

Alain Rivard

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.

28
papers

2,048
citations

18
h-index

28
g-index

28
ext. papers

2,194
ext. citations

5.9
avg, IF

3.96
L-index

#	Paper	IF	Citations
28	Tyrosine-Protein Phosphatase Non-receptor Type 9 (PTPN9) Negatively Regulates the Paracrine Vasoprotective Activity of Bone-Marrow Derived Pro-angiogenic Cells: Impact on Vascular Degeneration in Oxygen-Induced Retinopathy. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 679906	5.7	6
27	Reduced expression of microRNA-130a promotes endothelial cell senescence and age-dependent impairment of neovascularization. <i>Aging</i> , 2020 , 12, 10180-10193	5.6	6
26	MicroRNA Expression Profiling of Bone Marrow-Derived Proangiogenic Cells (PACs) in a Mouse Model of Hindlimb Ischemia: Modulation by Classical Cardiovascular Risk Factors. <i>Frontiers in Genetics</i> , 2020 , 11, 947	4.5	1
25	Analysis of the COMPARE-AMI trial: First report of long-term safety of CD133+ cells. <i>International Journal of Cardiology</i> , 2020 , 319, 32-35	3.2	2
24	Forced expression of microRNA-146b reduces TRAF6-dependent inflammation and improves ischemia-induced neovascularization in hypercholesterolemic conditions. <i>Atherosclerosis</i> , 2019 , 289, 73-84 ¹	3.1	14
23	Endothelial Colony-Forming Cells in Young Adults Born Preterm: A Novel Link Between Neonatal Complications and Adult Risks for Cardiovascular Disease. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	15
22	MicroRNA-150 Modulates Ischemia-Induced Neovascularization in Atherosclerotic Conditions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 900-908	9.4	39
21	Reduced expression of let-7f activates TGF- β /ALK5 pathway and leads to impaired ischaemia-induced neovascularization after cigarette smoke exposure. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 2211-2222	5.6	20
20	Neonatal exposure to high oxygen levels leads to impaired ischemia-induced neovascularization in adulthood. <i>Scientific Reports</i> , 2017 , 7, 14143	4.9	4
19	Psychological stress impairs ischemia-induced neovascularization: Protective effect of fluoxetine. <i>Atherosclerosis</i> , 2015 , 241, 569-78	3.1	10
18	Direct renin inhibition with aliskiren improves ischemia-induced neovascularization: blood pressure-independent effect. <i>Atherosclerosis</i> , 2015 , 242, 450-60	3.1	13
17	Elsibucol inhibits atherosclerosis following arterial injury: multifunctional effects on cholesterol levels, oxidative stress and inflammation. <i>Atherosclerosis</i> , 2014 , 237, 194-9	3.1	11
16	Fish oil-enriched diet protects against ischemia by improving angiogenesis, endothelial progenitor cell function and postnatal neovascularization. <i>Atherosclerosis</i> , 2013 , 229, 295-303	3.1	30
15	Nox2-derived reactive oxygen species contribute to hypercholesterolemia-induced inhibition of neovascularization: effects on endothelial progenitor cells and mature endothelial cells. <i>Atherosclerosis</i> , 2011 , 217, 340-9	3.1	46
14	Accelerated vascular aging in CuZnSOD-deficient mice: impact on EPC function and reparative neovascularization. <i>PLoS ONE</i> , 2011 , 6, e23308	3.7	21
13	Essential role of copper-zinc superoxide dismutase for ischemia-induced neovascularization via modulation of bone marrow-derived endothelial progenitor cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2173-81	9.4	36
12	Probucol and antioxidant vitamins rescue ischemia-induced neovascularization in mice exposed to cigarette smoke: potential role of endothelial progenitor cells. <i>Atherosclerosis</i> , 2010 , 208, 342-9	3.1	23

11	Nox2-containing NADPH oxidase deficiency confers protection from hindlimb ischemia in conditions of increased oxidative stress. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1522-8	9.4	55
10	Sildenafil increases endothelial progenitor cell function and improves ischemia-induced neovascularization in hypercholesterolemic apolipoprotein E-deficient mice. <i>Hypertension</i> , 2009 , 54, 1043-9	8.5	39
9	Moderate consumption of red wine (cabernet sauvignon) improves ischemia-induced neovascularization in ApoE-deficient mice: effect on endothelial progenitor cells and nitric oxide. <i>FASEB Journal</i> , 2007 , 21, 3845-52	0.9	71
8	Circulating endothelial progenitor cells from healthy smokers exhibit impaired functional activities. <i>Atherosclerosis</i> , 2006 , 187, 423-32	3.1	187
7	Cigarette smoke exposure impairs VEGF-induced endothelial cell migration: role of NO and reactive oxygen species. <i>Journal of Molecular and Cellular Cardiology</i> , 2006 , 41, 275-84	5.8	93
6	Age-dependent impairment of reendothelialization after arterial injury: role of vascular endothelial growth factor. <i>Circulation</i> , 2003 , 107, 230-3	16.7	68
5	Inhibition of hypoxia-induced angiogenesis by cigarette smoke exposure: impairment of the HIF-1alpha/VEGF pathway. <i>FASEB Journal</i> , 2003 , 17, 1150-2	0.9	107
4	Age-dependent impairment of angiogenesis. <i>Circulation</i> , 1999 , 99, 111-20	16.7	628
3	Tissue inhibition of angiotensin-converting enzyme activity stimulates angiogenesis in vivo. <i>Circulation</i> , 1999 , 99, 3043-9	16.7	155
2	Vascular endothelial growth factor/vascular permeability factor produces nitric oxide-dependent hypotension. Evidence for a maintenance role in quiescent adult endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 2793-800	9.4	228
1	Hypercholesterolemia attenuates angiogenesis but does not preclude augmentation by angiogenic cytokines. <i>Circulation</i> , 1997 , 96, 2667-74	16.7	126