

Shihuan Kuang

List of Publications by Year in descending order

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Version: 2024-02-01

138
papers

10,316
citations

38660

50
h-index

35952

97
g-index

144
all docs

144
docs citations

144
times ranked

13530
citing authors

#	ARTICLE	IF	CITATIONS
1	PRDM16 controls a brown fat/skeletal muscle switch. <i>Nature</i> , 2008, 454, 961-967.	13.7	1,997
2	Asymmetric Self-Renewal and Commitment of Satellite Stem Cells in Muscle. <i>Cell</i> , 2007, 129, 999-1010.	13.5	1,145
3	Niche Regulation of Muscle Satellite Cell Self-Renewal and Differentiation. <i>Cell Stem Cell</i> , 2008, 2, 22-31.	5.2	423
4	Distinct roles for Pax7 and Pax3 in adult regenerative myogenesis. <i>Journal of Cell Biology</i> , 2006, 172, 103-113.	2.3	393
5	The emerging biology of satellite cells and their therapeutic potential. <i>Trends in Molecular Medicine</i> , 2008, 14, 82-91.	3.5	286
6	Myostatin knockout drives browning of white adipose tissue through activating the AMPK \rightarrow PGC1 β \rightarrow Fndc5 pathway in muscle. <i>FASEB Journal</i> , 2013, 27, 1981-1989.	0.2	254
7	Inhibition of Notch signaling promotes browning of white adipose tissue and ameliorates obesity. <i>Nature Medicine</i> , 2014, 20, 911-918.	15.2	217
8	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
9	The Molecular Regulation of Muscle Stem Cell Function. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2008, 73, 323-331.	2.0	214
10	Hypoxia promotes satellite cell self-renewal and enhances the efficiency of myoblast transplantation. <i>Development (Cambridge)</i> , 2012, 139, 2857-2865.	1.2	157
11	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
12	Temporal Dynamics and Heterogeneity of Cell Populations during Skeletal Muscle Regeneration. <i>IScience</i> , 2020, 23, 100993.	1.9	151
13	Notch signaling as a novel regulator of metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 248-255.	3.1	135
14	miR-133a Regulates Adipocyte Browning In Vivo. <i>PLoS Genetics</i> , 2013, 9, e1003626.	1.5	118
15	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
16	Dlk1 Is Necessary for Proper Skeletal Muscle Development and Regeneration. <i>PLoS ONE</i> , 2010, 5, e15055.	1.1	108
17	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
18	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

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19	Myricitrin Alleviates Oxidative Stress-induced Inflammation and Apoptosis and Protects Mice against Diabetic Cardiomyopathy. <i>Scientific Reports</i> , 2017, 7, 44239.	1.6	90
20	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
21	Ryanodine receptors in human pancreatic \hat{I}^2 cells: localization and effects on insulin secretion. <i>FASEB Journal</i> , 2004, 18, 878-880.	0.2	86
22	Pten is necessary for the quiescence and maintenance of adult muscle stem cells. <i>Nature Communications</i> , 2017, 8, 14328.	5.8	86
23	Stimulated Raman scattering flow cytometry for label-free single-particle analysis. <i>Optica</i> , 2017, 4, 103.	4.8	86
24	Stilbenoids remodel the DNA methylation patterns in breast cancer cells and inhibit oncogenic NOTCH signaling through epigenetic regulation of MAML2 transcriptional activity. <i>Carcinogenesis</i> , 2016, 37, 656-668.	1.3	85
25	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
26	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
27	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
28	Megf10 regulates the progression of the satellite cell myogenic program. <i>Journal of Cell Biology</i> , 2007, 179, 911-922.	2.3	79
29	Stage-specific effects of Notch activation during skeletal myogenesis. <i>ELife</i> , 2016, 5, .	2.8	79
30	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
31	Evaluation of Muscle Performance in Mice by Treadmill Exhaustion Test and Whole-limb Grip Strength Assay. <i>Bio-protocol</i> , 2017, 7, .	0.2	76
32	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
33	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
34	Notch activation drives adipocyte dedifferentiation and tumorigenic transformation in mice. <i>Journal of Experimental Medicine</i> , 2016, 213, 2019-2037.	4.2	72
35	Plk1 Phosphorylation of PTEN Causes a Tumor-Promoting Metabolic State. <i>Molecular and Cellular Biology</i> , 2014, 34, 3642-3661.	1.1	69
36	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

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37	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
38	Muscle Histology Characterization Using H&E Staining and Muscle Fiber Type Classification Using Immunofluorescence Staining. <i>Bio-protocol</i> , 2017, 7, .	0.2	67
39	Inhibition of cholesterol biosynthesis overcomes enzalutamide resistance in castration-resistant prostate cancer (CRPC). <i>Journal of Biological Chemistry</i> , 2018, 293, 14328-14341.	1.6	66
40	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
41	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
42	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
43	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
44	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
45	Serotonergic sensory-motor neurons mediate a behavioral response to hypoxia in pond snail embryos. <i>Journal of Neurobiology</i> , 2002, 52, 73-83.	3.7	57
46	Lkb1 Is Indispensable for Skeletal Muscle Development, Regeneration, and Satellite Cell Homeostasis. <i>Stem Cells</i> , 2014, 32, 2893-2907.	1.4	57
47	Loss of MyoD Promotes Fate Transdifferentiation of Myoblasts Into Brown Adipocytes. <i>EBioMedicine</i> , 2017, 16, 212-223.	2.7	57
48	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
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	Wearable and Implantable Epidermal Paper-Based Electronics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31061-31068.	4.0	55
51	The hypoxia-inducible factors HIF1 α and HIF2 α are dispensable for embryonic muscle development but essential for postnatal muscle regeneration. <i>Journal of Biological Chemistry</i> , 2017, 292, 5981-5991.	1.6	54
52	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
53	Notoginsenoside R1 Protects Against Diabetic Cardiomyopathy Through Activating Estrogen Receptor α and Its Downstream Signaling. <i>Frontiers in Pharmacology</i> , 2018, 9, 1227.	1.6	53
54	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

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55	PPAR γ regulates satellite cell proliferation and skeletal muscle regeneration. <i>Skeletal Muscle</i> , 2011, 1, 33.	1.9	47
56	Canonical Wnt signaling induces BMP-4 to specify slow myofibrogenesis of fetal myoblasts. <i>Skeletal Muscle</i> , 2013, 3, 5.	1.9	47
57	Dibenzazepine-Loaded Nanoparticles Induce Local Browning of White Adipose Tissue to Counteract Obesity. <i>Molecular Therapy</i> , 2017, 25, 1718-1729.	3.7	46
58	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
59	Adipocyte dedifferentiation in health and diseases. <i>Clinical Science</i> , 2019, 133, 2107-2119.	1.8	45
60	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
61	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
62	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
63	Laser ablation reveals regulation of ciliary activity by serotonergic neurons in molluscan embryos. <i>Journal of Neurobiology</i> , 2001, 47, 1-15.	3.7	38
64	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
65	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
66	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
67	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
68	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
69	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
70	Multivesicular body and exosome pathway responses to acute exercise. <i>Experimental Physiology</i> , 2020, 105, 511-521.	0.9	30
71	Integrative biology of an embryonic respiratory behaviour in pond snails: the 'embryo stir-bar hypothesis'. <i>Journal of Experimental Biology</i> , 2008, 211, 1729-1736.	0.8	29
72	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

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73	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
74	Plk1-dependent microtubule dynamics promotes androgen receptor signaling in prostate cancer. <i>Prostate</i> , 2013, 73, 1352-1363.	1.2	27
75	Ascl2 inhibits myogenesis by antagonizing the transcriptional activity of myogenic regulatory factors. <i>Development (Cambridge)</i> , 2017, 144, 235-247.	1.2	27
76	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
77	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
78	Polymeric Carriers for Controlled Drug Delivery in Obesity Treatment. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 974-989.	3.1	24
79	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
80	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
81	Lipid droplet dynamics regulate adult muscle stem cell fate. <i>Cell Reports</i> , 2022, 38, 110267.	2.9	23
82	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
83	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
84	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
85	Coordinated development of identified serotonergic neurons and their target ciliary cells in <i>Helisoma trivolvis</i> embryos. <i>Journal of Comparative Neurology</i> , 2003, 457, 313-325.	0.9	20
86	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
87	Measurement of Resting Energy Metabolism in Mice Using Oxymax Open Circuit Indirect Calorimeter. <i>Bio-protocol</i> , 2015, 5, .	0.2	20
88	miR-133 links to energy balance through targeting Prdm16. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 432-434.	1.5	19
89	Fighting obesity: When muscle meets fat. <i>Adipocyte</i> , 2014, 3, 280-289.	1.3	19
90	Biodegradable Polymeric Microsphere-Based Drug Delivery for Inductive Browning of Fat. <i>Frontiers in Endocrinology</i> , 2015, 6, 169.	1.5	18

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91	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
92	Impact of heat therapy on recovery after eccentric exercise in humans. <i>Journal of Applied Physiology</i> , 2019, 126, 965-976.	1.2	18
93	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
94	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
95	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
96	Deletion of <i>Lkb1</i> in adult mice results in body weight reduction and lethality. <i>Scientific Reports</i> , 2016, 6, 36561.	1.6	16
97	Identification of genes directly responding to <i>DLK1</i> signaling in Callipyge sheep. <i>BMC Genomics</i> , 2018, 19, 283.	1.2	16
98	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
99	Reduced electron transport chain complex I protein abundance and function in <i>Mfn2</i> deficient myogenic progenitors lead to oxidative stress and mitochondria swelling. <i>FASEB Journal</i> , 2021, 35, e21426.	0.2	15
100	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
101	<i>Shisa2</i> regulates the fusion of muscle progenitors. <i>Stem Cell Research</i> , 2018, 31, 31-41.	0.3	14
102	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
103	Exosomal Secretion of Adipose Tissue during Various Physiological States. <i>Pharmaceutical Research</i> , 2020, 37, 221.	1.7	13
104	Isolation, Culture, and Differentiation of Primary Myoblasts Derived from Muscle Satellite Cells. <i>Bio-protocol</i> , 2020, 10, e3686.	0.2	13
105	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
106	<i>PTEN</i> 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
107	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
108	A requirement of Polo-like kinase 1 in murine embryonic myogenesis and adult muscle regeneration. <i>ELife</i> , 2019, 8, .	2.8	12

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109	The brain expressed x-linked gene 1 (Bex1) regulates myoblast fusion. <i>Developmental Biology</i> , 2016, 409, 16-25.	0.9	11
110	Peripheral Neuropathy and Hindlimb Paralysis in a Mouse Model of Adipocyte-Specific Knockout of Lkb1. <i>EBioMedicine</i> , 2017, 24, 127-136.	2.7	11
111	Enhanced human osteoblast cell functions by "net-like" nanostructured cell-substrate interface in orthopedic applications. <i>Materials Letters</i> , 2017, 189, 275-278.	1.3	11
112	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
113	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
114	Park7 Expression Influences Myotube Size and Myosin Expression in Muscle. <i>PLoS ONE</i> , 2014, 9, e92030.	1.1	11
115	Chemically-defined generation of human hemogenic endothelium and definitive hematopoietic progenitor cells. <i>Biomaterials</i> , 2022, 285, 121569.	5.7	11
116	Peripheral endocannabinoids regulate skeletal muscle development and maintenance. <i>European Journal of Translational Myology</i> , 2010, 20, 167.	0.8	9
117	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
118	LETMD1 is required for mitochondrial structure and thermogenic function of brown adipocytes. <i>FASEB Journal</i> , 2021, 35, e21965.	0.2	9
119	Obesity and exercise training alter inflammatory pathway skeletal muscle small extracellular vesicle microRNAs. <i>Experimental Physiology</i> , 2022, 107, 462-475.	0.9	9
120	Lkb1 deletion upregulates Pax7 expression through activating Notch signaling pathway in myoblasts. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 76, 31-38.	1.2	8
121	Chchd10 is dispensable for myogenesis but critical for adipose browning. <i>Cell Regeneration</i> , 2022, 11, 14.	1.1	8
122	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
123	Harnessing "nerve" muscle cell interactions for biomaterials-based skeletal muscle regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 289-299.	2.1	7
124	Prenatal Serotonin Fluctuation Affects Serotonergic Development and Related Neural Circuits in Chicken Embryos. <i>Neuroscience</i> , 2021, 473, 66-80.	1.1	6
125	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
126	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

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127	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
128	In Vitro Evaluation of Clinical Candidates of \hat{I}^3 -Secretase Inhibitors: Effects on Notch Inhibition and Promoting Beige Adipogenesis and Mitochondrial Biogenesis. <i>Pharmaceutical Research</i> , 2020, 37, 185.	1.7	5
129	Long-Term Culture of Decapsulated Gastropod Embryos: A Transplantation Study. <i>Biological Bulletin</i> , 2002, 203, 278-288.	0.7	4
130	Depot-specific differences in fat mass expansion in WT and ob/ob mice. <i>Oncotarget</i> , 2017, 8, 46326-46336.	0.8	4
131	Microarray, IPA and GSEA Analysis in Mice Models. <i>Bio-protocol</i> , 2018, 8, .	0.2	4
132	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
133	Phosphatase orphan 1 inhibits myoblast proliferation and promotes myogenic differentiation. <i>FASEB Journal</i> , 2021, 35, e21154.	0.2	3
134	Effects of obesity and acute resistance exercise on skeletal muscle angiogenic communication pathways. <i>Experimental Physiology</i> , 2022, 107, 906-918.	0.9	3
135	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
136	Innentitelbild: Imaging and Analysis of Isomeric Unsaturated Lipids through Online Photochemical Derivatization of Carbon- \hat{C} Carbon Double Bonds (<i>Angew. Chem.</i> 14/2021). <i>Angewandte Chemie</i> , 2021, 133, 7526-7526.	1.6	0
137	Muscle Stem Cells. , 2010, , 105-120.		0
138	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