

Michael Kyba

List of Publications by Year in descending order

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160
papers

13,344
citations

26567

56
h-index

24179

110
g-index

170
all docs

170
docs citations

170
times ranked

16225
citing authors

#	ARTICLE	IF	CITATIONS
1	White Fat Progenitor Cells Reside in the Adipose Vasculature. <i>Science</i> , 2008, 322, 583-586.	6.0	983
2	The H19 lincRNA is a developmental reservoir of miR-675 that suppresses growth and Igf1r. <i>Nature Cell Biology</i> , 2012, 14, 659-665.	4.6	747
3	HoxB4 Confers Definitive Lymphoid-Myeloid Engraftment Potential on Embryonic Stem Cell and Yolk Sac Hematopoietic Progenitors. <i>Cell</i> , 2002, 109, 29-37.	13.5	726
4	Correction of a Genetic Defect by Nuclear Transplantation and Combined Cell and Gene Therapy. <i>Cell</i> , 2002, 109, 17-27.	13.5	572
5	Human ES- and iPS-Derived Myogenic Progenitors Restore DYSTROPHIN and Improve Contractility upon Transplantation in Dystrophic Mice. <i>Cell Stem Cell</i> , 2012, 10, 610-619.	5.2	411
6	Facioscapulohumeral Dystrophy: Incomplete Suppression of a Retrotransposed Gene. <i>PLoS Genetics</i> , 2010, 6, e1001181.	1.5	394
7	Mesp1 Acts as a Master Regulator of Multipotent Cardiovascular Progenitor Specification. <i>Cell Stem Cell</i> , 2008, 3, 69-84.	5.2	341
8	Efficiency of embryoid body formation and hematopoietic development from embryonic stem cells in different culture systems. <i>Biotechnology and Bioengineering</i> , 2002, 78, 442-453.	1.7	321
9	Generation of functional thyroid from embryonic stem cells. <i>Nature</i> , 2012, 491, 66-71.	13.7	319
10	Functional skeletal muscle regeneration from differentiating embryonic stem cells. <i>Nature Medicine</i> , 2008, 14, 134-143.	15.2	308
11	Canonical Wnt signaling is required for development of embryonic stem cell-derived mesoderm. <i>Development (Cambridge)</i> , 2006, 133, 3787-3796.	1.2	296
12	ER71 Acts Downstream of BMP, Notch, and Wnt Signaling in Blood and Vessel Progenitor Specification. <i>Cell Stem Cell</i> , 2008, 2, 497-507.	5.2	294
13	An isogenetic myoblast expression screen identifies DUX4-mediated FSHD-associated molecular pathologies. <i>EMBO Journal</i> , 2008, 27, 2766-2779.	3.5	272
14	Caspase Activity Mediates the Differentiation of Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2008, 2, 595-601.	5.2	244
15	p53 Regulates Cell Cycle and MicroRNAs to Promote Differentiation of Human Embryonic Stem Cells. <i>PLoS Biology</i> , 2012, 10, e1001268.	2.6	207
16	Nkx2-5 transactivates the <i>Ets</i> -related protein 1 gene and specifies an endothelial/endocardial fate in the developing embryo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 814-819.	3.3	195
17	Acquisition of a Quantitative, Stoichiometrically Conserved Ratiometric Marker of Maturation Status in Stem Cell-Derived Cardiac Myocytes. <i>Stem Cell Reports</i> , 2014, 3, 594-605.	2.3	195
18	Mesp1 Coordinately Regulates Cardiovascular Fate Restriction and Epithelial-Mesenchymal Transition in Differentiating ESCs. <i>Cell Stem Cell</i> , 2008, 3, 55-68.	5.2	180

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19	MLL-AF9 Expression in Hematopoietic Stem Cells Drives a Highly Invasive AML Expressing EMT-Related Genes Linked to Poor Outcome. <i>Cancer Cell</i> , 2016, 30, 43-58.	7.7	176
20	Inducible Cassette Exchange: A Rapid and Efficient System Enabling Conditional Gene Expression in Embryonic Stem and Primary Cells. <i>Stem Cells</i> , 2011, 29, 1580-1588.	1.4	170
21	Lineage Reprogramming of Fibroblasts into Proliferative Induced Cardiac Progenitor Cells by Defined Factors. <i>Cell Stem Cell</i> , 2016, 18, 354-367.	5.2	165
22	Direct induction of haematoendothelial programs in human pluripotent stem cells by transcriptional regulators. <i>Nature Communications</i> , 2014, 5, 4372.	5.8	160
23	Mesp1 Patterns Mesoderm into Cardiac, Hematopoietic, or Skeletal Myogenic Progenitors in a Context-Dependent Manner. <i>Cell Stem Cell</i> , 2013, 12, 587-601.	5.2	157
24	Zinc Finger Protein ZFP57 Requires Its Co-factor to Recruit DNA Methyltransferases and Maintains DNA Methylation Imprint in Embryonic Stem Cells via Its Transcriptional Repression Domain. <i>Journal of Biological Chemistry</i> , 2012, 287, 2107-2118.	1.6	153
25	Prospective Isolation of Skeletal Muscle Stem Cells with a Pax7 Reporter. <i>Stem Cells</i> , 2008, 26, 3194-3204.	1.4	152
26	DUX4 recruits p300/CBP through its C-terminus and induces global H3K27 acetylation changes. <i>Nucleic Acids Research</i> , 2016, 44, 5161-5173.	6.5	148
27	Cellular Aging Contributes to Failure of Cold-Induced Beige Adipocyte Formation in Old Mice and Humans. <i>Cell Metabolism</i> , 2017, 25, 166-181.	7.2	144
28	GATA2 functions at multiple steps in hemangioblast development and differentiation. <i>Development (Cambridge)</i> , 2007, 134, 393-405.	1.2	143
29	An ex vivo gene therapy approach to treat muscular dystrophy using inducible pluripotent stem cells. <i>Nature Communications</i> , 2013, 4, 1549.	5.8	124
30	ULK1 phosphorylates Ser30 of BECN1 in association with ATG14 to stimulate autophagy induction. <i>Autophagy</i> , 2018, 14, 584-597.	4.3	121
31	DNMT3A and TET1 cooperate to regulate promoter epigenetic landscapes in mouse embryonic stem cells. <i>Genome Biology</i> , 2018, 19, 88.	3.8	120
32	BCL6 controls neurogenesis through Sirt1-dependent epigenetic repression of selective Notch targets. <i>Nature Neuroscience</i> , 2012, 15, 1627-1635.	7.1	117
33	Assessment of the Myogenic Stem Cell Compartment Following Transplantation of Pax3/Pax7-Induced Embryonic Stem Cell-Derived Progenitors. <i>Stem Cells</i> , 2011, 29, 777-790.	1.4	111
34	Proteomic Analysis of Sox2-Associated Proteins During Early Stages of Mouse Embryonic Stem Cell Differentiation Identifies Sox21 as a Novel Regulator of Stem Cell Fate. <i>Stem Cells</i> , 2010, 28, 1715-1727.	1.4	107
35	Functional Myogenic Engraftment from Mouse iPS Cells. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 948-957.	5.6	106
36	ER71 directs mesodermal fate decisions during embryogenesis. <i>Development (Cambridge)</i> , 2011, 138, 4801-4812.	1.2	98

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37	The <i>Drosophila</i> Polycomb Group Protein Psc Contacts ph and Pc through Specific Conserved Domains. <i>Molecular and Cellular Biology</i> , 1998, 18, 2712-2720.	1.1	94
38	Clonal analysis of differentiating embryonic stem cells reveals a hematopoietic progenitor with primitive erythroid and adult lymphoid-myeloid potential. <i>Development (Cambridge)</i> , 2001, 128, 4597-4604.	1.2	92
39	A New Immuno-, Dystrophin-Deficient Model, the <i>NSG-mdx</i> <i>4Cv</i> Mouse, Provides Evidence for Functional Improvement Following Allogeneic Satellite Cell Transplantation. <i>Stem Cells</i> , 2013, 31, 1611-1620.	1.4	90
40	Muscle pathology from stochastic low level DUX4 expression in an FSHD mouse model. <i>Nature Communications</i> , 2017, 8, 550.	5.8	84
41	Hematopoietic differentiation of induced pluripotent stem cells from patients with mucopolysaccharidosis type I (Hurler syndrome). <i>Blood</i> , 2011, 117, 839-847.	0.6	82
42	Derivation and High Engraftment of Patient-Specific Cardiomyocyte Sheet Using Induced Pluripotent Stem Cells Generated From Adult Cardiac Fibroblast. <i>Circulation: Heart Failure</i> , 2015, 8, 156-166.	1.6	81
43	Estrogen Regulates the Satellite Cell Compartment in Females. <i>Cell Reports</i> , 2019, 28, 368-381.e6.	2.9	79
44	DUX4c, an FSHD candidate gene, interferes with myogenic regulators and abolishes myoblast differentiation. <i>Experimental Neurology</i> , 2008, 214, 87-96.	2.0	77
45	Snail and the microRNA-200 Family Act in Opposition to Regulate Epithelial-to-Mesenchymal Transition and Germ Layer Fate Restriction in Differentiating ESCs. <i>Stem Cells</i> , 2011, 29, 764-776.	1.4	73
46	Enhanced hematopoietic differentiation of embryonic stem cells conditionally expressing Stat5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11904-11910.	3.3	72
47	HoxA3 is an apical regulator of haemogenic endothelium. <i>Nature Cell Biology</i> , 2011, 13, 72-78.	4.6	72
48	TBX3 Directs Cell-Fate Decision toward Mesendoderm. <i>Stem Cell Reports</i> , 2013, 1, 248-265.	2.3	72
49	Embryonic stem cell-based mapping of developmental transcriptional programs. <i>Nature Methods</i> , 2011, 8, 1056-1058.	9.0	71
50	What is a Master Regulator?. <i>Journal of Stem Cell Research & Therapy</i> , 2013, 03, .	0.3	71
51	Nuclear transplantation, embryonic stem cells and the potential for cell therapy. <i>The Hematology Journal</i> , 2004, 5, S114-S117.	2.0	68
52	A focal domain of extreme demethylation within D4Z4 in FSHD2. <i>Neurology</i> , 2013, 80, 392-399.	1.5	67
53	The SAM domain of polyhomeotic, RAE28, and Scm mediates specific interactions through conserved residues. <i>Genesis</i> , 1998, 22, 74-84.	3.1	65
54	Etv2 Is Expressed in the Yolk Sac Hematopoietic and Endothelial Progenitors and Regulates <i>Lmo2</i> Gene Expression. <i>Stem Cells</i> , 2012, 30, 1611-1623.	1.4	65

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55	Dominant Lethal Pathologies in Male Mice Engineered to Contain an X-Linked DUX4 Transgene. <i>Cell Reports</i> , 2014, 8, 1484-1496.	2.9	65
56	RAE28, BMI1, and M33 Are Members of Heterogeneous Multimeric Mammalian Polycomb Group Complexes. <i>Biochemical and Biophysical Research Communications</i> , 1998, 245, 356-365.	1.0	64
57	Engraftment of mesenchymal stem cells into dystrophin-deficient mice is not accompanied by functional recovery. <i>Experimental Cell Research</i> , 2009, 315, 2624-2636.	1.2	63
58	Expansion and Purification Are Critical for the Therapeutic Application of Pluripotent Stem Cell-Derived Myogenic Progenitors. <i>Stem Cell Reports</i> , 2017, 9, 12-22.	2.3	60
59	A Conserved Role for Hox Paralog Group 4 in Regulation of Hematopoietic Progenitors. <i>Stem Cells and Development</i> , 2009, 18, 783-792.	1.1	59
60	The Wnt3a/ β -catenin target gene Mesogenin1 controls the segmentation clock by activating a Notch signalling program. <i>Nature Communications</i> , 2011, 2, 390.	5.8	56
61	High-throughput screening identifies inhibitors of DUX4-induced myoblast toxicity. <i>Skeletal Muscle</i> , 2014, 4, 4.	1.9	56
62	Evolutionarily conserved <i>Tbx5</i> $\hat{=}$ <i>Wnt2/2b</i> pathway orchestrates cardiopulmonary development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10615-E10624.	3.3	55
63	NLRP7 affects trophoblast lineage differentiation, binds to overexpressed YY1 and alters CpG methylation. <i>Human Molecular Genetics</i> , 2014, 23, 706-716.	1.4	54
64	Biphasic Myopathic Phenotype of Mouse DUX, an ORF within Conserved FSHD-Related Repeats. <i>PLoS ONE</i> , 2009, 4, e7003.	1.1	54
65	Reconstruction of phrenic neuron identity in embryonic stem cell-derived motor neurons. <i>Development (Cambridge)</i> , 2014, 141, 784-794.	1.2	51
66	Cooperative interaction of Etv2 and Gata2 regulates the development of endothelial and hematopoietic lineages. <i>Developmental Biology</i> , 2014, 389, 208-218.	0.9	51
67	Eomesodermin induces Mesp1 expression and cardiac differentiation from embryonic stem cells in the absence of Activin. <i>EMBO Reports</i> , 2012, 13, 355-362.	2.0	50
68	Nkx2-5 Represses <i>Gata1</i> Gene Expression and Modulates the Cellular Fate of Cardiac Progenitors During Embryogenesis. <i>Circulation</i> , 2011, 123, 1633-1641.	1.6	48
69	Skeletal Muscle Stem Cells from PSC-Derived Teratomas Have Functional Regenerative Capacity. <i>Cell Stem Cell</i> , 2018, 23, 74-85.e6.	5.2	48
70	A novel P300 inhibitor reverses DUX4-mediated global histone H3 hyperacetylation, target gene expression, and cell death. <i>Science Advances</i> , 2019, 5, eaaw7781.	4.7	47
71	Transcriptional and cytopathological hallmarks of FSHD in chronic DUX4-expressing mice. <i>Journal of Clinical Investigation</i> , 2020, 130, 2465-2477.	3.9	44
72	A Role for Thrombopoietin in Hemangioblast Development. <i>Stem Cells</i> , 2003, 21, 272-280.	1.4	43

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73	Genome-wide analysis of target genes regulated by HoxB4 in hematopoietic stem and progenitor cells developing from embryonic stem cells. <i>Blood</i> , 2011, 117, e142-e150.	0.6	42
74	Development of Bipotent Cardiac/Skeletal Myogenic Progenitors from MESP1+ Mesoderm. <i>Stem Cell Reports</i> , 2016, 6, 26-34.	2.3	42
75	A novel member of murine Polycomb-group proteins, Sex comb on midleg homolog protein, is highly conserved, and interacts with RAE28/mph1 in vitro. <i>Differentiation</i> , 1999, 65, 229-239.	1.0	41
76	A JAK2 Interdomain Linker Relays Epo Receptor Engagement Signals to Kinase Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 26988-26998.	1.6	41
77	The DUX4 homeodomains mediate inhibition of myogenesis and are functionally exchangeable with the Pax7 homeodomain. <i>Journal of Cell Science</i> , 2017, 130, 3685-3697.	1.2	41
78	miR-125b promotes MLL-AF9-driven murine acute myeloid leukemia involving a VEGFA-mediated non-cell-intrinsic mechanism. <i>Blood</i> , 2017, 129, 1491-1502.	0.6	40
79	Pax7 remodels the chromatin landscape in skeletal muscle stem cells. <i>PLoS ONE</i> , 2017, 12, e0176190.	1.1	40
80	Acceleration of mesoderm development and expansion of hematopoietic progenitors in differentiating ES cells by the mouse Mix-like homeodomain transcription factor. <i>Blood</i> , 2006, 107, 3122-3130.	0.6	39
81	Engraftment of embryonic stem cell-derived myogenic progenitors in a dominant model of muscular dystrophy. <i>Experimental Neurology</i> , 2009, 220, 212-216.	2.0	39
82	Modulation of TGF- β 2 signaling by endoglin in murine hemangioblast development and primitive hematopoiesis. <i>Blood</i> , 2011, 118, 88-97.	0.6	39
83	A PPAR β transcriptional cascade directs adipose progenitor cell-niche interaction and niche expansion. <i>Nature Communications</i> , 2017, 8, 15926.	5.8	39
84	Mesodermal patterning activity of SCL. <i>Experimental Hematology</i> , 2008, 36, 1593-1603.	0.2	38
85	Hematopoiesis from embryonic stem cells: lessons from and for ontogeny. <i>Experimental Hematology</i> , 2003, 31, 994-1006.	0.2	37
86	A critical role for endoglin in the emergence of blood during embryonic development. <i>Blood</i> , 2012, 119, 5417-5428.	0.6	36
87	The polyhomeotic locus of <i>Drosophila melanogaster</i> is transcriptionally and post-transcriptionally regulated during embryogenesis. <i>Mechanisms of Development</i> , 1997, 66, 69-81.	1.7	35
88	Pluripotent stem cell-derived myogenic progenitors remodel their molecular signature upon in vivo engraftment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4346-4351.	3.3	35
89	Inducible Transgene Expression in Mouse Stem Cells. , 2005, 105, 023-046.		31
90	Nkx2-5 Mediates Differential Cardiac Differentiation Through Interaction with Hoxa10. <i>Stem Cells and Development</i> , 2013, 22, 2211-2220.	1.1	31

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91	Rapid Genetic Modification of Mouse Embryonic Stem Cells by Inducible Cassette Exchange Recombination. <i>Methods in Molecular Biology</i> , 2014, 1101, 339-351.	0.4	31
92	Transcripts that associate with the RNA binding protein, DEAD-END (DND1), in embryonic stem (ES) cells. <i>BMC Molecular Biology</i> , 2011, 12, 37.	3.0	30
93	DNA-binding sequence specificity of DUX4. <i>Skeletal Muscle</i> , 2015, 6, 8.	1.9	30
94	Low level DUX4 expression disrupts myogenesis through deregulation of myogenic gene expression. <i>Scientific Reports</i> , 2018, 8, 16957.	1.6	30
95	A moderate oestradiol level enhances neutrophil number and activity in muscle after traumatic injury but strength recovery is accelerated. <i>Journal of Physiology</i> , 2018, 596, 4665-4680.	1.3	29
96	Tet3 regulates cellular identity and DNA methylation in neural progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2871-2883.	2.4	29
97	Inducible Gata1 suppression expands megakaryocyte-erythroid progenitors from embryonic stem cells. <i>Journal of Clinical Investigation</i> , 2015, 125, 2369-2374.	3.9	29
98	Dux facilitates post-implantation development, but is not essential for zygotic genome activation. <i>Biology of Reproduction</i> , 2021, 104, 83-93.	1.2	26
99	OVOL2 is a critical regulator of ER71/ETV2 in generating FLK1+, hematopoietic, and endothelial cells from embryonic stem cells. <i>Blood</i> , 2014, 124, 2948-2952.	0.6	24
100	Crystal Structure of the Double Homeodomain of DUX4 in Complex with DNA. <i>Cell Reports</i> , 2018, 25, 2955-2962.e3.	2.9	24
101	GSK3 β inhibition activates the CDX/HOX pathway and promotes hemogenic endothelial progenitor differentiation from human pluripotent stem cells. <i>Experimental Hematology</i> , 2016, 44, 68-74.e10.	0.2	23
102	An Inducible Expression System of the Calcium-Activated Potassium Channel 4 to Study the Differential Impact on Embryonic Stem Cells. <i>Stem Cells International</i> , 2011, 2011, 1-12.	1.2	22
103	p53-independent DUX4 pathology. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 1211-1216.	1.2	22
104	Germ Cell Nuclear Factor (GCNF) Represses Oct4 Expression and Globally Modulates Gene Expression in Human Embryonic Stem (hES) Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 8644-8652.	1.6	20
105	Characterization of an <i>In Vitro</i> Differentiation Assay for Pancreatic-Like Cell Development from Murine Embryonic Stem Cells: Detailed Gene Expression Analysis. <i>Assay and Drug Development Technologies</i> , 2011, 9, 403-419.	0.6	19
106	Freeze Injury of the Tibialis Anterior Muscle. <i>Methods in Molecular Biology</i> , 2016, 1460, 33-41.	0.4	19
107	DNA aptamers against the DUX4 protein reveal novel therapeutic implications for FSHD. <i>FASEB Journal</i> , 2020, 34, 4573-4590.	0.2	19
108	Expression levels of endoglin distinctively identify hematopoietic and endothelial progeny at different stages of yolk sac hematopoiesis. <i>Stem Cells</i> , 2013, 31, 1893-1901.	1.4	18

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109	DNA methylation of Runx1 regulatory regions correlates with transition from primitive to definitive hematopoietic potential in vitro and in vivo. <i>Blood</i> , 2013, 122, 2978-2986.	0.6	18
110	Inactivation of the CIC-DUX4 oncogene through P300/CBP inhibition, a therapeutic approach for CIC-DUX4 sarcoma. <i>Oncogenesis</i> , 2021, 10, 68.	2.1	18
111	Oestradiol affects skeletal muscle mass, strength and satellite cells following repeated injuries. <i>Experimental Physiology</i> , 2020, 105, 1700-1707.	0.9	16
112	Molecular Functions of the LIM-Homeobox Transcription Factor <i>Lhx2</i> in Hematopoietic Progenitor Cells Derived from Mouse Embryonic Stem Cells. <i>Stem Cells</i> , 2013, 31, 2680-2689.	1.4	15
113	Pax3-induced expansion enables the genetic correction of dystrophic satellite cells. <i>Skeletal Muscle</i> , 2015, 5, 36.	1.9	14
114	Flow Cytometry and Transplantation-Based Quantitative Assays for Satellite Cell Self-Renewal and Differentiation. <i>Methods in Molecular Biology</i> , 2016, 1460, 163-179.	0.4	14
115	A Novel Inducible Mouse Model of <i>MLL</i> -driven Mixed-lineage Acute Leukemia. <i>HemaSphere</i> , 2018, 2, e51.	1.2	14
116	Pluripotent Stem Cell-Based Therapeutics for Muscular Dystrophies. <i>Trends in Molecular Medicine</i> , 2019, 25, 803-816.	3.5	14
117	Preservation of satellite cell number and regenerative potential with age reveals locomotory muscle bias. <i>Skeletal Muscle</i> , 2021, 11, 22.	1.9	14
118	High Frequency Hearing Loss and Hyperactivity in DUX4 Transgenic Mice. <i>PLoS ONE</i> , 2016, 11, e0151467.	1.1	14
119	Heterogeneity of <i>Mesp1</i> + mesoderm revealed by single-cell RNA-seq. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 469-475.	1.0	13
120	Transcriptional Inhibitors Identified in a 160,000-Compound Small-Molecule DUX4 Viability Screen. <i>Journal of Biomolecular Screening</i> , 2016, 21, 680-688.	2.6	13
121	Decreased Proliferation Kinetics of Mouse Myoblasts Overexpressing FRG1. <i>PLoS ONE</i> , 2011, 6, e19780.	1.1	13
122	The Retinoid Signaling Pathway Inhibits Hematopoiesis and Uncouples from the Hox Genes During Hematopoietic Development. <i>Stem Cells</i> , 2010, 28, 1518-1529.	1.4	12
123	Expression of the Human FSHD-Linked DUX4 Gene Induces Neurogenesis During Differentiation of Murine Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 2440-2448.	1.1	12
124	The Plasminogen Activation System Modulates Differently Adipogenesis and Myogenesis of Embryonic Stem Cells. <i>PLoS ONE</i> , 2012, 7, e49065.	1.1	12
125	Development of Hematopoietic Repopulating Cells from Embryonic Stem Cells. <i>Methods in Enzymology</i> , 2003, 365, 114-129.	0.4	11
126	Satellite cell heterogeneity revealed by G-Tool, an open algorithm to quantify myogenesis through colony-forming assays. <i>Skeletal Muscle</i> , 2012, 2, 13.	1.9	11

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127	Persistent Fibroadipogenic Progenitor Expansion Following Transient DUX4 Expression Provokes a Profibrotic State in a Mouse Model for FSHD. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1983.	1.8	11
128	Tantalus, a Novel ASX-Interacting Protein with Tissue-Specific Functions. <i>Developmental Biology</i> , 2001, 234, 441-453.	0.9	10
129	Sarcopenic Obesity in Facioscapulohumeral Muscular Dystrophy. <i>Frontiers in Physiology</i> , 2020, 11, 1008.	1.3	10
130	InÂvitro expanded skeletal myogenic progenitors from pluripotent stem cell-derived teratomas have high engraftment capacity. <i>Stem Cell Reports</i> , 2021, 16, 2900-2912.	2.3	9
131	Laminin 411 mediates endothelial specification via multiple signaling axes that converge on β -catenin. <i>Stem Cell Reports</i> , 2022, 17, 569-583.	2.3	9
132	Transgenes Targeted to the HPRT Locus and Expressed from a Tetracycline-Inducible Promoter Are Silenced during Embryonic Stem Cell Differentiation.. <i>Blood</i> , 2005, 106, 3618-3618.	0.6	8
133	Genesis of Hematopoietic Stem Cells In Vitro and In Vivo: New Insights into Developmental Maturation. <i>International Journal of Hematology</i> , 2005, 81, 275-280.	0.7	7
134	Prospective isolation of human fibroadipogenic progenitors with CD73. <i>Heliyon</i> , 2020, 6, e04503.	1.4	7
135	Enhanced differentiation of human induced pluripotent stem cells toward the midbrain dopaminergic neuron lineage through GLYPICAN-4 downregulation. <i>Stem Cells Translational Medicine</i> , 2021, 10, 725-742.	1.6	7
136	B1 lymphocytes develop independently of Notch signaling during mouse embryonic development. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	6
137	Gene therapy by allele selection in a mouse model of beta-thalassemia. <i>Journal of Clinical Investigation</i> , 2011, 121, 623-627.	3.9	6
138	Notch activation is required for downregulation of HoxA3-dependent endothelial cell phenotype during blood formation. <i>PLoS ONE</i> , 2017, 12, e0186818.	1.1	6
139	Drosophila Cyclin G and epigenetic maintenance of gene expression during development. <i>Epigenetics and Chromatin</i> , 2015, 8, 18.	1.8	5
140	Fli1 Promotes Vascular Morphogenesis by Regulating Endothelial Potential of Multipotent Myogenic Progenitors. <i>Circulation Research</i> , 2021, 129, 949-964.	2.0	5
141	Estradiol deficiency reduces the satellite cell pool by impairing cell cycle progression. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C1123-C1137.	2.1	5
142	Modulating the malignancy of Hox proteins. <i>Blood</i> , 2017, 129, 269-270.	0.6	4
143	Chromatin accessibility profiling identifies evolutionary conserved loci in activated human satellite cells. <i>Stem Cell Research</i> , 2021, 55, 102496.	0.3	4
144	Twist of fate for skeletal muscle mesenchymal cells. <i>Nature Cell Biology</i> , 2017, 19, 153-154.	4.6	3

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145	Resting metabolic rate in adults with facioscapulohumeral muscular dystrophy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1058-1064.	0.9	3
146	An ES cell-derived immune system. <i>Blood</i> , 2008, 111, 2948-2949.	0.6	2
147	Mesoderm, Cooked Up Fast and Served to Order. <i>Cell Stem Cell</i> , 2016, 19, 146-148.	5.2	2
148	Antiapoptotic Protein FAIM2 is targeted by miR-3202, and DUX4 via TRIM21, leading to cell death and defective myogenesis. <i>Cell Death and Disease</i> , 2022, 13, 405.	2.7	2
149	Hemogenic endothelium in a dish. <i>Blood</i> , 2013, 121, 417-418.	0.6	1
150	Comment on structural basis of DUX4/IGH-driven transactivation. <i>Leukemia</i> , 2018, 32, 2090-2092.	3.3	1
151	Baroreflex sensitivity in facioscapulohumeral muscular dystrophy. <i>Physiological Reports</i> , 2022, 10, e15277.	0.7	1
152	Estrogen Regulates the Satellite Cell Compartment in Females. <i>SSRN Electronic Journal</i> , 2018, .	0.4	0
153	Replication of bone-marrow pathophysiology. <i>Nature Biomedical Engineering</i> , 2020, 4, 364-365.	11.6	0
154	Lymphoid, Long-Term Repopulating, and Endothelial Potential of the Embryonic Hemangioblast.. <i>Blood</i> , 2006, 108, 1657-1657.	0.6	0
155	HoxA2 Regulates Proliferation of an Embryonic Megakaryocyte Progenitor, Which Can Effectively Produce Platelets In Vitro.. <i>Blood</i> , 2007, 110, 1266-1266.	0.6	0
156	Mesodermal Patterning Activity of the Transcription Factor SCL.. <i>Blood</i> , 2007, 110, 1241-1241.	0.6	0
157	DNA Methylation Profile of Runx1 Regulatory Regions Is Correlated with Transition From Primitive to Definitive Hematopoietic Potential In Vitro and In Vivo. <i>Blood</i> , 2011, 118, 389-389.	0.6	0
158	Cellular and Molecular Targets of MLL-AF9 in a Novel Conditional Mouse Model. <i>Blood</i> , 2012, 120, 1280-1280.	0.6	0
159	A Novel Conditional Mouse Model For MLL-ENL Induced Acute Leukemia. <i>Blood</i> , 2013, 122, 1277-1277.	0.6	0
160	Editorial overview "Differentiation: the driver of development. <i>Current Opinion in Cell Biology</i> , 2021, 73, iii-v.	2.6	0