

William A Boisvert

List of Publications by Year in descending order

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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	IL-37 is a putative therapeutic agent in cardiovascular diseases. QJM - Monthly Journal of the Association of Physicians, 2022, 115, 719-725.	0.2	5
2	ABCC6 deficiency promotes dyslipidemia and atherosclerosis. Scientific Reports, 2021, 11, 3881.	1.6	17
3	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
4	Linda Kirtland-Curtiss, PhD, 1943-2021. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1837-1838.	1.1	0
5	Formation and Cellular Impact of Cholesterol Crystals in Health and Disease. Advanced Biology, 2021, 5, e2100638.	1.4	4
6	HIF in the heart: development, metabolism, ischemia, and atherosclerosis. Journal of Clinical Investigation, 2021, 131, .	3.9	53
7	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
8	Expression of Chitotriosidase in Macrophages Modulates Atherosclerotic Plaque Formation in Hyperlipidemic Mice. Frontiers in Physiology, 2020, 11, 714.	1.3	10
9	Hiding in plain sight platelets, the silent carriers of HIV-1. Platelets, 2020, 32, 1-5.	1.1	3
10	Hyperlipidaemia and IFN γ /TNF α 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
11	Hair growth potential of <i>Salvia plebeia</i> extract and its associated mechanisms. Pharmaceutical Biology, 2020, 58, 400-409.	1.3	14
12	Cholesterol crystals and atherosclerosis. European Heart Journal, 2020, 41, 2236-2239.	1.0	36
13	Nanoparticle delivery of cardioprotective therapies. Conditioning Medicine, 2020, 3, 18-30.	1.3	0
14	Ultramorphological analysis of plaque advancement and cholesterol crystal formation in Ldlr knockout mouse atherosclerosis. Atherosclerosis, 2019, 287, 100-111.	0.4	12
15	Role of Macrophages in Cardioprotection. International Journal of Molecular Sciences, 2019, 20, 2474.	1.8	47
16	Potential role of IL-37 in atherosclerosis. Cytokine, 2019, 122, 154169.	1.4	21
17	Chronic remote ischemic conditioning for cardiovascular protection. Conditioning Medicine, 2019, 2, 164-169.	1.3	7
18	INDUCED PLURIPOTENT STEM CELLS FOR MODELLING ENERGETIC ALTERATIONS IN HYPERTROPHIC CARDIOMYOPATHY. Conditioning Medicine, 2019, 2, 142-151.	1.3	3

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19	Effect of <i>Miscanthus sinensis</i> var. <i>purpurascens</i> Flower Extract on Proliferation and Molecular Regulation in Human Dermal Papilla Cells and Stressed C57BL/6 Mice. <i>Chinese Journal of Integrative Medicine</i> , 2018, 24, 591-599.	0.7	9
20	Genicrirovic inhibits trans-endothelial passage of monocytes and is associated with impaired E-selectin expression. <i>Journal of Leukocyte Biology</i> , 2018, 104, 1241-1252.	1.5	13
21	Remote ischemic conditioning in ST-segment elevation myocardial infarction - an update. <i>Conditioning Medicine</i> , 2018, 1, 13-22.	1.3	13
22	MiD49 and MiD51: New mediators of mitochondrial fission and novel targets for cardioprotection. <i>Conditioning Medicine</i> , 2018, 1, 239-246.	1.3	19
23	Responses of Endothelial Cells Towards Ischemic Conditioning Following Acute Myocardial Infarction. <i>Conditioning Medicine</i> , 2018, 1, 247-258.	1.3	18
24	Natural sea salt consumption confers protection against hypertension and kidney damage in Dahl salt-sensitive rats. <i>Food and Nutrition Research</i> , 2017, 61, 1264713.	1.2	8
25	Hair growth-promoting effect of <i>Geranium sibiricum</i> extract in human dermal papilla cells and C57BL/6 mice. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 109.	3.7	40
26	CD98 regulates vascular smooth muscle cell proliferation in atherosclerosis. <i>Atherosclerosis</i> , 2017, 256, 105-114.	0.4	35
27	Hyperlipidemia-induced cholesterol crystal production by endothelial cells promotes atherogenesis. <i>Nature Communications</i> , 2017, 8, 1129.	5.8	96
28	Macrophage-Specific Expression of IL-37 in Hyperlipidemic Mice Attenuates Atherosclerosis. <i>Journal of Immunology</i> , 2017, 199, 3604-3613.	0.4	32
29	Unique morphological characteristics of mitochondrial subtypes in the heart: the effect of ischemia and ischemic preconditioning. <i>Discoveries</i> , 2017, 5, e71.	1.5	21
30	Time Series miRNA-mRNA integrated analysis reveals critical miRNAs and targets in macrophage polarization. <i>Scientific Reports</i> , 2016, 6, 37446.	1.6	79
31	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 "New frontiers in cardiovascular research". <i>Basic Research in Cardiology</i> , 2016, 111, 69.	2.5	41
32	Validation of commercially available ELISAs for the detection of circulating sclerostin in hemodialysis patients. <i>Discoveries</i> , 2016, 4, e55.	1.5	13
33	Regulation of monocyte/macrophage polarisation by extracellular RNA. <i>Thrombosis and Haemostasis</i> , 2015, 113, 473-481.	1.8	36
34	Surfing on the Cardiovascular Frontier Wave. <i>Thrombosis and Haemostasis</i> , 2015, 113, 439-440.	1.8	4
35	Interleukin-10 protects against atherosclerosis by modulating multiple atherogenic macrophage function. <i>Thrombosis and Haemostasis</i> , 2015, 113, 505-512.	1.8	114
36	Coronary Artery Disease Associated Transcription Factor TCF21 Regulates Smooth Muscle Precursor Cells That Contribute to the Fibrous Cap. <i>PLoS Genetics</i> , 2015, 11, e1005155.	1.5	86

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37	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. <i>FEBS Open Bio</i> , 2015, 5, 182-190.	1.0	18
38	Cluster of Differentiation 43 Deficiency in Leukocytes Leads to Reduced Atherosclerosisâ€”Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 309-311.	1.1	6
39	MicroRNA 302a Is a Novel Modulator of Cholesterol Homeostasis and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 323-331.	1.1	88
40	Defective Fas Expression on Bone Marrow Derived Cells Alters Atherosclerotic Plaque Morphology in Hyperlipidemic Mice. <i>Discoveries</i> , 2015, 3, e37.	1.5	5
41	IL-32 Promotes Angiogenesis. <i>Journal of Immunology</i> , 2014, 192, 589-602.	0.4	74
42	Response to Letter Regarding Article â€œRole of Extracellular RNA in Atherosclerotic Plaque Formation in Miceâ€• <i>Circulation</i> , 2014, 130, e144-5.	1.6	12
43	Role of Extracellular RNA in Atherosclerotic Plaque Formation in Mice. <i>Circulation</i> , 2014, 129, 598-606.	1.6	73
44	Chitinase Inhibition Promotes Atherosclerosis in Hyperlipidemic Mice. <i>American Journal of Pathology</i> , 2013, 183, 313-325.	1.9	30
45	Selenoprotein K is required for palmitoylation of CD36 in macrophages: implications in foam cell formation and atherogenesis. <i>Journal of Leukocyte Biology</i> , 2013, 93, 771-780.	1.5	50
46	Leu1283.43 (L128) and Val2476.40 (V247) of CXCR1 Are Critical Amino Acid Residues for G Protein Coupling and Receptor Activation. <i>PLoS ONE</i> , 2012, 7, e42765.	1.1	17
47	Cholesterol crystals of atherosclerotic lesions induce endothelial dysfunction via RhoA activation. <i>FASEB Journal</i> , 2012, 26, 991.8.	0.2	1
48	Interleukin-10 overexpression in macrophages suppresses atherosclerosis in hyperlipidemic mice. <i>FASEB Journal</i> , 2010, 24, 2869-2880.	0.2	114
49	Interleukin-10 Facilitates Both Cholesterol Uptake and Efflux in Macrophages. <i>Journal of Biological Chemistry</i> , 2009, 284, 32950-32958.	1.6	69
50	Disruption of Tissue-Specific Fucosyltransferase VII, an Enzyme Necessary for Selectin Ligand Synthesis, Suppresses Atherosclerosis in Mice. <i>American Journal of Pathology</i> , 2009, 174, 343-350.	1.9	11
51	Deficiency of ROCK1 in bone marrow-derived cells protects against atherosclerosis in LDLR ^{-/-} mice. <i>FASEB Journal</i> , 2008, 22, 3561-3570.	0.2	67
52	Up-Regulated Expression of the CXCR2 Ligand KC/GRO-1 α in Atherosclerotic Lesions Plays a Central Role in Macrophage Accumulation and Lesion Progression. <i>American Journal of Pathology</i> , 2006, 168, 1385-1395.	1.9	177
53	Atherosclerosis in Mice Is Not Affected by a Reduction in Tissue Factor Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 555-562.	1.1	41
54	Modulation of Atherogenesis by Chemokines. <i>Trends in Cardiovascular Medicine</i> , 2004, 14, 161-165.	2.3	123

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55	Role of tissue factor and protease-activated receptors in a mouse model of endotoxemia. <i>Blood</i> , 2004, 103, 1342-1347.	0.6	276
56	The participation of chemokines in atherosclerosis. <i>Discovery Medicine</i> , 2004, 4, 288-92.	0.5	10
57	In Vivo Interrogation of the Molecular Display of Atherosclerotic Lesion Surfaces. <i>American Journal of Pathology</i> , 2003, 163, 1859-1871.	1.9	67
58	Transcriptional Repression of Atherogenic Inflammation: Modulation by PPAR α . <i>Science</i> , 2003, 302, 453-457.	6.0	543
59	Phospholipid transfer protein is present in human atherosclerotic lesions and is expressed by macrophages and foam cells. <i>Journal of Lipid Research</i> , 2003, 44, 1453-1461.	2.0	64
60	Overexpression of Interleukin-10 by Activated T Lymphocytes Inhibits Atherosclerosis in LDL Receptor-Deficient Mice by Altering Lymphocyte and Macrophage Phenotypes. <i>Circulation Research</i> , 2002, 90, 1064-1071.	2.0	329
61	Inflammation in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1341-1346.	1.1	56
62	PC-1 Nucleoside Triphosphate Pyrophosphohydrolase Deficiency in Idiopathic Infantile Arterial Calcification. <i>American Journal of Pathology</i> , 2001, 158, 543-554.	1.9	275
63	A PPAR β -LXR-ABCA1 Pathway in Macrophages Is Involved in Cholesterol Efflux and Atherogenesis. <i>Molecular Cell</i> , 2001, 7, 161-171.	4.5	1,240
64	Effect of γ -Irradiation and Bone Marrow Transplantation on Atherosclerosis in LDL Receptor-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1674-1680.	1.1	103
65	The participation of inflammatory cells in atherosclerosis. <i>Drugs of Today</i> , 2001, 37, 173.	0.7	10
66	Apolipoprotein E and atherosclerosis. <i>Current Opinion in Lipidology</i> , 2000, 11, 243-251.	1.2	202
67	Interleukin-8 and Its Receptor CXCR2 in Atherosclerosis. <i>Immunologic Research</i> , 2000, 21, 129-138.	1.3	131
68	Participation of Innate and Acquired Immunity in Atherosclerosis. <i>Immunologic Research</i> , 2000, 21, 167-176.	1.3	29
69	ApoA1 Reduces Free Cholesterol Accumulation in Atherosclerotic Lesions of ApoE-Deficient Mice Transplanted With ApoE-Expressing Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 525-530.	1.1	57
70	Chemokines and atherosclerosis. <i>Current Opinion in Lipidology</i> , 1998, 9, 397-405.	1.2	132
71	Role of Leukocyte-Specific LDL Receptors on Plasma Lipoprotein Cholesterol and Atherosclerosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 340-347.	1.1	23
72	Riboflavin Requirement of Healthy Elderly Humans and Its Relationship to Macronutrient Composition of the Diet. <i>Journal of Nutrition</i> , 1993, 123, 915-925.	1.3	33

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73	Chemistry of thienopyridines. XXXV . Synthesis, tautomerism, and reactions of quinoline and thienopyridine systems which bear a 1-carboethoxy-1-cyanomethyl substituent in the pyridine ring, part 2. <i>Journal of Heterocyclic Chemistry</i> , 1987, 24, 1467-1472.	1.4	12
74	Chemistry of thienopyridines. XXXIII. Synthetic routes to 5- and 7-substituted thieno[3,2- <i>b</i>]pyridines from the <i>N</i> -oxide. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 1249-1252.	1.4	16