

Shihuan Kuang

List of Publications by Year in descending order

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Version: 2024-02-01

138
papers

10,316
citations

36271

51
h-index

36008

97
g-index

144
all docs

144
docs citations

144
times ranked

13530
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid droplet dynamics regulate adult muscle stem cell fate. <i>Cell Reports</i> , 2022, 38, 110267.	2.9	23
2	ACSS3 in brown fat drives propionate catabolism and its deficiency leads to autophagy and systemic metabolic dysfunction. <i>Clinical and Translational Medicine</i> , 2022, 12, e665.	1.7	6
3	Chchd10 is dispensable for myogenesis but critical for adipose browning. <i>Cell Regeneration</i> , 2022, 11, 14.	1.1	8
4	Obesity and exercise training alter inflammatory pathway skeletal muscle small extracellular vesicle microRNAs. <i>Experimental Physiology</i> , 2022, 107, 462-475.	0.9	9
5	Effects of obesity and acute resistance exercise on skeletal muscle angiogenic communication pathways. <i>Experimental Physiology</i> , 2022, 107, 906-918.	0.9	3
6	Chemically-defined generation of human hemogenic endothelium and definitive hematopoietic progenitor cells. <i>Biomaterials</i> , 2022, 285, 121569.	5.7	11
7	Harnessing <scp>nerve"muscle</scp> cell interactions for biomaterials"based skeletal muscle regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 289-299.	2.1	7
8	Biomimetic glycosaminoglycan-based scaffolds improve skeletal muscle regeneration in a Murine volumetric muscle loss model. <i>Bioactive Materials</i> , 2021, 6, 1201-1213.	8.6	26
9	Phosphatase orphan 1 inhibits myoblast proliferation and promotes myogenic differentiation. <i>FASEB Journal</i> , 2021, 35, e21154.	0.2	3
10	PTEN Inhibition Ameliorates Muscle Degeneration and Improves Muscle Function in a Mouse Model of Duchenne Muscular Dystrophy. <i>Molecular Therapy</i> , 2021, 29, 132-148.	3.7	12
11	Imaging and Analysis of Isomeric Unsaturated Lipids through Online Photochemical Derivatization of Carbon"Carbon Double Bonds**. <i>Angewandte Chemie</i> , 2021, 133, 7637-7641.	1.6	24
12	Imaging and Analysis of Isomeric Unsaturated Lipids through Online Photochemical Derivatization of Carbon"Carbon Double Bonds**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7559-7563.	7.2	58
13	Innentitelbild: Imaging and Analysis of Isomeric Unsaturated Lipids through Online Photochemical Derivatization of Carbon"Carbon Double Bonds (Angew. Chem. 14/2021). <i>Angewandte Chemie</i> , 2021, 133, 7526-7526.	1.6	0
14	Reduced electron transport chain complex I protein abundance and function in Mfn2"deficient myogenic progenitors lead to oxidative stress and mitochondria swelling. <i>FASEB Journal</i> , 2021, 35, e21426.	0.2	15
15	Extracellular vesicles released from stress"induced prematurely senescent myoblasts impair endothelial function and proliferation. <i>Experimental Physiology</i> , 2021, 106, 2083-2095.	0.9	12
16	Prenatal Serotonin Fluctuation Affects Serotonergic Development and Related Neural Circuits in Chicken Embryos. <i>Neuroscience</i> , 2021, 473, 66-80.	1.1	6
17	LETMD1 is required for mitochondrial structure and thermogenic function of brown adipocytes. <i>FASEB Journal</i> , 2021, 35, e21965.	0.2	9
18	Multivesicular body and exosome pathway responses to acute exercise. <i>Experimental Physiology</i> , 2020, 105, 511-521.	0.9	30

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19	Imaging of triglycerides in tissues using nanospray desorption electrospray ionization (Nano-DESI) mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2020, 448, 116269.	0.7	26
20	Exosomal Secretion of Adipose Tissue during Various Physiological States. <i>Pharmaceutical Research</i> , 2020, 37, 221.	1.7	13
21	Protein Arginine Methyltransferase PRMT5 Regulates Fatty Acid Metabolism and Lipid Droplet Biogenesis in White Adipose Tissues. <i>Advanced Science</i> , 2020, 7, 2002602.	5.6	22
22	Skeletal muscle IGF-1 is lower at rest and after resistance exercise in humans with obesity. <i>European Journal of Applied Physiology</i> , 2020, 120, 2835-2846.	1.2	11
23	Nanoparticle-Mediated Inhibition of Notch Signaling Promotes Mitochondrial Biogenesis and Reduces Subcutaneous Adipose Tissue Expansion in Pigs. <i>IScience</i> , 2020, 23, 101167.	1.9	14
24	Polymeric nanoparticles functionalized with muscle-homing peptides for targeted delivery of phosphatase and tensin homolog inhibitor to skeletal muscle. <i>Acta Biomaterialia</i> , 2020, 118, 196-206.	4.1	15
25	Sustained activation of notch signaling maintains tumor-initiating cells in a murine model of liposarcoma. <i>Cancer Letters</i> , 2020, 494, 27-39.	3.2	5
26	In Vitro Evaluation of Clinical Candidates of β -Secretase Inhibitors: Effects on Notch Inhibition and Promoting Beige Adipogenesis and Mitochondrial Biogenesis. <i>Pharmaceutical Research</i> , 2020, 37, 185.	1.7	5
27	One-to-one relationships between milk miRNA content and protein abundance in neonate duodenum support the potential for milk miRNAs regulating neonate development. <i>Functional and Integrative Genomics</i> , 2020, 20, 645-656.	1.4	3
28	Harnessing Fiber Diameter-Dependent Effects of Myoblasts Toward Biomimetic Scaffold-Based Skeletal Muscle Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 203.	2.0	52
29	Temporal Dynamics and Heterogeneity of Cell Populations during Skeletal Muscle Regeneration. <i>IScience</i> , 2020, 23, 100993.	1.9	151
30	Effects of repeated local heat therapy on skeletal muscle structure and function in humans. <i>Journal of Applied Physiology</i> , 2020, 128, 483-492.	1.2	43
31	Isolation, Culture, and Differentiation of Primary Myoblasts Derived from Muscle Satellite Cells. <i>Bio-protocol</i> , 2020, 10, e3686.	0.2	13
32	Methyltransferase-like 21c methylates and stabilizes the heat shock protein Hspa8 in type I myofibers in mice. <i>Journal of Biological Chemistry</i> , 2019, 294, 13718-13728.	1.6	22
33	Polymeric Carriers for Controlled Drug Delivery in Obesity Treatment. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 974-989.	3.1	24
34	Factors secreted from high glucose treated endothelial cells impair expansion and differentiation of human skeletal muscle satellite cells. <i>Journal of Physiology</i> , 2019, 597, 5109-5124.	1.3	18
35	Nanosecond pulsed electric field induced proliferation and differentiation of osteoblasts and myoblasts. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190079.	1.5	21
36	Advanced Glycation End-Products Suppress Mitochondrial Function and Proliferative Capacity of Achilles Tendon-Derived Fibroblasts. <i>Scientific Reports</i> , 2019, 9, 12614.	1.6	28

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37	Heat therapy improves soleus muscle force in a model of ischemia-induced muscle damage. <i>Journal of Applied Physiology</i> , 2019, 127, 215-228.	1.2	17
38	Methyltransferase-like 21e inhibits 26S proteasome activity to facilitate hypertrophy of type IIb myofibers. <i>FASEB Journal</i> , 2019, 33, 9672-9684.	0.2	9
39	The development of the serotonergic and dopaminergic systems during chicken mid-late embryogenesis. <i>Molecular and Cellular Endocrinology</i> , 2019, 493, 110472.	1.6	7
40	Skeletal muscle-derived exosomes regulate endothelial cell functions via reactive oxygen species-activated nuclear factor- κ B signalling. <i>Experimental Physiology</i> , 2019, 104, 1262-1273.	0.9	57
41	Maternal high-fat diet exposure during gestation, lactation, or gestation and lactation differentially affects intestinal morphology and proteome of neonatal mice. <i>Nutrition Research</i> , 2019, 66, 48-60.	1.3	11
42	Effects of acute aerobic and concurrent exercise on skeletal muscle metabolic enzymes in untrained men. <i>Sport Sciences for Health</i> , 2019, 15, 417-426.	0.4	1
43	Fndc5 loss-of-function attenuates exercise-induced browning of white adipose tissue in mice. <i>FASEB Journal</i> , 2019, 33, 5876-5886.	0.2	39
44	Impact of heat therapy on recovery after eccentric exercise in humans. <i>Journal of Applied Physiology</i> , 2019, 126, 965-976.	1.2	18
45	Transdifferentiation of Muscle Satellite Cells to Adipose Cells Using CRISPR/Cas9-Mediated Targeting of MyoD. <i>Methods in Molecular Biology</i> , 2019, 1889, 25-41.	0.4	5
46	Adipocyte dedifferentiation in health and diseases. <i>Clinical Science</i> , 2019, 133, 2107-2119.	1.8	45
47	A requirement of Polo-like kinase 1 in murine embryonic myogenesis and adult muscle regeneration. <i>ELife</i> , 2019, 8, .	2.8	12
48	Adipocyte-specific DKO of Lkb1 and mTOR protects mice against HFD-induced obesity, but results in insulin resistance. <i>Journal of Lipid Research</i> , 2018, 59, 974-981.	2.0	23
49	A novel brown adipocyte-enriched long non-coding RNA that is required for brown adipocyte differentiation and sufficient to drive thermogenic gene program in white adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 409-419.	1.2	56
50	Enhanced Mechanical and Biological Performance of an Extremely Fine Nanograined 316L Stainless Steel Cell-Substrate Interface Fabricated by Ultrasonic Shot Peening. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1609-1621.	2.6	12
51	High Incomplete Skeletal Muscle Fatty Acid Oxidation Explains Low Muscle Insulin Sensitivity in Poorly Controlled T2D. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 882-889.	1.8	17
52	Notoginsenoside R1 Protects Against Diabetic Cardiomyopathy Through Activating Estrogen Receptor β and Its Downstream Signaling. <i>Frontiers in Pharmacology</i> , 2018, 9, 1227.	1.6	53
53	Early detection and monitoring of chronic wounds using low-cost, omniphobic paper-based smart bandages. <i>Biosensors and Bioelectronics</i> , 2018, 117, 696-705.	5.3	113
54	Shisa2 regulates the fusion of muscle progenitors. <i>Stem Cell Research</i> , 2018, 31, 31-41.	0.3	14

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55	Identification of genes directly responding to DLK1 signaling in Callipyge sheep. BMC Genomics, 2018, 19, 283.	1.2	16
56	Wearable and Implantable Epidermal Paper-Based Electronics. ACS Applied Materials & Interfaces, 2018, 10, 31061-31068.	4.0	55
57	Inhibition of cholesterol biosynthesis overcomes enzalutamide resistance in castration-resistant prostate cancer (CRPC). Journal of Biological Chemistry, 2018, 293, 14328-14341.	1.6	66
58	Microarray, IPA and GSEA Analysis in Mice Models. Bio-protocol, 2018, 8, .	0.2	4
59	Ascl2 inhibits myogenesis by antagonizing the transcriptional activity of myogenic regulatory factors. Development (Cambridge), 2017, 144, 235-247.	1.2	27
60	Pten is necessary for the quiescence and maintenance of adult muscle stem cells. Nature Communications, 2017, 8, 14328.	5.8	86
61	Loss of MyoD Promotes Fate Transdifferentiation of Myoblasts Into Brown Adipocytes. EBioMedicine, 2017, 16, 212-223.	2.7	57
62	The hypoxia-inducible factors HIF1 β and HIF2 β are dispensable for embryonic muscle development but essential for postnatal muscle regeneration. Journal of Biological Chemistry, 2017, 292, 5981-5991.	1.6	54
63	Dibenzazepine-Loaded Nanoparticles Induce Local Browning of White Adipose Tissue to Counteract Obesity. Molecular Therapy, 2017, 25, 1718-1729.	3.7	46
64	Myricitrin Alleviates Oxidative Stress-induced Inflammation and Apoptosis and Protects Mice against Diabetic Cardiomyopathy. Scientific Reports, 2017, 7, 44239.	1.6	90
65	Peripheral Neuropathy and Hindlimb Paralysis in a Mouse Model of Adipocyte-Specific Knockout of Lkb1. EBioMedicine, 2017, 24, 127-136.	2.7	11
66	Enhanced human osteoblast cell functions by "enet-like" nanostructured cell-substrate interface in orthopedic applications. Materials Letters, 2017, 189, 275-278.	1.3	11
67	Stimulated Raman scattering flow cytometry for label-free single-particle analysis. Optica, 2017, 4, 103.	4.8	86
68	Evaluation of Muscle Performance in Mice by Treadmill Exhaustion Test and Whole-limb Grip Strength Assay. Bio-protocol, 2017, 7, .	0.2	76
69	Muscle Histology Characterization Using H&E Staining and Muscle Fiber Type Classification Using Immunofluorescence Staining. Bio-protocol, 2017, 7, .	0.2	67
70	Depot-specific differences in fat mass expansion in WT and ob/ob mice. Oncotarget, 2017, 8, 46326-46336.	0.8	4
71	Stilbenoids remodel the DNA methylation patterns in breast cancer cells and inhibit oncogenic NOTCH signaling through epigenetic regulation of MAML2 transcriptional activity. Carcinogenesis, 2016, 37, 656-668.	1.3	85
72	Lkb1 deletion upregulates Pax7 expression through activating Notch signaling pathway in myoblasts. International Journal of Biochemistry and Cell Biology, 2016, 76, 31-38.	1.2	8

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73	Impaired exercise tolerance, mitochondrial biogenesis, and muscle fiber maintenance in miR-133a-deficient mice. <i>FASEB Journal</i> , 2016, 30, 3745-3758.	0.2	59
74	Notch activation drives adipocyte dedifferentiation and tumorigenic transformation in mice. <i>Journal of Experimental Medicine</i> , 2016, 213, 2019-2037.	4.2	72
75	Heat therapy promotes the expression of angiogenic regulators in human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R377-R391.	0.9	45
76	Conditional Loss of Pten in Myogenic Progenitors Leads to Postnatal Skeletal Muscle Hypertrophy but Age-Dependent Exhaustion of Satellite Cells. <i>Cell Reports</i> , 2016, 17, 2340-2353.	2.9	67
77	Lkb1 controls brown adipose tissue growth and thermogenesis by regulating the intracellular localization of CRTC3. <i>Nature Communications</i> , 2016, 7, 12205.	5.8	73
78	Deletion of Lkb1 in adult mice results in body weight reduction and lethality. <i>Scientific Reports</i> , 2016, 6, 36561.	1.6	16
79	Adipocyte-specific deletion of mTOR inhibits adipose tissue development and causes insulin resistance in mice. <i>Diabetologia</i> , 2016, 59, 1995-2004.	2.9	82
80	The brain expressed x-linked gene 1 (Bex1) regulates myoblast fusion. <i>Developmental Biology</i> , 2016, 409, 16-25.	0.9	11
81	Stage-specific effects of Notch activation during skeletal myogenesis. <i>ELife</i> , 2016, 5, .	2.8	79
82	AMP-Activated Protein Kinase Directly Phosphorylates and Destabilizes Hedgehog Pathway Transcription Factor GLI1 in Medulloblastoma. <i>Cell Reports</i> , 2015, 12, 599-609.	2.9	73
83	Biodegradable Polymeric Microsphere-Based Drug Delivery for Inductive Browning of Fat. <i>Frontiers in Endocrinology</i> , 2015, 6, 169.	1.5	18
84	mTOR is necessary for proper satellite cell activity and skeletal muscle regeneration. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 102-108.	1.0	95
85	Inhibition of Polo-like Kinase 1 (Plk1) Enhances the Antineoplastic Activity of Metformin in Prostate Cancer. <i>Journal of Biological Chemistry</i> , 2015, 290, 2024-2033.	1.6	34
86	Lkb1 Deletion Promotes Ectopic Lipid Accumulation in Muscle Progenitor Cells and Mature Muscles. <i>Journal of Cellular Physiology</i> , 2015, 230, 1033-1041.	2.0	32
87	Notch signaling as a novel regulator of metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 248-255.	3.1	135
88	Heterogeneous activation of a slow myosin gene in proliferating myoblasts and differentiated single myofibers. <i>Developmental Biology</i> , 2015, 402, 72-80.	0.9	17
89	Hypoxia Inhibits Myogenic Differentiation through p53 Protein-dependent Induction of Bhlhe40 Protein. <i>Journal of Biological Chemistry</i> , 2015, 290, 29707-29716.	1.6	35
90	Measurement of Resting Energy Metabolism in Mice Using Oxymax Open Circuit Indirect Calorimeter. <i>Bio-protocol</i> , 2015, 5, .	0.2	20

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91	Fighting obesity: When muscle meets fat. <i>Adipocyte</i> , 2014, 3, 280-289.	1.3	19
92	Plk1 Phosphorylation of PTEN Causes a Tumor-Promoting Metabolic State. <i>Molecular and Cellular Biology</i> , 2014, 34, 3642-3661.	1.1	69
93	Lkb1 Is Indispensable for Skeletal Muscle Development, Regeneration, and Satellite Cell Homeostasis. <i>Stem Cells</i> , 2014, 32, 2893-2907.	1.4	57
94	Notch signaling deficiency underlies age-dependent depletion of satellite cells in muscular dystrophy. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 997-1004.	1.2	83
95	Plk1 Inhibition Enhances the Efficacy of Androgen Signaling Blockade in Castration-Resistant Prostate Cancer. <i>Cancer Research</i> , 2014, 74, 6635-6647.	0.4	87
96	Mammalian target of rapamycin is essential for cardiomyocyte survival and heart development in mice. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 53-59.	1.0	29
97	Inhibition of Notch signaling promotes browning of white adipose tissue and ameliorates obesity. <i>Nature Medicine</i> , 2014, 20, 911-918.	15.2	217
98	Park7 Expression Influences Myotube Size and Myosin Expression in Muscle. <i>PLoS ONE</i> , 2014, 9, e92030.	1.1	11
99	Canonical Wnt signaling induces BMP-4 to specify slow myofibrogenesis of fetal myoblasts. <i>Skeletal Muscle</i> , 2013, 3, 5.	1.9	47
100	Plk1-dependent microtubule dynamics promotes androgen receptor signaling in prostate cancer. <i>Prostate</i> , 2013, 73, 1352-1363.	1.2	27
101	Fatty acid binding protein 4 expression marks a population of adipocyte progenitors in white and brown adipose tissues. <i>FASEB Journal</i> , 2013, 27, 277-287.	0.2	153
102	Myostatin knockout drives browning of white adipose tissue through activating the AMPK-PP2C-Fndc5 pathway in muscle. <i>FASEB Journal</i> , 2013, 27, 1981-1989.	0.2	254
103	Proinflammatory Cytokine Tumor Necrosis Factor (TNF)-like Weak Inducer of Apoptosis (TWEAK) Suppresses Satellite Cell Self-renewal through Inversely Modulating Notch and NF- κ B Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2013, 288, 35159-35169.	1.6	36
104	miR-133a Regulates Adipocyte Browning In Vivo. <i>PLoS Genetics</i> , 2013, 9, e1003626.	1.5	118
105	Plk1 Phosphorylation of Orc2 and Hbo1 Contributes to Gemcitabine Resistance in Pancreatic Cancer. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 58-68.	1.9	64
106	miR-133 links to energy balance through targeting Prdm16. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 432-434.	1.5	19
107	Heterogeneous lineage origin underlies phenotypic and molecular differences of white and beige adipocytes. <i>Journal of Cell Science</i> , 2013, 126, 3527-32.	1.2	43
108	Distinct populations of adipogenic and myogenic Myf5-lineage progenitors in white adipose tissues. <i>Journal of Lipid Research</i> , 2013, 54, 2214-2224.	2.0	81

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109	A heterogeneous lineage origin underlies the phenotypic and molecular differences of white and beige adipocytes. <i>Development (Cambridge)</i> , 2013, 140, e1807-e1807.	1.2	0
110	Constitutive Notch Activation Upregulates Pax7 and Promotes the Self-Renewal of Skeletal Muscle Satellite Cells. <i>Molecular and Cellular Biology</i> , 2012, 32, 2300-2311.	1.1	216
111	Plk1 Phosphorylates Sgt1 at the Kinetochores To Promote Timely Kinetochores-Microtubule Attachment. <i>Molecular and Cellular Biology</i> , 2012, 32, 4053-4067.	1.1	30
112	Reciprocal Interaction between TRAF6 and Notch Signaling Regulates Adult Myofiber Regeneration upon Injury. <i>Molecular and Cellular Biology</i> , 2012, 32, 4833-4845.	1.1	30
113	Hypoxia promotes satellite cell self-renewal and enhances the efficiency of myoblast transplantation. <i>Development (Cambridge)</i> , 2012, 139, 2857-2865.	1.2	157
114	Myostatin facilitates slow and inhibits fast myosin heavy chain expression during myogenic differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2012, 426, 83-88.	1.0	76
115	TRIM32 Regulates Skeletal Muscle Stem Cell Differentiation and Is Necessary for Normal Adult Muscle Regeneration. <i>PLoS ONE</i> , 2012, 7, e30445.	1.1	67
116	Intramuscular adipose is derived from a non-Pax3 lineage and required for efficient regeneration of skeletal muscles. <i>Developmental Biology</i> , 2012, 361, 27-38.	0.9	64
117	Mouse transgenic lines that selectively label type I, type IIa, and types IIX+B skeletal muscle fibers. <i>Genesis</i> , 2012, 50, 50-58.	0.8	20
118	PPAR γ regulates satellite cell proliferation and skeletal muscle regeneration. <i>Skeletal Muscle</i> , 2011, 1, 33.	1.9	47
119	Elevated levels of active matrix metalloproteinase-9 cause hypertrophy in skeletal muscle of normal and dystrophin-deficient mdx mice. <i>Human Molecular Genetics</i> , 2011, 20, 4345-4359.	1.4	63
120	Identification and evolutionary implications of neurotransmitter-ciliary interactions underlying the behavioral response to hypoxia in <i>Lymnaea stagnalis</i> embryos. <i>Journal of Experimental Biology</i> , 2011, 214, 2660-2670.	0.8	14
121	Peripheral endocannabinoids regulate skeletal muscle development and maintenance. <i>European Journal of Translational Myology</i> , 2010, 20, 167.	0.8	9
122	Dlk1 Is Necessary for Proper Skeletal Muscle Development and Regeneration. <i>PLoS ONE</i> , 2010, 5, e15055.	1.1	108
123	Genetic Ablation of TWEAK Augments Regeneration and Post-Injury Growth of Skeletal Muscle in Mice. <i>American Journal of Pathology</i> , 2010, 177, 1732-1742.	1.9	53
124	Muscle Stem Cells. , 2010, , 105-120.		0
125	p38 β -dependent gene silencing restricts entry into the myogenic differentiation program. <i>Journal of Cell Biology</i> , 2009, 187, 991-1005.	2.3	105
126	PRDM16 controls a brown fat/skeletal muscle switch. <i>Nature</i> , 2008, 454, 961-967.	13.7	1,997

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127	The emerging biology of satellite cells and their therapeutic potential. Trends in Molecular Medicine, 2008, 14, 82-91.	3.5	286
128	Niche Regulation of Muscle Satellite Cell Self-Renewal and Differentiation. Cell Stem Cell, 2008, 2, 22-31.	5.2	423
129	The Molecular Regulation of Muscle Stem Cell Function. Cold Spring Harbor Symposia on Quantitative Biology, 2008, 73, 323-331.	2.0	214
130	Integrative biology of an embryonic respiratory behaviour in pond snails:the `embryo stir-bar hypothesis'. Journal of Experimental Biology, 2008, 211, 1729-1736.	0.8	29
131	Megf10 regulates the progression of the satellite cell myogenic program. Journal of Cell Biology, 2007, 179, 911-922.	2.3	79
132	Asymmetric Self-Renewal and Commitment of Satellite Stem Cells in Muscle. Cell, 2007, 129, 999-1010.	13.5	1,145
133	Distinct roles for Pax7 and Pax3 in adult regenerative myogenesis. Journal of Cell Biology, 2006, 172, 103-113.	2.3	393
134	Ryanodine receptors in human pancreatic β cells: localization and effects on insulin secretion. FASEB Journal, 2004, 18, 878-880.	0.2	86
135	Coordinated development of identified serotonergic neurons and their target ciliary cells in <i>Helisoma trivolvis</i> embryos. Journal of Comparative Neurology, 2003, 457, 313-325.	0.9	20
136	Long-Term Culture of Decapsulated Gastropod Embryos: A Transplantation Study. Biological Bulletin, 2002, 203, 278-288.	0.7	4
137	Serotonergic sensory-motor neurons mediate a behavioral response to hypoxia in pond snail embryos. Journal of Neurobiology, 2002, 52, 73-83.	3.7	57
138	Laser ablation reveals regulation of ciliary activity by serotonergic neurons in molluscan embryos. Journal of Neurobiology, 2001, 47, 1-15.	3.7	38