visualization of dynamic behaviors of muscle stem cells. Skeletal Muscle, 2018, 8, 27.	4.2	22
144	AP-1 is a temporally regulated dual gatekeeper of reprogramming to pluripotency. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	19

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145	Laminin-Induced Change in Conformation of Preexisting Î±7Î²1 Integrin Signals Secondary Myofiber Formation. Developmental Biology, 2001, 233, 148-160.	2.0	18
146	Biophysical matrix cues from the regenerating niche direct muscle stem cell fate in engineered microenvironments. Biomaterials, 2021, 275, 120973.	11.4	18
147	Muscle Gene Expression in Heterokaryons. Advances in Experimental Medicine and Biology, 1985, 182, 231-247.	1.6	18
148	Localization of vascular response to VEGF is not dependent on heparin binding. FASEB Journal, 2007, 21, 2074-2085.	0.5	17
149	Engineered DNA plasmid reduces immunity to dystrophin while improving muscle force in a model of gene therapy of Duchenne dystrophy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9182-E9191.	7.1	17
150	Cloning muscle isoforms of neural cell adhesion molecule using an episomal shuttle vector. Somatic Cell and Molecular Genetics, 1992, 18, 163-177.	0.7	16
151	A single cell bioengineering approach to elucidate mechanisms of adult stem cell self-renewal. Integrative Biology (United Kingdom), 2012, 4, 360-367.	1.3	16
152	Death of solid tumor cells induced by fas ligand expressing primary myoblasts. Somatic Cell and Molecular Genetics, 1997, 23, 249-257.	0.7	15
153	Not the usual suspects: the unexpected sources of tissue regeneration. Journal of Clinical Investigation, 2001, 107, 1355-1356.	8.2	15
154	mRNA translation is not a prerequisite for small interfering RNA-mediated mRNA cleavage. Differentiation, 2005, 73, 287-293.	1.9	14
155	Short telomeres â€" A hallmark of heritable cardiomyopathies. Differentiation, 2018, 100, 31-36.	1.9	12
156	Retroviral Lineage Markers for Assessing Myoblast Fate In Vivo. Advances in Experimental Medicine and Biology, 1990, 280, 201-203.	1.6	11
157	Expression of Bcl-XS alters cytokinetics and decreases clonogenic survival in K12 rat colon carcinoma cells. Oncogene, 1998, 17, 2981-2991.	5.9	10
158	Localization of Muscle Gene Products in Nuclear Domains: Does this Constitute a Problem for Myoblast Therapy?. Advances in Experimental Medicine and Biology, 1990, 280, 167-172.	1.6	9
159	Metabolic properties of human acetylcholine receptors can be characterized on cultured human muscle. Experimental Cell Research, 1986, 166, 379-390.	2.6	7
160	Sir John Gurdon: Father of nuclear reprogramming. Differentiation, 2014, 88, 10-12.	1.9	7
161	An In Vitro Model for Identifying Cardiac Side Effects of Anesthetics. Anesthesia and Analgesia, 2020, 130, e1-e4.	2.2	7
162	Discovery of novel determinants of endothelial lineage using chimeric heterokaryons. ELife, 2017, 6, .	6.0	7

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163	Tamoxifen treatment ameliorates contractile dysfunction of Duchenne muscular dystrophy stem cell-derived cardiomyocytes on bioengineered substrates. Npj Regenerative Medicine, 2022, 7, 19.	5.2	7
164	Membrane-bound neomycin phosphotransferase confers drug-resistance in mammalian cells: A marker for high-efficiency targeting of genes encoding secreted and cell-surface proteins. Somatic Cell and Molecular Genetics, 1994, 20, 153-162.	0.7	6
165	Reversing aging for heart repair. Science, 2021, 373, 1439-1440.	12.6	6
166	Imaging Î²-Galactosidase Activity In Vivo Using Sequential Reporter-Enzyme Luminescence. Methods in Molecular Biology, 2009, 574, 249-259.	0.9	5
167	In vivo aging of human fibroblasts does not alter nuclear plasticity in heterokaryons. Somatic Cell and Molecular Genetics, 1989, 15, 191-202.	0.7	4
168	Inhibition of Solid Tumor Growth by Fas Ligand-Expressing Myoblasts. Somatic Cell and Molecular Genetics, 1998, 24, 281-289.	0.7	4
169	Purification and Proliferation of Human Myoblasts Isolated with Fluorescence Activated Cell Sorting. Advances in Experimental Medicine and Biology, 1990, 280, 97-100.	1.6	4
170	How cells know their place. Nature, 1992, 358, 284-285.	27.8	3
171	Rapid Plasmid Minipreps in Microplate Format from Culture to Gel. BioTechniques, 1997, 22, 388-390.	1.8	3
172	Muscling toward therapy with ERBB3 and NGFR. Nature Cell Biology, 2018, 20, 6-7.	10.3	3
173	Skeletal Muscle Stem Cells. , 2019, , 273-293.		3
174	Skeletal Muscle Stem Cells. , 2009, , 249-257.		2
175	Perspective for special Gurdon issue for differentiation: Can cell fusion inform nuclear reprogramming?. Differentiation, 2014, 88, 27-28.	1.9	2
176	Noninvasive Tracking of Quiescent and Activated Muscle Stem Cell (MuSC) Engraftment Dynamics In Vivo. Methods in Molecular Biology, 2016, 1460, 181-189.	0.9	2
177	Regulation of Regional Specialization in Muscle Fibres. , 1990, , 265-278.		1
178	Skeletal Muscle Stem Cells. , 2008, , 386-397.		1
179	Macrophages rescue injured engineered muscle. Nature Biomedical Engineering, 2018, 2, 890-891.	22.5	1
180	Defective myogenesis in NFB-s mutant associated with a saturable suppression of MYF5 activity. Somatic Cell and Molecular Genetics, 1996, 22, 349-361.	0.7	0

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181	Vasculogenesis and Angiogenesis. Journal of Vascular and Interventional Radiology, 2000, 11, 427-430.	0.5	0
182	Skeletal Muscle Stem Cells. , 2004, , 395-403.		0
183	Anne McLaren (1927â€“2007). Differentiation, 2007, 75, 899-901.	1.9	0
184	Skeletal Muscle Stem Cells. , 2013, , 631-640.		0
185	Myoblasts and macrophages share molecular components that contribute to cell-cell fusion. Journal of Experimental Medicine, 2008, 205, i7-i7.	8.5	0
186	Skeletal Muscle Stem Cells. , 2011, , 347-363.		0
187	Plasticity of the Differentiated State. , 1993, , 25-42.		0
188	Myoblast Mediated Gene Therapy. , 1993, , 37-47.		0