Thomas Braun

List of Publications by Year
in descending order

318 papers	26,352 citations	10389 72 h-index	7950 149 g-index
330 all docs	330 docs citations	330 times ranked	35278 citing authors

#	Article	IF	Citations
1	Locus-Conserved Circular RNA cZNF292 Controls Endothelial Cell Flow Responses. Circulation Research, 2022, 130, 67-79.	4.5	23
2	Osteoblast-derived vesicles induce a switch from bone-formation to bone-resorption in vivo. Nature Communications, 2022, 13, 1066.	12.8	39
3	A human cell atlas of the pressure-induced hypertrophic heart. , 2022, 1, 174-185.		30
4	Mechano-signaling via Piezo1 prevents activation and p53-mediated senescence of muscle stem cells. Redox Biology, 2022, 52, 102309.	9.0	26
5	Concomitant Activation of OSM and LIF Receptor by a Dual-Specific hlOSM Variant Confers Cardioprotection after Myocardial Infarction in Mice. International Journal of Molecular Sciences, 2022, 23, 353.	4.1	6
6	A YAP/TAZ-TEAD signalling module links endothelial nutrient acquisition to angiogenic growth. Nature Metabolism, 2022, 4, 672-682.	11.9	20
7	Epigenetic reactivation of transcriptional programs orchestrating fetal lung development in human pulmonary hypertension. Science Translational Medicine, 2022, 14, .	12.4	15
8	Control of CRK-RAC1 activity by the miR-1/206/133 miRNA family is essential for neuromuscular junction function. Nature Communications, 2022, 13, .	12.8	5
9	Combined fibre atrophy and decreased muscle regeneration capacity driven by mitochondrial DNA alterations underlie the development of sarcopenia. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 2132-2145.	7.3	14
10	The long and winding road of cardiomyocyte maturation. Cardiovascular Research, 2021, 117, 712-726.	3.8	40
11	CILP1 as a biomarker for right ventricular maladaptation in pulmonary hypertension. European Respiratory Journal, 2021, 57, 1901192.	6.7	15
12	BMP9 and BMP10 Act Directly on Vascular Smooth Muscle Cells for Generation and Maintenance of the Contractile State. Circulation, 2021, 143, 1394-1410.	1.6	35
13	Imaging lung regeneration by light sheet microscopy. Histochemistry and Cell Biology, 2021, 155, 271-277.	1.7	7
14	Chicken Interspecies Chimerism Unveils Human Pluripotency. Stem Cell Reports, 2021, 16, 39-55.	4.8	6
15	Positioning of nucleosomes containing Î³-H2AX precedes active DNA demethylation and transcription initiation. Nature Communications, 2021, 12, 1072.	12.8	30
16	Hydrogel-mediated delivery of microRNA-92a inhibitor polyplex nanoparticles induces localized angiogenesis. Angiogenesis, 2021, 24, 657-676.	7.2	27
17	The complex role of SIRT7 in p53 stabilization: nucleophosmin joins the debate. Molecular and Cellular Oncology, 2021, 8, 1896349.	0.7	3
18	Sirt7 Deficiency Attenuates Neointimal Formation Following Vascular Injury by Modulating Vascular Smooth Muscle Cell Proliferation. Circulation Journal, 2021, 85, 2232-2240.	1.6	8

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19	Control of endothelial quiescence by FOXO-regulated metabolites. Nature Cell Biology, 2021, 23, 413-423.	10.3	56
20	Depletion of Numb and Numblike in Murine Lung Epithelial Cells Ameliorates Bleomycin-Induced Lung Fibrosis by Inhibiting the Î²-Catenin Signaling Pathway. Frontiers in Cell and Developmental Biology, 2021, 9, 639162.	3.7	5
21	Phosphoproteomics of the developing heart identifies PERM1 - An outer mitochondrial membrane protein. Journal of Molecular and Cellular Cardiology, 2021, 154, 41-59.	1.9	9
22	An Insight into Giant Cell Arteritis Pathogenesis: Evidence for Oxidative Stress and SIRT1 Downregulation. Antioxidants, 2021, 10, 885.	5.1	7
23	PERM1 interacts with the MICOS-MIB complex to connect the mitochondria and sarcolemma via ankyrin B. Nature Communications, 2021, 12, 4900.	12.8	6
24	SIRT7 Acts as a Guardian of Cellular Integrity by Controlling Nucleolar and Extra-Nucleolar Functions. Genes, 2021, 12, 1361.	2.4	11
25	CHD4 ensures stem cell lineage fidelity during skeletal muscle regeneration. Stem Cell Reports, 2021, 16, 2089-2098.	4.8	10
26	Reversible reprogramming of cardiomyocytes to a fetal state drives heart regeneration in mice. Science, 2021, 373, 1537-1540.	12.6	135
27	Epigenetic Regulation by Suv4-20h1 in Cardiopulmonary Progenitor Cells Is Required to Prevent Pulmonary Hypertension and Chronic Obstructive Pulmonary Disease. Circulation, 2021, 144, 1042-1058.	1.6	9
28	SIRT7-dependent deacetylation of NPM promotes p53 stabilization following UV-induced genotoxic stress. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	30
29	Repression of Osmr and Fgfr1 by miR-1/133a prevents cardiomyocyte dedifferentiation and cell cycle entry in the adult heart. Science Advances, 2021, 7, eabi6648.	10.3	14
30	Antigen presentation by lung epithelial cells directs CD4+ TRM cell function and regulates barrier immunity. Nature Communications, 2021, 12, 5834.	12.8	58
31	Flower lose, a cell fitness marker, predicts COVIDâ€19 prognosis. EMBO Molecular Medicine, 2021, 13, e13714.	6.9	4
32	Fibroblast growth factor 6 regulates sizing of the muscle stem cell pool. Stem Cell Reports, 2021, 16, 2913-2927.	4.8	12
33	MicroRNA profiling reveals important functions of miR-125b and let-7a during human retinal pigment epithelial cell differentiation. Experimental Eye Research, 2020, 190, 107883.	2.6	20
34	Cardiomyocyte Sirt (Sirtuin) 7 Ameliorates Stress-Induced Cardiac Hypertrophy by Interacting With and Deacetylating GATA4. Hypertension, 2020, 75, 98-108.	2.7	74
35	GnRH neurogenesis depends on embryonic pheromone receptor expression. Molecular and Cellular Endocrinology, 2020, 518, 111030.	3.2	6
36	Attenuated Epigenetic Suppression of Muscle Stem Cell Necroptosis Is Required for Efficient Regeneration of Dystrophic Muscles. Cell Reports, 2020, 31, 107652.	6.4	19

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37	Profiling the Murine SUMO Proteome in Response to Cardiac Ischemia and Reperfusion Injury. Molecules, 2020, 25, 5571.	3.8	12
38	SirT7 auto-ADP-ribosylation regulates glucose starvation response through mH2A1. Science Advances, 2020, 6, eaaz2590.	10.3	33
39	ATAC-seq footprinting unravels kinetics of transcription factor binding during zygotic genome activation. Nature Communications, 2020, 11, 4267.	12.8	318
40	Temporal activation of LRHâ€1 and RARâ€Î³ in human pluripotent stem cells induces a functional naÃ¯veâ€like state. EMBO Reports, 2020, 21, e47533.	4.5	6
41	Maintenance of sarcomeric integrity in adult muscle cells crucially depends on Z-disc anchored titin. Nature Communications, 2020, 11, 4479.	12.8	38
42	Swiprosin-1/EFhD-2 Expression in Cardiac Remodeling and Post-Infarct Repair: Effect of Ischemic Conditioning. International Journal of Molecular Sciences, 2020, 21, 3359.	4.1	5
43	RUNX1: an emerging therapeutic target for cardiovascular disease. Cardiovascular Research, 2020, 116, 1410-1423.	3.8	43
44	High-throughput proteomics fiber typing (ProFiT) for comprehensive characterization of single skeletal muscle fibers. Skeletal Muscle, 2020, 10, 7.	4.2	27
45	Signal regulators of human naÃ¯ve pluripotency. Experimental Cell Research, 2020, 389, 111924.	2.6	16
46	RASSF10 is frequently epigenetically inactivated in kidney cancer and its knockout promotes neoplasia in cancer prone mice. Oncogene, 2020, 39, 3114-3127.	5.9	12
47	Psychological effects of project-based learning in participants receiving clinical oncology teaching. Medicine (United States), 2020, 99, e18514.	1.0	0
48	Keeping Fibrotic Responses in Contractile Tissues at Bay: The Plot t(Hic1)ens. Cell Stem Cell, 2020, 26, 129-130.	11.1	2
49	Bypassing mitochondrial complex III using alternative oxidase inhibits acute pulmonary oxygen sensing. Science Advances, 2020, 6, eaba0694.	10.3	39
50	Pro-opiomelanocortin Neurons and the Transcriptional Regulation of Motivated Exercise. Exercise and Sport Sciences Reviews, 2020, 48, 74-82.	3.0	5
51	Identification of a Repair-Supportive Mesenchymal Cell Population during Airway Epithelial Regeneration. Cell Reports, 2020, 33, 108549.	6.4	28
52	Respiratory chain signalling is essential for adaptive remodelling following cardiac ischaemia. Journal of Cellular and Molecular Medicine, 2020, 24, 3534-3548.	3.6	15
53	Multilineage murine stem cells generate complex organoids to model distal lung development and disease. EMBO Journal, 2020, 39, e103476.	7.8	44
54	Lincâ€<scp>MYH</scp>configures<scp>INO</scp>80 to regulate muscle stem cell numbers and skeletal muscle hypertrophy. EMBO Journal, 2020, 39, e105098.	7.8	20

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55	Suppression of p38-MAPK endows endoderm propensity to human embryonic stem cells. Biochemical and Biophysical Research Communications, 2020, 527, 811-817.	2.1	2
56	Mono- and multi-nucleated ventricular cardiomyocytes constitute a transcriptionally homogenous cell population. Basic Research in Cardiology, 2019, 114, 36.	5.9	59
57	Microfluidic protein isolation and sample preparation for high-resolution cryo-EM. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15007-15012.	7.1	41
58	Hyperoxia but not AOX expression mitigates pathological cardiac remodeling in a mouse model of inflammatory cardiomyopathy. Scientific Reports, 2019, 9, 12741.	3.3	11
59	Illumination of cell cycle progression by multi-fluorescent sensing system. Cell Cycle, 2019, 18, 1364-1378.	2.6	1
60	Inactivation of nuclear histone deacetylases by EP300 disrupts the MiCEE complex in idiopathic pulmonary fibrosis. Nature Communications, 2019, 10, 2229.	12.8	53
61	Lamin B1 loss promotes lung cancer development and metastasis by epigenetic derepression of RET. Journal of Experimental Medicine, 2019, 216, 1377-1395.	8.5	45
62	Connect-four: genomic analyses of regenerating stem cells identifies zygotic Dux factors as tumor initiators. Molecular and Cellular Oncology, 2019, 6, 1565469.	0.7	3
63	Pioneering function of Isl1 in the epigenetic control of cardiomyocyte cell fate. Cell Research, 2019, 29, 486-501.	12.0	72
64	Estimation of absolute number of alveolar epithelial type 2 cells in mouse lungs: a comparison between stereology and flow cytometry. Journal of Microscopy, 2019, 275, 36-50.	1.8	14
65	Bronchioalveolar stem cells are a main source for regeneration of distal lung epithelia in vivo. EMBO Journal, 2019, 38, .	7.8	140
66	Identification of Functional Protein Regions Through Chimeric Protein Construction. Journal of Visualized Experiments, 2019, , .	0.3	0
67	CDK1-mediated phosphorylation at H2B serine 6 is required for mitotic chromosome segregation. Journal of Cell Biology, 2019, 218, 1164-1181.	5.2	21
68	Exploration of Physiological and Pathophysiological Implications of miRNA-143 and miRNA-145 in Cerebral Arteries. Journal of Cardiovascular Pharmacology, 2019, 74, 409-419.	1.9	3
69	Human cardiomyocytes undergo enhanced maturation in embryonic stem cell-derived organoid transplants. Biomaterials, 2019, 192, 537-550.	11.4	61
70	Hematopoietic Deficiency of the Long Noncoding RNA MALAT1 Promotes Atherosclerosis and Plaque Inflammation. Circulation, 2019, 139, 1320-1334.	1.6	165
71	Transition of inner cell mass to embryonic stem cells: mechanisms, facts, and hypotheses. Cellular and Molecular Life Sciences, 2019, 76, 873-892.	5.4	29
72	Alternative Oxidase Attenuates Cigarette Smokeâ€“induced Lung Dysfunction and Tissue Damage. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 515-522.	2.9	37

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73	Sirtuins in the Cardiovascular System: Potential Targets in Pediatric Cardiology. Pediatric Cardiology, 2018, 39, 983-992.	1.3	17
74	Metabolic Maturation during Muscle Stem Cell Differentiation Is Achieved by miR-1/133a-Mediated Inhibition of the Dlk1-Dio3 Mega Gene Cluster. Cell Metabolism, 2018, 27, 1026-1039.e6.	16.2	95
75	Sirtuin 7 Deficiency Ameliorates Cisplatin-induced Acute Kidney Injury Through Regulation of the Inflammatory Response. Scientific Reports, 2018, 8, 5927.	3.3	48
76	Clonal Expansion of Endothelial Cells Contributes to Ischemia-Induced Neovascularization. Circulation Research, 2018, 122, 670-677.	4.5	91
77	SIRT6-dependent cysteine monoubiquitination in the PRE-SET domain of Suv39h1 regulates the NF-Î²B pathway. Nature Communications, 2018, 9, 101.	12.8	46
78	Skeletal Muscle-Specific Methyltransferase METTL21C Trimethylates p97 and Regulates Autophagy-Associated Protein Breakdown. Cell Reports, 2018, 23, 1342-1356.	6.4	41
79	Zeb1-Hdac2-eNOS circuitry identifies early cardiovascular precursors in naive mouse embryonic stem cells. Nature Communications, 2018, 9, 1281.	12.8	14
80	Reg3Î² is associated with cardiac inflammation and provides prognostic information in patients with acute coronary syndrome. International Journal of Cardiology, 2018, 258, 7-13.	1.7	9
81	Runx1 Deficiency Protects Against Adverse Cardiac Remodeling After Myocardial Infarction. Circulation, 2018, 137, 57-70.	1.6	65
82	Human embryonic stem cell-derived cardiovascular progenitor cells efficiently colonize in bFGF-tethered natural matrix to construct contracting humanized rat hearts. Biomaterials, 2018, 154, 99-112.	11.4	36
83	Loss of Vascular Myogenic Tone in miR-143/145 Knockout Mice Is Associated With Hypertension-Induced Vascular Lesions in Small Mesenteric Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 414-424.	2.4	31
84	Stable Oxidative Cytosine Modifications Accumulate in Cardiac Mesenchymal Cells From Type2 Diabetes Patients. Circulation Research, 2018, 122, 31-46.	4.5	33
85	Single cell RNA-seq and ATAC-seq analysis of cardiac progenitor cell transition states and lineage settlement. Nature Communications, 2018, 9, 4877.	12.8	174
86	Oncogenic Amplification of Zygotic Dux Factors in Regenerating p53-Deficient Muscle Stem Cells Defines a Molecular Cancer Subtype. Cell Stem Cell, 2018, 23, 794-805.e4.	11.1	21
87	Loss of pyruvate kinase M2 limits growth and triggers innate immune signaling in endothelial cells. Nature Communications, 2018, 9, 4077.	12.8	55
88	The AB loop of oncostatin M (OSM) determines species-specific signaling in humans and mice. Journal of Biological Chemistry, 2018, 293, 20181-20199.	3.4	16
89	The complex biology of KIT+ cells in the heart. Nature Reviews Cardiology, 2018, 15, 443-444.	13.7	7
90	Sirt7 inhibits Sirt1-mediated activation of Suv39h1. Cell Cycle, 2018, 17, 1403-1412.	2.6	10

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91	RNAi-Based Identification of Gene-Specific Nuclear Cofactor Networks Regulating Interleukin-1 Target Genes. Frontiers in Immunology, 2018, 9, 775.	4.8	7
92	The AB loop and D-helix in binding site III of human Oncostatin M (OSM) are required for OSM receptor activation. Journal of Biological Chemistry, 2018, 293, 7017-7029.	3.4	18
93	Single Muscle Fiber Proteomics Reveals Distinct Protein Changes in Slow and Fast Fibers during Muscle Atrophy. Journal of Proteome Research, 2018, 17, 3333-3347.	3.7	41
94	Reg proteins direct accumulation of functionally distinct macrophage subsets after myocardial infarction. Cardiovascular Research, 2018, 114, 1667-1679.	3.8	13
95	MiCEE is a ncRNA-protein complex that mediates epigenetic silencing and nucleolar organization. Nature Genetics, 2018, 50, 990-1001.	21.4	52
96	A systems immunology approach identifies the collective impact of 5 miRs in Th2 inflammation. JCI Insight, 2018, 3, .	5.0	10
97	miR-302b-3p Promotes Self-Renewal Properties in Leukemia Inhibitory Factor-Withdrawn Embryonic Stem Cells. Cell Journal, 2018, 20, 61-72.	0.2	14
98	Broad AOX expression in a genetically tractable mouse model does not disturb normal physiology. DMM Disease Models and Mechanisms, 2017, 10, 163-171.	2.4	46
99	Systematic Identification of Genes Regulating Muscle Stem Cell Self-Renewal and Differentiation. Methods in Molecular Biology, 2017, 1556, 343-353.	0.9	5
100	A microRNAâ€129â€5p/Rbfox crosstalk coordinates homeostatic downscaling of excitatory synapses. EMBO Journal, 2017, 36, 1770-1787.	7.8	85
101	The Max Planck Institute for Heart and Lung Research Curiosity-Driven Basic Research to Fight Cardio-Pulmonary Diseases. Circulation Research, 2017, 120, 1386-1389.	4.5	0
102	Dynamic changes in the skeletal muscle proteome during denervation-induced atrophy. DMM Disease Models and Mechanisms, 2017, 10, 881-896.	2.4	59
103	Sexâ€specific, reciprocal regulation of <scp>ER</scp>Î± and miRâ€22 controls muscle lipid metabolism in male mice. EMBO Journal, 2017, 36, 1199-1214.	7.8	31
104	A novel mouse Creâ€driver line targeting Perilipin 2â€expressing cells in the neonatal lung. Genesis, 2017, 55, e23080.	1.6	15
105	MicroRNA-Dependent Control of Serotonin-Induced Pulmonary Arterial Contraction. Journal of Vascular Research, 2017, 54, 246-256.	1.4	5
106	Sirt7 stabilizes rDNA heterochromatin through recruitment of DNMT1 and Sirt1. Biochemical and Biophysical Research Communications, 2017, 492, 434-440.	2.1	22
107	Sirt7 promotes adipogenesis in the mouse by inhibiting autocatalytic activation of Sirt1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8352-E8361.	7.1	88
108	Multimodal Regulation of Cardiac Myocyte Proliferation. Circulation Research, 2017, 121, 293-309.	4.5	86

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109	UROPA: a tool for Universal RObust Peak Annotation. Scientific Reports, 2017, 7, 2593.	3.3	45
110	Age-dependent increase of oxidative stress regulates microRNA-29 family preserving cardiac health. Scientific Reports, 2017, 7, 16839.	3.3	57
111	Small RNA Sequencing Reveals Dlk1-Dio3 Locus-Embedded MicroRNAs as Major Drivers of Ground-State Pluripotency. Stem Cell Reports, 2017, 9, 2081-2096.	4.8	45
112	BMP signaling regulates satellite cell dependent postnatal muscle growth. Development (Cambridge), 2017, 144, 2737-2747.	2.5	34
113	Cardiomyocyte Regeneration. Circulation, 2017, 136, 680-686.	1.6	417
114	Two-Way Conversion between Lipogenic and Myogenic Fibroblastic Phenotypes Marks the Progression and Resolution of Lung Fibrosis. Cell Stem Cell, 2017, 20, 261-273.e3.	11.1	217
115	Exosomal tetraspanins mediate cancer metastasis by altering host microenvironment. Oncotarget, 2017, 8, 62803-62815.	1.8	44
116	Disruption of spatiotemporal hypoxic signaling causes congenital heart disease in mice. Journal of Clinical Investigation, 2017, 127, 2235-2248.	8.2	36
117	TEAD transcription factors are required for normal primary myoblast differentiation in vitro and muscle regeneration in vivo. PLoS Genetics, 2017, 13, e1006600.	3.5	55
118	Nonâ€invasive lung cancer diagnosis by detection of <scp>GATA</scp>6 and <scp>NKX</scp>2â€1 isoforms in exhaled breath condensate. EMBO Molecular Medicine, 2016, 8, 1380-1389.	6.9	29
119	HIPK family kinases bind and regulate the function of the CCR4-NOT complex. Molecular Biology of the Cell, 2016, 27, 1969-1980.	2.1	17
120	The Chromatin Remodeling Complex Chd4/NuRD Controls Striated Muscle Identity and Metabolic Homeostasis. Cell Metabolism, 2016, 23, 881-892.	16.2	68
121	Succinate Dehydrogenase Supports Metabolic Repurposing of Mitochondria to Drive Inflammatory Macrophages. Cell, 2016, 167, 457-470.e13.	28.9	1,396
122	Mesenchymal stem cells attenuate inflammatory processes in the heart and lung via inhibition of TNF signaling. Basic Research in Cardiology, 2016, 111, 54.	5.9	37
123	Human R1441C LRRK2 regulates the synaptic vesicle proteome and phosphoproteome in aDrosophilamodel of Parkinsonâ€™s disease. Human Molecular Genetics, 2016, 25, ddw352.	2.9	61
124	The Ubiquitin-Like SUMO System and Heart Function. Circulation Research, 2016, 118, 132-144.	4.5	86
125	Regulation of Skeletal Muscle Stem Cell Quiescence by Suv4-20h1-Dependent Facultative Heterochromatin Formation. Cell Stem Cell, 2016, 18, 229-242.	11.1	122
126	Myf5 and Myogenin in the development of thymic myoid cells â€" Implications for a murine in vivo model of myasthenia gravis. Experimental Neurology, 2016, 277, 76-85.	4.1	6

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127	Caught Red-Handed. Circulation Research, 2016, 118, 3-5.	4.5	10
128	Elevated Glucose Levels Promote Contractile and Cytoskeletal Gene Expression in Vascular Smooth Muscle via Rho/Protein Kinase C and Actin Polymerization. Journal of Biological Chemistry, 2016, 291, 3552-3568.	3.4	54
129	FOXO1 couples metabolic activity and growth state in the vascular endothelium. Nature, 2016, 529, 216-220.	27.8	438
130	BRAF activates PAX3 to control muscle precursor cell migration during forelimb muscle development. ELife, 2016, 5, .	6.0	16
131	Developmental alterations in centrosome integrity contribute to the post-mitotic state of mammalian cardiomyocytes. ELife, 2015, 4, .	6.0	105
132	Animal Models and â€œOmicsâ€•Technologies for Identification of Novel Biomarkers and Drug Targets to Prevent Heart Failure. BioMed Research International, 2015, 2015, 1-10.	1.9	9
133	Prmt5 is a regulator of muscle stem cell expansion in adult mice. Nature Communications, 2015, 6, 7140.	12.8	98
134	Myocardial healing requires Reg3Î²-dependent accumulation of macrophages in the ischemic heart. Nature Medicine, 2015, 21, 353-362.	30.7	141
135	The Transcriptional Landscape of Regenerating Newborn Mouse Hearts. Circulation Research, 2015, 116, 767-769.	4.5	2
136	Characterization of the platelet-derived growth factor receptor-Î±-positive cell lineage during murine late lung development. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L942-L958.	2.9	68
137	Doublecortin marks a new population of transiently amplifying muscle progenitor cells and is required for myofiber maturation during skeletal muscle regeneration. Development (Cambridge), 2015, 142, 51-61.	2.5	29
138	Targeting the Cellular Origin of Organ Fibrosis. Cell Stem Cell, 2015, 16, 3-4.	11.1	12
139	Myostatin induces interstitial fibrosis in the heart via TAK1 and p38. Cell and Tissue Research, 2015, 361, 779-787.	2.9	49
140	Myostatin and IGF-I signaling in end-stage human heart failure: a qRT-PCR study. Journal of Translational Medicine, 2015, 13, 1.	4.4	229
141	Response to Letter Regarding â€œMyostatin Regulates Energy Homeostasis in the Heart and Prevents Heart Failureâ€• Circulation Research, 2015, 116, e53-4.	4.5	0
142	Sirt7 Contributes to Myocardial Tissue Repair by Maintaining Transforming Growth Factor-Î² Signaling Pathway. Circulation, 2015, 132, 1081-1093.	1.6	88
143	High mobility group protein-mediated transcription requires DNA damage marker Î³-H2AX. Cell Research, 2015, 25, 837-850.	12.0	70
144	ZBTB17 (MIZ1) Is Important for the Cardiac Stress Response and a Novel Candidate Gene for Cardiomyopathy and Heart Failure. Circulation: Cardiovascular Genetics, 2015, 8, 643-652.	5.1	12

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145	ClpX stimulates the mitochondrial unfolded protein response (UPRmt) in mammalian cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2580-2591.	4.1	56
146	RNA-Seq analysis of isolated satellite cells in Prmt5 deficient mice. Genomics Data, 2015, 5, 122-125.	1.3	4
147	Validation of Tuba1a as Appropriate Internal Control for Normalization of Gene Expression Analysis during Mouse Lung Development. International Journal of Molecular Sciences, 2015, 16, 4492-4511.	4.1	26
148	Dissection of metabolic pathways in the Db/Db mouse model by integrative proteome and acetylome analysis. Molecular BioSystems, 2015, 11, 908-922.	2.9	20
149	Basal and exercise induced label-free quantitative protein profiling of m. vastus lateralis in trained and untrained individuals. Journal of Proteomics, 2015, 122, 119-132.	2.4	55
150	The failing heart is a major source of circulating FGF23 via oncostatin M receptor activation. Journal of Heart and Lung Transplantation, 2015, 34, 1211-1214.	0.6	58
151	The Isl1/Ldb1 Complex Orchestrates Genome-wide Chromatin Organization to Instruct Differentiation of Multipotent Cardiac Progenitors. Cell Stem Cell, 2015, 17, 287-299.	11.1	74
152	Response to Letter Regarding Article, â€œMyostatin Regulates Energy Homeostasis in the Heart and Prevents Heart Failureâ€• Circulation Research, 2015, 116, e97-8.	4.5	0
153	Attenuation of Wnt/Î²-catenin activity reverses enhanced generation of cardiomyocytes and cardiac defects caused by the loss of emerin. Human Molecular Genetics, 2015, 24, 802-813.	2.9	33
154	Dynamics of zebrafish fin regeneration using a pulsed SILAC approach. Proteomics, 2015, 15, 739-751.	2.2	35
155	Bronchoalveolar Sublineage Specification of Pluripotent Stem Cells: Effect of Dexamethasone Plus cAMP-Elevating Agents and Keratinocyte Growth Factor. Tissue Engineering - Part A, 2015, 21, 669-682.	3.1	7
156	Data Mining in Newt-Omics, the Repository for Omics Data from the Newt. Methods in Molecular Biology, 2015, 1290, 337-351.	0.9	3
157	Cardiac-Specific Activation of IKK2 Leads to Defects in Heart Development and Embryonic Lethality. PLoS ONE, 2015, 10, e0141591.	2.5	7
158	Prmt5 differentiates developmental vs regenerative myogenesis. Oncotarget, 2015, 6, 35153-35154.	1.8	2
159	Long-Term Organ Cultures of Newt Hearts. Methods in Molecular Biology, 2015, 1290, 241-251.	0.9	0
160	NOA1, a Novel ClpXP Substrate, Takes an Unexpected Nuclear Detour Prior to Mitochondrial Import. PLoS ONE, 2014, 9, e103141.	2.5	24
161	The miR-206/133b cluster is dispensable for development, survival and regeneration of skeletal muscle. Skeletal Muscle, 2014, 4, 23.	4.2	74
162	Molecular signatures that correlate with induction of lens regeneration in newts: lessons from proteomic analysis. Human Genomics, 2014, 8, 22.	2.9	16

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163	MIRPIPE: quantification of microRNAs in niche model organisms. Bioinformatics, 2014, 30, 3412-3413.	4.1	23
164	RBM24 Is a Major Regulator of Muscle-Specific Alternative Splicing. Developmental Cell, 2014, 31, 87-99.	7.0	127
165	Assessment of Serum Protein Dynamics by Native SILAC Flooding (SILflood). Analytical Chemistry, 2014, 86, 11033-11037.	6.5	13
166	Response: Contributions of the Myf5-Independent Lineage to Myogenesis. Developmental Cell, 2014, 31, 539-541.	7.0	8
167	Hmga2is required for canonical WNT signaling during lung development. BMC Biology, 2014, 12, 21.	3.8	55
168	Therapeutic targeting of the oncostatin M receptor-Î² prevents inflammatory heart failure. Basic Research in Cardiology, 2014, 109, 396.	5.9	53
169	Remodeling and dedifferentiation of adult cardiomyocytes during disease and regeneration. Cellular and Molecular Life Sciences, 2014, 71, 1907-1916.	5.4	66
170	Long Noncoding RNA MALAT1 Regulates Endothelial Cell Function and Vessel Growth. Circulation Research, 2014, 114, 1389-1397.	4.5	815
171	SIRT7 Controls Hepatic Lipid Metabolism by Regulating the Ubiquitin-Proteasome Pathway. Cell Metabolism, 2014, 19, 712-721.	16.2	173
172	Myostatin Regulates Energy Homeostasis in the Heart and Prevents Heart Failure. Circulation Research, 2014, 115, 296-310.	4.5	85
173	Induction of angiotensin-converting enzyme after miR-143/145 deletion is critical for impaired smooth muscle contractility. American Journal of Physiology - Cell Physiology, 2014, 307, C1093-C1101.	4.6	30
174	Global Protein Expression Profiling of Zebrafish Organs Based on in Vivo Incorporation of Stable Isotopes. Journal of Proteome Research, 2014, 13, 2162-2174.	3.7	25
175	Distinct structural and molecular features of the myocardial extracellular matrix remodeling in compensated and decompensated cardiac hypertrophy due to aortic stenosis. International Journal of Cardiology Heart & Vessels, 2014, 4, 145-160.	0.5	5
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