William A Boisvert

List of Publications by Year
in descending order

74 papers	5,553 citations	126858 33 h-index	79644 73 g-index
75 all docs	75 docs citations	75 times ranked	7479 citing authors

#	Article	IF	Citations
1	A PPARÎ³-LXR-ABCA1 Pathway in Macrophages Is Involved in Cholesterol Efflux and Atherogenesis. Molecular Cell, 2001, 7, 161-171.	4.5	1,240
2	Transcriptional Repression of Atherogenic Inflammation: Modulation by PPARÂ. Science, 2003, 302, 453-457.	6.0	543
3	Overexpression of Interleukin-10 by Activated T Lymphocytes Inhibits Atherosclerosis in LDL Receptorâ€“Deficient Mice by Altering Lymphocyte and Macrophage Phenotypes. Circulation Research, 2002, 90, 1064-1071.	2.0	329
4	Role of tissue factor and protease-activated receptors in a mouse model of endotoxemia. Blood, 2004, 103, 1342-1347.	0.6	276
5	PC-1 Nucleoside Triphosphate Pyrophosphohydrolase Deficiency in Idiopathic Infantile Arterial Calcification. American Journal of Pathology, 2001, 158, 543-554.	1.9	275
6	Apolipoprotein E and atherosclerosis. Current Opinion in Lipidology, 2000, 11, 243-251.	1.2	202
7	Up-Regulated Expression of the CXCR2 Ligand KC/GRO-Î± in Atherosclerotic Lesions Plays a Central Role in Macrophage Accumulation and Lesion Progression. American Journal of Pathology, 2006, 168, 1385-1395.	1.9	177
8	Chemokines and atherosclerosis. Current Opinion in Lipidology, 1998, 9, 397-405.	1.2	132
9	Interleukin-8 and Its Receptor CXCR2 in Atherosclerosis. Immunologic Research, 2000, 21, 129-138.	1.3	131
10	Modulation of Atherogenesis by Chemokines. Trends in Cardiovascular Medicine, 2004, 14, 161-165.	2.3	123
11	Interleukinâ€10 overexpression in macrophages suppresses atherosclerosis in hyperlipidemic mice. FASEB Journal, 2010, 24, 2869-2880.	0.2	114
12	Interleukin-10 protects against atherosclerosis by modulating multiple atherogenic macrophage function. Thrombosis and Haemostasis, 2015, 113, 505-512.	1.8	114
13	Effect of Î³-Irradiation and Bone Marrow Transplantation on Atherosclerosis in LDL Receptor-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1674-1680.	1.1	103
14	Hyperlipidemia-induced cholesterol crystal production by endothelial cells promotes atherogenesis. Nature Communications, 2017, 8, 1129.	5.8	96
15	MicroRNA 302a Is a Novel Modulator of Cholesterol Homeostasis and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 323-331.	1.1	88
16	Coronary Artery Disease Associated Transcription Factor TCF21 Regulates Smooth Muscle Precursor Cells That Contribute to the Fibrous Cap. PLoS Genetics, 2015, 11, e1005155.	1.5	86
17	Time Series miRNA-mRNA integrated analysis reveals critical miRNAs and targets in macrophage polarization. Scientific Reports, 2016, 6, 37446.	1.6	79
18	IL-32 Promotes Angiogenesis. Journal of Immunology, 2014, 192, 589-602.	0.4	74

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19	Role of Extracellular RNA in Atherosclerotic Plaque Formation in Mice. Circulation, 2014, 129, 598-606.	1.6	73
20	Interleukin-10 Facilitates Both Cholesterol Uptake and Efflux in Macrophages. Journal of Biological Chemistry, 2009, 284, 32950-32958.	1.6	69
21	In Vivo Interrogation of the Molecular Display of Atherosclerotic Lesion Surfaces. American Journal of Pathology, 2003, 163, 1859-1871.	1.9	67
22	Deficiency of ROCK1 in bone marrowâ€derived cells protects against atherosclerosis in LDLR ^{â˜'/â˜'} mice. FASEB Journal, 2008, 22, 3561-3570.	0.2	67
23	Phospholipid transfer protein is present in human atherosclerotic lesions and is expressed by macrophages and foam cells. Journal of Lipid Research, 2003, 44, 1453-1461.	2.0	64
24	ApoA1 Reduces Free Cholesterol Accumulation in Atherosclerotic Lesions of ApoEâ€"Deficient Mice Transplanted With ApoEâ€"Expressing Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 525-530.	1.1	57
25	Inflammation in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1341-1346.	1.1	56
26	HIF in the heart: development, metabolism, ischemia, and atherosclerosis. Journal of Clinical Investigation, 2021, 131, .	3.9	53
27	Selenoprotein K is required for palmitoylation of CD36 in macrophages: implications in foam cell formation and atherogenesis. Journal of Leukocyte Biology, 2013, 93, 771-780.	1.5	50
28	Role of Macrophages in Cardioprotection. International Journal of Molecular Sciences, 2019, 20, 2474.	1.8	47
29	Atherosclerosis in Mice Is Not Affected by a Reduction in Tissue Factor Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 555-562.	1.1	41
30	From basic mechanisms to clinical applications in heart protection, new players in cardiovascular diseases and cardiac theranostics: meeting report from the third international symposium on â€œNew frontiers in cardiovascular researchâ€. Basic Research in Cardiology, 2016, 111, 69.	2.5	41
31	Hair growth-promoting effect of Geranium sibiricum extract in human dermal papilla cells and C57BL/6 mice. BMC Complementary and Alternative Medicine, 2017, 17, 109.	3.7	40
32	Regulation of monocyte/macrophage polarisation by extracellular RNA. Thrombosis and Haemostasis, 2015, 113, 473-481.	1.8	36
33	Cholesterol crystals and atherosclerosis. European Heart Journal, 2020, 41, 2236-2239.	1.0	36
34	CD98 regulates vascular smooth muscle cell proliferation in atherosclerosis. Atherosclerosis, 2017, 256, 105-114.	0.4	35
35	Riboflavin Requirement of Healthy Elderly Humans and Its Relationship to Macronutrient Composition of the Diet ,. Journal of Nutrition, 1993, 123, 915-925.	1.3	33
36	Macrophage-Specific Expression of IL-37 in Hyperlipidemic Mice Attenuates Atherosclerosis. Journal of Immunology, 2017, 199, 3604-3613.	0.4	32

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37	Chitinase Inhibition Promotes Atherosclerosis in Hyperlipidemic Mice. American Journal of Pathology, 2013, 183, 313-325.	1.9	30
38	Participation of Innate and Acquired Immunity in Atherosclerosis. Immunologic Research, 2000, 21, 167-176.	1.3	29
39	Role of Leukocyte-Specific LDL Receptors on Plasma Lipoprotein Cholesterol and Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 340-347.	1.1	23
40	Potential role of IL-37 in atherosclerosis. Cytokine, 2019, 122, 154169.	1.4	21
41	Unique morphological characteristics of mitochondrial subtypes in the heart: the effect of ischemia and ischemic preconditioning. Discoveries, 2017, 5, e71.	1.5	21
42	MiD49 and MiD51: New mediators of mitochondrial fission and novel targets for cardioprotection. Conditioning Medicine, 2018, 1, 239-246.	1.3	19
43	Characterization of G protein coupling mediated by the conserved D134^{3.49} of DRY motif, M241^{6.34}, and F251^{6.44} residues on human CXCR1. FEBS Open Bio, 2015, 5, 182-190.	1.0	18
44	Responses of Endothelial Cells Towards Ischemic Conditioning Following Acute Myocardial Infarction. Conditioning Medicine, 2018, 1, 247-258.	1.3	18
45	Leu1283.43 (L128) and Val2476.40 (V247) of CXCR1 Are Critical Amino Acid Residues for G Protein Coupling and Receptor Activation. PLoS ONE, 2012, 7, e42765.	1.1	17
46	ABCC6 deficiency promotes dyslipidemia and atherosclerosis. Scientific Reports, 2021, 11, 3881.	1.6	17
47	Chemistry of thienopyridines. XXXIII. Synthetic routes to 5â€•and 7â€•substituted thieno[3,2â€•b]pyridines from the Nâ€•oxide. Journal of Heterocyclic Chemistry, 1985, 22, 1249-1252.	1.4	16
48	Hyperlipidaemia and IFNgamma/TNFalpha Synergism are associated with cholesterol crystal formation in Endothelial cells partly through modulation of Lysosomal pH and Cholesterol homeostasis. EBioMedicine, 2020, 59, 102876.	2.7	14
49	Hair growth potential of Salvia plebeia extract and its associated mechanisms. Pharmaceutical Biology, 2020, 58, 400-409.	1.3	14
50	Cenicriviroc inhibits trans-endothelial passage of monocytes and is associated with impaired E-selectin expression. Journal of Leukocyte Biology, 2018, 104, 1241-1252.	1.5	13
51	Validation of commercially available ELISAs for the detection of circulating sclerostin in hemodialysis patients. Discoveries, 2016, 4, e55.	1.5	13
52	Remote ischemic conditioning in ST-segment elevation myocardial infarction - an update. Conditioning Medicine, 2018, 1, 13-22.	1.3	13
53	Chemistry of thienopyridines. XXXV. Synthesis, tautomerism, and reactions of quinoline and thienopyridine systems which bear a 1â€•carboethoxyâ€•1â€•cyanomethyl substituent in the pyridine ring, part 2. Journal of Heterocyclic Chemistry, 1987, 24, 1467-1472.	1.4	12
54	Response to Letter Regarding Article â€œRole of Extracellular RNA in Atherosclerotic Plaque Formation in Miceâ€• Circulation, 2014, 130, e144-5.	1.6	12

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55	Ultramorphological analysis of plaque advancement and cholesterol crystal formation in Ldlr knockout mouse atherosclerosis. Atherosclerosis, 2019, 287, 100-111.	0.4	12
56	Disruption of Tissue-Specific Fucosyltransferase VII, an Enzyme Necessary for Selectin Ligand Synthesis, Suppresses Atherosclerosis in Mice. American Journal of Pathology, 2009, 174, 343-350.	1.9	11
57	Expression of Chitotriosidase in Macrophages Modulates Atherosclerotic Plaque Formation in Hyperlipidemic Mice. Frontiers in Physiology, 2020, 11, 714.	1.3	10
58	The participation of inflammatory cells in atherosclerosis. Drugs of Today, 2001, 37, 173.	0.7	10
59	The participation of chemokines in atherosclerosis. Discovery Medicine, 2004, 4, 288-92.	0.5	10
60	Effect of Miscanthus sinensis var. purpurascens Flower Extract on Proliferation and Molecular Regulation in Human Dermal Papilla Cells and Stressed C57BL/6 Mice. Chinese Journal of Integrative Medicine, 2018, 24, 591-599.	0.7	9
61	Natural sea salt consumption confers protection against hypertension and kidney damage in Dahl salt-sensitive rats. Food and Nutrition Research, 2017, 61, 1264713.	1.2	8
62	C21 preserves endothelial function in the thoracic aorta from DIO mice: role for AT2, Mas and B2 receptors. Clinical Science, 2021, 135, 1145-1163.	1.8	8
63	AT2R stimulation with C21 prevents arterial stiffening and endothelial dysfunction in the abdominal aorta from mice fed a high-fat diet. Clinical Science, 2021, 135, 2763-2780.	1.8	8
64	Chronic remote ischemic conditioning for cardiovascular protection. Conditioning Medicine, 2019, 2, 164-169.	1.3	7
65	Cluster of Differentiation 43 Deficiency in Leukocytes Leads to Reduced Atherosclerosisâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 309-311.	1.1	6
66	IL-37â€"a putative therapeutic agent in cardiovascular diseases. QJM - Monthly Journal of the Association of Physicians, 2022, 115, 719-725.	0.2	5
67	Defective Fas Expression on Bone Marrow Derived Cells Alters Atherosclerotic Plaque Morphology in Hyperlipidemic Mice. Discoveries, 2015, 3, e37.	1.5	5
68	Surfing on the Cardiovascular Frontier Wave. Thrombosis and Haemostasis, 2015, 113, 439-440.	1.8	4
69	Formation and Cellular Impact of Cholesterol Crystals in Health and Disease. Advanced Biology, 2021, 5, e2100638.	1.4	4
70	Hiding in plain sight â€“ platelets, the silent carriers of HIV-1. Platelets, 2020, 32, 1-5.	1.1	3
71	INDUCED PLURIPOTENT STEM CELLS FOR MODELLING ENERGETIC ALTERATIONS IN HYPERTROPHIC CARDIOMYOPATHY. Conditioning Medicine, 2019, 2, 142-151.	1.3	3
72	Cholesterol crystals of atherosclerotic lesions induce endothelial dysfunction via RhoA activation. FASEB Journal, 2012, 26, 991.8.	0.2	1

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73	Linda â€œKirtâ€•Curtiss, PhD, 1943â€“2021. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1837-1838.	1.1	0
74	Nanoparticle delivery of cardioprotective therapies. Conditioning Medicine, 2020, 3, 18-30.	1.3	0