

Reinhold J Medina

List of Publications by Citations

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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.

51
papers

2,933
citations

26
h-index

54
g-index

58
ext. papers

3,515
ext. citations

7.6
avg, IF

4.86
L-index

#	Paper	IF	Citations
51	The progress in understanding and treatment of diabetic retinopathy. <i>Progress in Retinal and Eye Research</i> , 2016 , 51, 156-86	20.5	449
50	Selective extracellular vesicle-mediated export of an overlapping set of microRNAs from multiple cell types. <i>BMC Genomics</i> , 2012 , 13, 357	4.5	345
49	Endothelial Progenitors: A Consensus Statement on Nomenclature. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 1316-1320	6.9	243
48	Molecular analysis of endothelial progenitor cell (EPC) subtypes reveals two distinct cell populations with different identities. <i>BMC Medical Genomics</i> , 2010 , 3, 18	3.7	221
47	Differentiation of human pluripotent stem cells to cells similar to cord-blood endothelial colony-forming cells. <i>Nature Biotechnology</i> , 2014 , 32, 1151-1157	44.5	164
46	Myeloid angiogenic cells act as alternative M2 macrophages and modulate angiogenesis through interleukin-8. <i>Molecular Medicine</i> , 2011 , 17, 1045-55	6.2	137
45	Outgrowth endothelial cells: characterization and their potential for reversing ischemic retinopathy 2010 , 51, 5906-13		128
44	Advances in our understanding of diabetic retinopathy. <i>Clinical Science</i> , 2013 , 125, 1-17	6.5	121
43	Participation of adult mouse bone marrow cells in reconstitution of skin. <i>American Journal of Pathology</i> , 2003 , 163, 1227-31	5.8	110
42	Activation of the ACE2/angiotensin-(1-7)/Mas receptor axis enhances the reparative function of dysfunctional diabetic endothelial progenitors. <i>Diabetes</i> , 2013 , 62, 1258-69	0.9	83
41	Vasculogenic and osteogenesis-enhancing potential of human umbilical cord blood endothelial colony-forming cells. <i>Stem Cells</i> , 2012 , 30, 1911-24	5.8	63
40	The role of immune-related myeloid cells in angiogenesis. <i>Immunobiology</i> , 2013 , 218, 1370-5	3.4	61
39	Vascular stem cells and ischaemic retinopathies. <i>Progress in Retinal and Eye Research</i> , 2011 , 30, 149-66	20.5	58
38	Endothelial progenitor cells in diabetic retinopathy. <i>Frontiers in Endocrinology</i> , 2014 , 5, 44	5.7	56
37	Deep sequencing reveals predominant expression of miR-21 amongst the small non-coding RNAs in retinal microvascular endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 2098-111	4.7	56
36	Intravitreal AAV2.COMP-Ang1 Prevents Neurovascular Degeneration in a Murine Model of Diabetic Retinopathy. <i>Diabetes</i> , 2015 , 64, 4247-59	0.9	44
35	Ex vivo expansion of human outgrowth endothelial cells leads to IL-8-mediated replicative senescence and impaired vasoreparative function. <i>Stem Cells</i> , 2013 , 31, 1657-68	5.8	43

34	The pleiotropic effects of simvastatin on retinal microvascular endothelium has important implications for ischaemic retinopathies. <i>PLoS ONE</i> , 2008 , 3, e2584	3-7	43
33	Therapies for Type 1 Diabetes: Current Scenario and Future Perspectives. <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2019 , 12, 1179551419844521	4-3	39
32	Epigenetic Changes in Endothelial Progenitors as a Possible Cellular Basis for Glycemic Memory in Diabetic Vascular Complications. <i>Journal of Diabetes Research</i> , 2015 , 2015, 436879	3-9	39
31	Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in Müller glia dysfunction and death in diabetic retinopathy. <i>Molecular Vision</i> , 2010 , 16, 2524-38	2-3	39
30	Transcriptional regulation of a brown adipocyte-specific gene, UCP1, by KLF11 and KLF15. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 400, 175-80	3-4	34
29	Isolation of a bone marrow-derived stem cell line with high proliferation potential and its application for preventing acute fatal liver failure. <i>Stem Cells</i> , 2007 , 25, 2855-63	5-8	34
28	Isolation of epithelial stem cells from dermis by a three-dimensional culture system. <i>Journal of Cellular Biochemistry</i> , 2006 , 98, 174-84	4-7	30
27	MicroRNA-containing extracellular vesicles released from endothelial colony-forming cells modulate angiogenesis during ischaemic retinopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 3405-3419	5-6	28
26	The Vasoreparative Potential of Endothelial Colony Forming Cells: A Journey Through Pre-clinical Studies. <i>Frontiers in Medicine</i> , 2018 , 5, 273	4-9	26
25	Therapeutic revascularisation of ischaemic tissue: the opportunities and challenges for therapy using vascular stem/progenitor cells. <i>Stem Cell Research and Therapy</i> , 2012 , 3, 31	8-3	23
24	Preclinical Evaluation and Optimization of a Cell Therapy Using Human Cord Blood-Derived Endothelial Colony-Forming Cells for Ischemic Retinopathies. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 59-67	6-9	23
23	Endothelial progenitors as tools to study vascular disease. <i>Stem Cells International</i> , 2012 , 2012, 346735	5	22
22	Differential modulation of angiogenesis by erythropoiesis-stimulating agents in a mouse model of ischaemic retinopathy. <i>PLoS ONE</i> , 2010 , 5, e11870	3-7	18
21	Endothelial cell-derived pentraxin 3 limits the vasoreparative therapeutic potential of circulating angiogenic cells. <i>Cardiovascular Research</i> , 2016 , 112, 677-688	9-9	18
20	Selection of a Real-Time PCR Housekeeping Gene Panel in Human Endothelial Colony Forming Cells for Cellular Senescence Studies. <i>Frontiers in Medicine</i> , 2019 , 6, 33	4-9	13
19	The vasoreparative potential of endothelial colony-forming cells in the ischemic retina is enhanced by cibinetide, a non-hematopoietic erythropoietin mimetic. <i>Experimental Eye Research</i> , 2019 , 182, 144-153	3-7	13
18	Tibetan , an allele with loss-of-function properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12230-12238	11-5	13
17	The Vasoreparative Function of Myeloid Angiogenic Cells Is Impaired in Diabetes Through the Induction of IL1. <i>Stem Cells</i> , 2018 , 36, 834-843	5-8	13

16	Vascular Regeneration for Ischemic Retinopathies: Hope from Cell Therapies. <i>Current Eye Research</i> , 2020 , 45, 372-384	2.9	11
15	NOX4 is a major regulator of cord blood-derived endothelial colony-forming cells which promotes post-ischaemic revascularization. <i>Cardiovascular Research</i> , 2020 , 116, 393-405	9.9	10
14	No evidence of Gremlin1-mediated activation of VEGFR2 signaling in endothelial cells. <i>Journal of Biological Chemistry</i> , 2019 , 294, 18041-18045	5.4	9
13	Enhanced Function of Induced Pluripotent Stem Cell-Derived Endothelial Cells Through ESM1 Signaling. <i>Stem Cells</i> , 2019 , 37, 226-239	5.8	9
12	A novel three-dimensional culture system for isolation and clonal propagation of neural stem cells using a thermo-reversible gelation polymer. <i>Tissue Engineering - Part C: Methods</i> , 2009 , 15, 615-23	2.9	7
11	Efficient differentiation into skin cells of bone marrow cells recovered in a pellet after density gradient fractionation. <i>International Journal of Molecular Medicine</i> , 2006 , 17, 721-7	4.4	7
10	Characterization of a murine mixed neuron-glia model and cellular responses to regulatory T cell-derived factors. <i>Molecular Brain</i> , 2018 , 11, 25	4.5	6
9	Hypoxia-induced responses by endothelial colony-forming cells are modulated by placental growth factor. <i>Stem Cell Research and Therapy</i> , 2016 , 7, 173	8.3	6
8	Characterisation and therapeutic potential of endothelial progenitor cells. <i>Lancet, The</i> , 2013 , 381, S73	4.0	2
7	The Long Pentraxin PTX3 as a New Biomarker and Pharmacological Target in Age-Related Macular Degeneration and Diabetic Retinopathy.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 811344	5.6	2
6	Current concepts on endothelial stem cells definition, location, and markers. <i>Stem Cells Translational Medicine</i> , 2021 , 10 Suppl 2, S54-S61	6.9	2
5	miR-130a activates the VEGFR2/STAT3/HIF1 α axis to potentiate the vasoregenerative capacity of endothelial colony-forming cells in hypoxia. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 23, 968-981	10.7	1
4	A Review of Patents Relating to Therapeutic Angiogenesis Using Endothelial Progenitors and Other Vasculogenesis-Related Cell Types. <i>Recent Patents on Regenerative Medicine</i> , 2012 , 3, 63-73		
3	Differentiation of bone marrow cells in culture and in vivo. <i>International Congress Series</i> , 2003 , 1252, 461-464		
2	Endothelial progenitor cell responses to hypoxia: Time-course dependent changes in Akt signalling and gene expression. <i>FASEB Journal</i> , 2011 , 25, lb573	0.9	
1	Harnessing Endothelial Progenitor Cells for Therapeutic Angiogenesis 2013 , 445-458		