

# Mervin C Yoder

## List of Publications by Year in descending order

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315  
papers

20,795  
citations

10388  
72  
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11607  
135  
g-index

326  
all docs

326  
docs citations

326  
times ranked

19320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regeneration and replacement of endothelial cells and renal vascular repair. , 2022, , 129-144.		1
2	Hal E. Broxmeyer (1944â€“2021). Cell Stem Cell, 2022, 29, 187-188.	11.1	0
3	Specific mesoderm subset derived from human pluripotent stem cells ameliorates microvascular pathology in type 2 diabetic mice. Science Advances, 2022, 8, eabm5559.	10.3	8
4	Readily Available Tissue-Engineered Vascular Grafts Derived From Human Induced Pluripotent Stem Cells. Circulation Research, 2022, 130, 925-927.	4.5	5
5	Hematopoiesis. , 2021, , 10-24.		0
6	A multiplexed immuno-sensor for on-line and automated monitoring of tissue culture protein biomarkers. Talanta, 2021, 225, 122021.	5.5	10
7	Sox9 and Rbpj differentially regulate endothelial to mesenchymal transition and wound scarring in murine endovascular progenitors. Nature Communications, 2021, 12, 2564.	12.8	26
8	Identification of Endothelial Cells and Their Progenitors. Methods in Molecular Biology, 2021, 2206, 27-37.	0.9	5
9	A Pulmonary Vascular Model From Endothelialized Whole Organ Scaffolds. Frontiers in Bioengineering and Biotechnology, 2021, 9, 760309.	4.1	4
10	Endothelial Cells Transition to Blood Cells but Probably Not Back Again. Circulation Research, 2020, 127, 1233-1235.	4.5	2
11	Novel Markers of Angiogenesis in the Setting of Cognitive Impairment and Dementia. Journal of Alzheimer's Disease, 2020, 75, 959-969.	2.6	12
12	Clonally selected primitive endothelial cells promote occlusive pulmonary arteriopathy and severe pulmonary hypertension in rats exposed to chronic hypoxia. Scientific Reports, 2020, 10, 1136.	3.3	15
13	Isolation of tissue-resident vascular endothelial stem cells from mouse liver. Nature Protocols, 2020, 15, 1066-1081.	12.0	18
14	Endothelial Stem and Progenitor Cells for Regenerative Medicine. Current Stem Cell Reports, 2019, 5, 101-108.	1.6	8
15	Peripheral blood-derived mesenchymal stem cells demonstrate immunomodulatory potential for therapeutic use in horses. PLoS ONE, 2019, 14, e0212642.	2.5	29
16	NOX4 is a major regulator of cord blood-derived endothelial colony-forming cells which promotes post-ischaemic revascularization. Cardiovascular Research, 2019, 116, 393-405.	3.8	10
17	Identification of Circulating Endothelial Colony-Forming Cells from Murine Embryonic Peripheral Blood. Methods in Molecular Biology, 2019, 1940, 97-107.	0.9	4
18	Long-Term Engraftment of ESC-Derived B-1 Progenitor Cells Supports HSC-Independent Lymphopoiesis. Stem Cell Reports, 2019, 12, 572-583.	4.8	15

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19	YAP and TAZ limit cytoskeletal and focal adhesion maturation to enable persistent cell motility. <i>Journal of Cell Biology</i> , 2019, 218, 1369-1389.	5.2	115
20	Epac agonist improves barrier function in iPSC-derived endothelial colony forming cells for whole organ tissue engineering. <i>Biomaterials</i> , 2019, 200, 25-34.	11.4	22
21	Mutant p53 drives clonal hematopoiesis through modulating epigenetic pathway. <i>Nature Communications</i> , 2019, 10, 5649.	12.8	77
22	Endothelial Colony-Forming Cell Function Is Reduced During HIV Infection. <i>Journal of Infectious Diseases</i> , 2019, 219, 1076-1083.	4.0	7
23	B1 B cell progenitors. <i>Science</i> , 2019, 364, 248-248.	12.6	5
24	Progenitor cell combination normalizes retinal vascular development in the oxygen-induced retinopathy (OIR) model. <i>JCI Insight</i> , 2019, 4, .	5.0	24
25	Does Multicolor Lineage Tracing of Endothelial Cells Provide a Black and White Answer on Clonal Expansion in Post-Natal Angiogenesis?. <i>Circulation Research</i> , 2018, 122, 643-645.	4.5	1
26	8â€¦Nadph oxidase 4 is a major regulator of cord blood-derived endothelial colony-forming cells which promotes postischemic revascularisation. , 2018, , .		0
27	CD157 Marks Tissue-Resident Endothelial Stem Cells with Homeostatic and Regenerative Properties. <i>Cell Stem Cell</i> , 2018, 22, 384-397.e6.	11.1	152
28	Genotoxic stresses promote clonal expansion of hematopoietic stem cells expressing mutant p53. <i>Leukemia</i> , 2018, 32, 850-854.	7.2	26
29	Restructuring of the Gut Microbiome by Intermittent Fasting Prevents Retinopathy and Prolongs Survival in <i>&lt;i&gt;db/db&lt;/i&gt;</i> Mice. <i>Diabetes</i> , 2018, 67, 1867-1879.	0.6	243
30	Unique Gene Expression in Developing Ascending Vasa Recta: A Tale of Tie. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1073-1074.	6.1	1
31	Endothelial colony-forming cells and pro-angiogenic cells: clarifying definitions and their potential role in mitigating acute kidney injury. <i>Acta Physiologica</i> , 2018, 222, e12914.	3.8	29
32	Tissue regeneration using endothelial colony-forming cells: promising cells for vascular repair. <i>Pediatric Research</i> , 2018, 83, 283-290.	2.3	80
33	Endothelial stem and progenitor cells (stem cells): (2017 Grover Conference Series). <i>Pulmonary Circulation</i> , 2018, 8, 1-9.	1.7	39
34	P38Î±/JNK signaling restrains erythropoiesis by suppressing Ezh2-mediated epigenetic silencing of Bim. <i>Nature Communications</i> , 2018, 9, 3518.	12.8	25
35	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , 2018, 21, 425-532.	7.2	429
36	Differential HDAC6 Activity Modulates Ciliogenesis and Subsequent Mechanosensing of Endothelial Cells Derived from Pluripotent Stem Cells. <i>Cell Reports</i> , 2018, 24, 895-908.e6.	6.4	21

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37	“Seeing” iPSCs in the Retina During Retinal Repair in Diabetic Retinopathy. Microscopy and Microanalysis, 2018, 24, 2306-2307.	0.4	0
38	Mycophenolic acid induces senescence of vascular precursor cells. PLoS ONE, 2018, 13, e0193749.	2.5	9
39	Hematopoietic-restricted Ptpn11E76K reveals indolent MPN progression in mice. Oncotarget, 2018, 9, 21831-21843.	1.8	7
40	Phosphatase PRL2 promotes AML1-ETO-induced acute myeloid leukemia. Leukemia, 2017, 31, 1453-1457.	7.2	6
41	Two-Photon Intravital Fluorescence Lifetime Imaging of the Kidney Reveals Cell-Type Specific Metabolic Signatures. Journal of the American Society of Nephrology: JASN, 2017, 28, 2420-2430.	6.1	71
42	Hydrogen Sulfide: A Potential Novel Therapy for the Treatment of Ischemia. Shock, 2017, 48, 511-524.	2.1	16
43	A Common Origin for B-1a and B-2 Lymphocytes in Clonal Pre- Hematopoietic Stem Cells. Stem Cell Reports, 2017, 8, 1563-1572.	4.8	41
44	Stemulate supports differentiation of iPS cell-derived endothelial colony-forming cells. Cytotherapy, 2017, 19, e21.	0.7	0
45	Endothelial colony-forming cells ameliorate endothelial dysfunction via secreted factors following ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2017, 312, F897-F907.	2.7	42
46	Endothelial Progenitors: A Consensus Statement on Nomenclature. Stem Cells Translational Medicine, 2017, 6, 1316-1320.	3.3	358
47	Electroacupuncture Promotes Central Nervous System-Dependent Release of Mesenchymal Stem Cells. Stem Cells, 2017, 35, 1303-1315.	3.2	37
48	Protein Tyrosine Phosphatase PRL2 Mediates Notch and Kit Signals in Early T Cell Progenitors. Stem Cells, 2017, 35, 1053-1064.	3.2	14
49	Yolk sac erythromyeloid progenitors expressing gain of function PTPN11 have functional features of JMML but are not sufficient to cause disease in mice. Developmental Dynamics, 2017, 246, 1001-1014.	1.8	7
50	Differentiation, Evaluation, and Application of Human Induced Pluripotent Stem Cell–Derived Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2014-2025.	2.4	68
51	iPSC–Derived Vascular Cell Spheroids as Building Blocks for Scaffold–Free Biofabrication. Biotechnology Journal, 2017, 12, 1700444.	3.5	48
52	Epigenetic Activation of Pro-angiogenic Signaling Pathways in Human Endothelial Progenitors Increases Vasculogenesis. Stem Cell Reports, 2017, 9, 1573-1587.	4.8	36
53	From embryo mutation to adult degeneration. Nature, 2017, 549, 340-342.	27.8	3
54	Large-scale 3-dimensional quantitative imaging of tissues: state-of-the-art and translational implications. Translational Research, 2017, 189, 1-12.	5.0	23

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55	Pharmacological inhibition of AKT activity in human CD34+ cells enhances their ability to engraft immunodeficient mice. <i>Experimental Hematology</i> , 2017, 45, 74-84.	0.4	5
56	Developmental Biology of Stem Cells. , 2017, , 1094-1104.e2.		1
57	Mice expressing KrasG12D in hematopoietic multipotent progenitor cells develop neonatal myeloid leukemia. <i>Journal of Clinical Investigation</i> , 2017, 127, 3652-3656.	8.2	7
58	Reduced proliferation of endothelial colony-forming cells in unprovoked venous thromboembolic disease as a consequence of endothelial dysfunction. <i>PLoS ONE</i> , 2017, 12, e0183827.	2.5	14
59	Promoting vascular repair in the retina: can stem/progenitor cells help?. <i>Eye and Brain</i> , 2016, 8, 113.	2.5	9
60	10. High-Efficiency Transduction of Primary Human CD34+ Hematopoietic Stem/Progenitor Cells by AAV6 Serotype Vectors: Strategies for Overcoming Donor Variation and Implications in Genome Editing. <i>Molecular Therapy</i> , 2016, 24, S5-S6.	8.2	0
61	Endogenous Transmembrane TNF-Alpha Protects Against Premature Senescence in Endothelial Colony Forming Cells. <i>Circulation Research</i> , 2016, 118, 1512-1524.	4.5	22
62	High-Efficiency Transduction of Primary Human Hematopoietic Stem/Progenitor Cells by AAV6 Vectors: Strategies for Overcoming Donor-Variation and Implications in Genome Editing. <i>Scientific Reports</i> , 2016, 6, 35495.	3.3	29
63	Functional Differences Between Placental Micro- and Macrovascular Endothelial Colony-Forming Cells. <i>Stem Cells Translational Medicine</i> , 2016, 5, 291-300.	3.3	22
64	Human Adipose Stromal Cells Increase Survival and Mesenteric Perfusion Following Intestinal Ischemia and Reperfusion Injury. <i>Shock</i> , 2016, 46, 75-82.	2.1	21
65	In Vitro Multitissue Interface Model Supports Rapid Vasculogenesis and Mechanistic Study of Vascularization across Tissue Compartments. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 21848-21860.	8.0	14
66	Endothelial colony-forming cells: Biological and functional abnormalities in patients with recurrent, unprovoked venous thromboembolic disease. <i>Thrombosis Research</i> , 2016, 137, 157-168.	1.7	29
67	High-Efficiency Transduction of Primary Human Hematopoietic Stem/Progenitor Cells By AAV6 Vectors: strategies for Overcoming Donor-Variation and Implications in Genome Editing. <i>Blood</i> , 2016, 128, 5889-5889.	1.4	0
68	PTPN11D61Y/+; Vavcre+ Animals Commonly Succumb to Leukemia Relapse Despite Robust Engraftment of Transplanted Wild-Type Hematopoietic Stem and Progenitor Cells. <i>Blood</i> , 2016, 128, 496-496.	1.4	1
69	550. Primary Human CD34+ Hematopoietic Stem/Progenitor Cell (HSPC) Transduction By AAV6 Serotype Vectors: Strategies for Overcoming the Donor-Variation. <i>Molecular Therapy</i> , 2015, 23, S220-S221.	8.2	0
70	Differentiation of pluripotent stem cells into endothelial cells. <i>Current Opinion in Hematology</i> , 2015, 22, 252-257.	2.5	55
71	Enhanced Viability of Endothelial Colony Forming Cells in Fibrin Microbeads for Sensor Vascularization. <i>Sensors</i> , 2015, 15, 23886-23902.	3.8	7
72	Notch ligand Delta-like 1 promotes in vivo vasculogenesis in human cord blood-derived endothelial colony forming cells. <i>Cytotherapy</i> , 2015, 17, 579-592.	0.7	24

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73	Human mesenchymal stromal cells decrease mortality after intestinal ischemia and reperfusion injury. Journal of Surgical Research, 2015, 199, 56-66.	1.6	32
74	Human platelet lysate improves human cord blood derived ECFC survival and vasculogenesis in three dimensional (3D) collagen matrices. Microvascular Research, 2015, 101, 72-81.	2.5	28
75	The isolation and culture of endothelial colony-forming cells from human and rat lungs. Nature Protocols, 2015, 10, 1697-1708.	12.0	94
76	Embryonic stem cell-derived B cells engraft in immunodeficient mice, recapitulating YS B lymphopoiesis. Experimental Hematology, 2015, 43, S103.	0.4	0
77	Direct peritoneal resuscitation improves survival and decreases inflammation after intestinal ischemia and reperfusion injury. Journal of Surgical Research, 2015, 199, 428-434.	1.6	18
78	Bmi1 Promotes Erythroid Development Through Regulating Ribosome Biogenesis. Stem Cells, 2015, 33, 925-938.	3.2	27
79	Lung Vascular Regeneration and Repair. Pancreatic Islet Biology, 2015, , 243-263.	0.3	0
80	Renal Endothelial Dysfunction in Acute Kidney Ischemia Reperfusion Injury. Cardiovascular & Hematological Disorders Drug Targets, 2014, 14, 3-14.	0.7	112
81	Lymphoid Progenitor Emergence in the Murine Embryo and Yolk Sac Precedes Stem Cell Detection. Stem Cells and Development, 2014, 23, 1168-1177.	2.1	56
82	PRL2/PTP4A2 Phosphatase Is Important for Hematopoietic Stem Cell Self-Renewal. Stem Cells, 2014, 32, 1956-1967.	3.2	41
83	Cord blood banking and transplantation. Current Opinion in Pediatrics, 2014, 26, 163-168.	2.0	19
84	Critical Role of the mTOR Pathway in Development and Function of Myeloid-Derived Suppressor Cells in lalâ~/â~ Mice. American Journal of Pathology, 2014, 184, 397-408.	3.8	31
85	Matrix rigidity regulates spatiotemporal dynamics of Cdc42 activity and vacuole formation kinetics of endothelial colony forming cells. Biochemical and Biophysical Research Communications, 2014, 443, 1280-1285.	2.1	6
86	Angiopoietin-like protein 2 regulates endothelial colony forming cell vasculogenesis. Angiogenesis, 2014, 17, 675-683.	7.2	22
87	Methylglyoxal concentrations differ in standard and washed neonatal packed red blood cells. Pediatric Research, 2014, 75, 409-414.	2.3	6
88	Defective TGF-Î² Signaling in Bone Marrowâ€Derived Cells Prevents Hedgehog-Induced Skin Tumors. Cancer Research, 2014, 74, 471-483.	0.9	49
89	Existence, Functional Impairment, and Lung Repair Potential of Endothelial Colony-Forming Cells in Oxygen-Induced Arrested Alveolar Growth. Circulation, 2014, 129, 2144-2157.	1.6	139
90	Notch-Dependent Repression of miR-155 in the Bone Marrow Niche Regulates Hematopoiesis in an NF-ÎºB-Dependent Manner. Cell Stem Cell, 2014, 15, 51-65.	11.1	161

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91	Differentiation of human pluripotent stem cells to cells similar to cord-blood endothelial colony-forming cells. <i>Nature Biotechnology</i> , 2014, 32, 1151-1157.	17.5	203
92	Inducing definitive hematopoiesis in a dish. <i>Nature Biotechnology</i> , 2014, 32, 539-541.	17.5	40
93	Effect of Developmental Stage of HSC and Recipient on Transplant Outcomes. <i>Developmental Cell</i> , 2014, 29, 621-628.	7.0	53
94	Endothelial Progenitor Cells: Current Status. , 2014, , 3-16.		0
95	HSC-Independent Yolk Sac Progenitors Bear Hallmarks of JMML in a PTPN11D61Y Mouse Model. <i>Blood</i> , 2014, 124, 3236-3236.	1.4	0
96	Endothelial progenitor cell: a blood cell by many other names may serve similar functions. <i>Journal of Molecular Medicine</i> , 2013, 91, 285-295.	3.9	99
97	Optimizing the transduction efficiency of capsid-modified AAV6 serotype vectors in primary human hematopoietic stem cells in vitro and in a xenograft mouse model in vivo. <i>Cytotherapy</i> , 2013, 15, 986-998.	0.7	70
98	Circulating and tissue resident endothelial progenitor cells. <i>Journal of Cellular Physiology</i> , 2013, 229, n/a-n/a.	4.1	173
99	Fkbp1a controls ventricular myocardium trabeculation and compaction by regulating endocardial Notch1 activity. <i>Development (Cambridge)</i> , 2013, 140, 1946-1957.	2.5	80
100	Epigenetic Regulation of Nanog by MiR-302 Cluster-MBD2 Completes Induced Pluripotent Stem Cell Reprogramming. <i>Stem Cells</i> , 2013, 31, 666-681.	3.2	85
101	Early dynamic fate changes in haemogenic endothelium characterized at the single-cell level. <i>Nature Communications</i> , 2013, 4, 2924.	12.8	158
102	Editorial: Early and late endothelial progenitor cells are miR-tually exclusive. <i>Journal of Leukocyte Biology</i> , 2013, 93, 639-641.	3.3	9
103	Getting the "Inside" Scoop on EphrinB2 Signaling in Pericytes and the Effect on Peritubular Capillary Stability. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 521-523.	6.1	4
104	Collagen-Polymer Guidance of Vessel Network Formation and Stabilization by Endothelial Colony Forming Cells In Vitro. <i>Macromolecular Bioscience</i> , 2013, 13, 1135-1149.	4.1	33
105	Mouse and human islets survive and function after coating by biosilicification. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1230-E1240.	3.5	11
106	Learning to roll before you stop and drop. <i>Blood</i> , 2013, 121, 4252-4254.	1.4	0
107	JMML patient-derived iPSCs induce new hypotheses. <i>Blood</i> , 2013, 121, 4815-4817.	1.4	7
108	The Murine Th2 Locus Undergoes Epigenetic Modification in the Thymus during Fetal and Postnatal Ontogeny. <i>PLoS ONE</i> , 2013, 8, e51587.	2.5	20

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109	High-Efficiency Transduction of Primary Human Hematopoietic Stem Cells and Erythroid Lineage-Restricted Expression by Optimized AAV6 Serotype Vectors In Vitro and in a Murine Xenograft Model In Vivo. PLoS ONE, 2013, 8, e58757.	2.5	43
110	BMI1 Promotes Erythropoiesis Through Regulating Ribosome Biogenesis. Blood, 2013, 122, 3707-3707.	1.4	0
111	PRL2 Maintains Hematopoietic Stem and Progenitor Cells Through Regulating SCF/KIT Signaling. Blood, 2013, 122, 3674-3674.	1.4	0
112	Changes in the frequency and in vivo vessel-forming ability of rhesus monkey circulating endothelial colony-forming cells across the lifespan (birth to aged). Pediatric Research, 2012, 71, 156-161.	2.3	27
113	Aortic Tissue as a Niche for Hematopoiesis. Circulation, 2012, 125, 565-567.	1.6	5
114	Human Endothelial Progenitor Cells. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a006692-a006692.	6.2	339
115	Effects of Collagen Microstructure on the Transport Properties of Vascularized Engineered Tissues. , 2012, , .		0
116	Phenotypic and Functional Characterization of Endothelial Colony Forming Cells Derived from Human Umbilical Cord Blood. Journal of Visualized Experiments, 2012, , .	0.3	47
117	Autonomous murine T-cell progenitor production in the extra-embryonic yolk sac before HSC emergence. Blood, 2012, 119, 5706-5714.	1.4	145
118	Defining Endothelial Progenitor Cells. , 2012, , 9-19.		1
119	Distinct contribution of human cord blood-derived endothelial colony forming cells to liver and gut in a fetal sheep model. Hepatology, 2012, 56, 1086-1096.	7.3	26
120	Low Proliferative Potential and Impaired Angiogenesis of Cultured Rat Kidney Endothelial Cells. Microcirculation, 2012, 19, 598-609.	1.8	18
121	Flow Cytometric Identification and Functional Characterization of Immature and Mature Circulating Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1045-1053.	2.4	153
122	Updated Information on Stem Cells for the Neonatologist. , 2012, , 1-13.		0
123	Human umbilical cord blood plasma can replace fetal bovine serum for in vitro expansion of functional human endothelial colony-forming cells. Cytotherapy, 2011, 13, 712-721.	0.7	33
124	Endothelial progenitor cells: Quo Vadis?. Journal of Molecular and Cellular Cardiology, 2011, 50, 266-272.	1.9	201
125	SIRT1 deficiency compromises mouse embryonic stem cell hematopoietic differentiation, and embryonic and adult hematopoiesis in the mouse. Blood, 2011, 117, 440-450.	1.4	95
126	Hematopoietic stem/progenitor cells, generation of induced pluripotent stem cells, and isolation of endothelial progenitors from 21- to 23.5-year cryopreserved cord blood. Blood, 2011, 117, 4773-4777.	1.4	155



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127	Bad blood, bad endothelium: ill fate?. Blood, 2011, 117, 3479-3480.	1.4	8
128	Hip hop moves of inosculating endothelium. Blood, 2011, 118, 4507-4508.	1.4	0
129	Resident Endothelial Progenitor Cells from Human Placenta have Greater Vasculogenic Potential than Circulating Endothelial Progenitor Cells from Umbilical Cord Blood. Cell Medicine, 2011, 2, 85-96.	5.0	30
130	Adult murine bone marrow-derived very small embryonic-like stem cells differentiate into the hematopoietic lineage after coculture over OP9 stromal cells. Experimental Hematology, 2011, 39, 225-237.	0.4	113
131	Human endothelial colony forming cells undergo vasculogenesis within biphasic calcium phosphate bone tissue engineering constructs. Acta Biomaterialia, 2011, 7, 4222-4228.	8.3	27
132	Blood Vessel Wallâ€œDerived Endothelial Colony-Forming Cells Enhance Fracture Repair and Bone Regeneration. Calcified Tissue International, 2011, 89, 347-357.	3.1	25
133	Collagen oligomers modulate physical and biological properties of threeâ€œdimensional selfâ€œassembled matrices. Biopolymers, 2011, 95, 77-93.	2.4	72
134	Progenitor Cells in the Pulmonary Circulation. Proceedings of the American Thoracic Society, 2011, 8, 466-470.	3.5	16
135	Embryonic day 9 yolk sac and intra-embryonic hemogenic endothelium independently generate a B-1 and marginal zone progenitor lacking B-2 potential. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1468-1473.	7.1	243
136	Cleaved High-Molecular-Weight Kininogen Accelerates the Onset of Endothelial Progenitor Cell Senescence by Induction of Reactive Oxygen Species. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 883-889.	2.4	24
137	Biophysical Properties of Scaffolds Modulate Human Blood Vessel Formation from Circulating Endothelial Colony-Forming Cells. Biological and Medical Physics Series, 2011, , 89-109.	0.4	1
138	Whole Embryo Imaging of Hematopoietic Cell Emergence and Migration. Methods in Molecular Biology, 2011, 750, 143-155.	0.9	6
139	Adenovirus-mediated HIF-1 $\beta$ gene transfer promotes repair of mouse airway allograft microvasculature and attenuates chronic rejection. Journal of Clinical Investigation, 2011, 121, 2336-2349.	8.2	95
140	Mir-302 Cluster Governs Complete Nuclear Reprogramming Through Suppression of MBD2 in iPSCs Derived From CD34+ Cord Blood Cells Stored Frozen for More Than 20 Years. Blood, 2011, 118, 1265-1265.	1.4	0
141	Neonatal Recipients Offer Permissive Hematopoietic Microenvironment for Engraftment of Embryonic Murine Hematopoietic Stem Cells. Blood, 2011, 118, 2344-2344.	1.4	0
142	Alterations in the aqueous humor proteome in patients with a glaucoma shunt device. Molecular Vision, 2011, 17, 1891-900.	1.1	58
143	Inducible pluripotent stem cells: not quite ready for prime time?. Current Opinion in Organ Transplantation, 2010, 15, 61-67.	1.6	33
144	Endothelial colony-forming cell role in neoangiogenesis and tissue repair. Current Opinion in Organ Transplantation, 2010, 15, 68-72.	1.6	129

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145	Antibody targeting KIT as pretransplantation conditioning in immunocompetent mice. Blood, 2010, 116, 5419-5422.	1.4	61
146	Clonal analysis and hierarchy of human bone marrow mesenchymal stem and progenitor cells. Experimental Hematology, 2010, 38, 46-54.	0.4	52
147	Cleaved high molecular weight kininogen inhibits tube formation of endothelial progenitor cells via suppression of matrix metalloproteinase 2. Journal of Thrombosis and Haemostasis, 2010, 8, 185-193.	3.8	25
148	A Hierarchy of Endothelial Colony-Forming Cell Activity Displayed by Bovine Corneal Endothelial Cells. , 2010, 51, 3943.		15
149	Ontogeny of CD24 in the human kidney. Kidney International, 2010, 77, 1123-1131.	5.2	36
150	Venous and arterial endothelial proteomics: mining for markers and mechanisms of endothelial diversity. Expert Review of Proteomics, 2010, 7, 823-831.	3.0	25
151	Bone marrow-derived angiogenic cells restore lung alveolar and vascular structure after neonatal hyperoxia in infant mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L315-L323.	2.9	91
152	Strategic Plan for Lung Vascular Research. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1554-1562.	5.6	73
153	Collagen matrix physical properties modulate endothelial colony forming cell-derived vessels in vivo. Microvascular Research, 2010, 80, 23-30.	2.5	112
154	A Bipotent Mesoderm Subset Identified via Colony-Forming Assay. Cell Stem Cell, 2010, 7, 643-644.	11.1	1
155	Critical Roles of Lysosomal Acid Lipase in Myelopoiesis. American Journal of Pathology, 2010, 176, 2394-2404.	3.8	38
156	Is Endothelium the Origin of Endothelial Progenitor Cells?. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1094-1103.	2.4	158
157	Novel methods for determining hematopoietic stem and progenitor cell emergence in the murine yolk sac. International Journal of Developmental Biology, 2010, 54, 1003-1009.	0.6	7
158	Human Embryonic Stem Cell-Specific Micrnas Promote Full Programming of Induced Pluripotent Stem Cells Derived From CD34+ Cord Blood Cells Stored Frozen for More Than 20 Years.. Blood, 2010, 116, 2622-2622.	1.4	0
159	Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) Alter the Hematopoietic Niche and Treatment In Healthy Volunteers Results In Mobilization of CD34+ Cells, Hematopoietic Colony Forming Cells, and Endothelial Colony Forming Cells. Blood, 2010, 116, 556-556.	1.4	0
160	Alterations in the aqueous humor proteome in patients with Fuchs endothelial corneal dystrophy. Molecular Vision, 2010, 16, 2376-83.	1.1	26
161	Endothelial progenitor cells: identity defined?. Journal of Cellular and Molecular Medicine, 2009, 13, 87-102.	3.6	439
162	Premature senescence of highly proliferative endothelial progenitor cells is induced by tumor necrosis factor- $\alpha$ via the p38 mitogen-activated protein kinase pathway. FASEB Journal, 2009, 23, 1358-1365.	0.5	106

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163	Characterization and Culture of Fetal Rhesus Monkey Renal Cortical Cells. <i>Pediatric Research</i> , 2009, 66, 448-454.	2.3	13
164	Suppressed hindlimb perfusion in <i>Rac2</i> <sup>-/-</sup> and <i>Nox2</i> <sup>-/-</sup> mice does not result from impaired collateral growth. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H877-H886.	3.2	26
165	Letter by Asosingh et al Regarding Article, "Circulating Endothelial Progenitor Cells in Patients With Eisenmenger Syndrome and Idiopathic Pulmonary Arterial Hypertension"; <i>Circulation</i> , 2009, 119, e230; author reply e231.	1.6	7
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