

Takayuki Asahara

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

17,880
citations

21
h-index

40
g-index

40
ext. papers

19,033
ext. citations

10.9
avg, IF

5.58
L-index

#	Paper	IF	Citations
36	Extracellular Vesicles Derived From Regeneration Associated Cells Preserve Heart Function After Ischemia-Induced Injury. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 754254	5.4	0
35	Latest Advances in Endothelial Progenitor Cell-Derived Extracellular Vesicles Translation to the Clinic. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 734562	5.4	4
34	Hematopoietic stem-cell senescence and myocardial repair - Coronary artery disease genotype/phenotype analysis of post-MI myocardial regeneration response induced by CABG/CD133+ bone marrow hematopoietic stem cell treatment in RCT PERFECT Phase 3. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 734562	8.8	6
33	Dipeptidyl dipeptidase-4 inhibitor recovered ischemia through an increase in vasculogenic endothelial progenitor cells and regeneration-associated cells in diet-induced obese mice. <i>PLoS ONE</i> , 2019 , 14, e0205477	3.7	2
32	The Hedgehog Signaling Pathway in Ischemic Tissues. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
31	Regeneration-associated cells improve recovery from myocardial infarction through enhanced vasculogenesis, anti-inflammation, and cardiomyogenesis. <i>PLoS ONE</i> , 2018 , 13, e0203244	3.7	8
30	Sonic Hedgehog Signaling Pathway in Endothelial Progenitor Cell Biology for Vascular Medicine. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	10
29	Jagged-1 Signaling in the Bone Marrow Microenvironment Promotes Endothelial Progenitor Cell Expansion and Commitment of CD133+ Human Cord Blood Cells for Postnatal Vasculogenesis. <i>PLoS ONE</i> , 2016 , 11, e0166660	3.7	11
28	Sonic Hedgehog signaling regulates vascular differentiation and function in human CD34 positive cells: vasculogenic CD34(+) cells with Sonic Hedgehog. <i>Stem Cell Research</i> , 2015 , 14, 165-76	1.6	17
27	Dextran induces differentiation of circulating endothelial progenitor cells. <i>Physiological Reports</i> , 2014 , 2, e00261	2.6	7
26	Vasculogenic conditioning of peripheral blood mononuclear cells promotes endothelial progenitor cell expansion and phenotype transition of anti-inflammatory macrophage and T lymphocyte to cells with regenerative potential. <i>Journal of the American Heart Association</i> , 2014 , 3, e000743	6	43
25	Cross talk with hematopoietic cells regulates the endothelial progenitor cell differentiation of CD34 positive cells. <i>PLoS ONE</i> , 2014 , 9, e106310	3.7	21
24	Clonogenic assay of endothelial progenitor cells. <i>Trends in Cardiovascular Medicine</i> , 2013 , 23, 99-103	6.9	16
23	Contribution of bone marrow-derived endothelial progenitor cells to neovascularization and astrogliosis following spinal cord injury. <i>Journal of Neuroscience Research</i> , 2012 , 90, 2281-92	4.4	18
22	Development of serum-free quality and quantity control culture of colony-forming endothelial progenitor cell for vasculogenesis. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 160-71	6.9	54
21	Concise review: Circulating endothelial progenitor cells for vascular medicine. <i>Stem Cells</i> , 2011 , 29, 1650-58	5.8	324
20	Methodological development of a clonogenic assay to determine endothelial progenitor cell potential. <i>Circulation Research</i> , 2011 , 109, 20-37	15.7	115

19	Lnk-dependent axis of SCF-cKit signal for osteogenesis in bone fracture healing. <i>Journal of Experimental Medicine</i> , 2010 , 207, 2207-23	16.6	21
18	Lnk deletion reinforces the function of bone marrow progenitors in promoting neovascularization and astrogliosis following spinal cord injury. <i>Stem Cells</i> , 2010 , 28, 365-75	5.8	35
17	The role of notch signaling in endothelial progenitor cell biology. <i>Trends in Cardiovascular Medicine</i> , 2009 , 19, 170-3	6.9	24
16	Intramuscular transplantation of G-CSF-mobilized CD34(+) cells in patients with critical limb ischemia: a phase I/IIa, multicenter, single-blinded, dose-escalation clinical trial. <i>Stem Cells</i> , 2009 , 27, 2857-64	5.8	187
15	Changing modified regions in the genome in hematopoietic stem cell differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 381, 135-8	3.4	3
14	Stromal cell-derived factor-1 effects on ex vivo expanded endothelial progenitor cell recruitment for ischemic neovascularization. <i>Circulation</i> , 2003 , 107, 1322-8	16.7	998
13	Endothelial progenitor cells for vascular regeneration. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2002 , 11, 171-8		97
12	Bone marrow as a source of endothelial cells for natural and iatrogenic vascular repair. <i>Annals of the New York Academy of Sciences</i> , 2001 , 953, 75-84	6.5	64
11	The morphogen Sonic hedgehog is an indirect angiogenic agent upregulating two families of angiogenic growth factors. <i>Nature Medicine</i> , 2001 , 7, 706-11	50.5	519
10	Overexpression of p27(Kip1) by doxycycline-regulated adenoviral vectors inhibits endothelial cell proliferation and migration and impairs angiogenesis. <i>FASEB Journal</i> , 2001 , 15, 1877-85	0.9	81
9	Therapeutic potential of ex vivo expanded endothelial progenitor cells for myocardial ischemia. <i>Circulation</i> , 2001 , 103, 634-7	16.7	1059
8	Age-dependent impairment of angiogenesis. <i>Circulation</i> , 1999 , 99, 111-20	16.7	628
7	Role of endothelial nitric oxide synthase in endothelial cell migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 1156-61	9.4	250
6	Ischemia- and cytokine-induced mobilization of bone marrow-derived endothelial progenitor cells for neovascularization. <i>Nature Medicine</i> , 1999 , 5, 434-8	50.5	2033
5	Bone marrow origin of endothelial progenitor cells responsible for postnatal vasculogenesis in physiological and pathological neovascularization. <i>Circulation Research</i> , 1999 , 85, 221-8	15.7	2784
4	Tie2 receptor ligands, angiopoietin-1 and angiopoietin-2, modulate VEGF-induced postnatal neovascularization. <i>Circulation Research</i> , 1998 , 83, 233-40	15.7	590
3	Isolation of putative progenitor endothelial cells for angiogenesis. <i>Science</i> , 1997 , 275, 964-7	33.3	7250
2	Estradiol accelerates functional endothelial recovery after arterial injury. <i>Circulation</i> , 1997 , 95, 1768-72	16.7	153

- 1 Synergistic effect of vascular endothelial growth factor and basic fibroblast growth factor on angiogenesis in vivo. *Circulation*, **1995**, 92, 11365-71

16.7 432