

Christina A Bursill

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.

86

papers

3,211

citations

31

h-index

55

g-index

94

ext. papers

3,788

ext. citations

6.2

avg, IF

5.3

L-index

#	Paper	IF	Citations
86	CCR1 and CCR5 promote hepatic fibrosis in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1858-70	15.9	300
85	Magnetic resonance imaging of endothelial adhesion molecules in mouse atherosclerosis using dual-targeted microparticles of iron oxide. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 77-83	9.4	221
84	The metabolism and anti-atherogenic properties of HDL. <i>Journal of Lipid Research</i> , 2009 , 50 Suppl, S195-200	20.0	203
83	Colchicine Acutely Suppresses Local Cardiac Production of Inflammatory Cytokines in Patients With an Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , 2015 , 4, e002128	6	161
82	Smooth muscle cells in human atherosclerotic plaques express the fractalkine receptor CX3CR1 and undergo chemotaxis to the CX3C chemokine fractalkine (CX3CL1). <i>Circulation</i> , 2003 , 108, 2498-504	16.7	125
81	The Role of Chemokines in Wound Healing. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	124
80	A green tea extract lowers plasma cholesterol by inhibiting cholesterol synthesis and upregulating the LDL receptor in the cholesterol-fed rabbit. <i>Atherosclerosis</i> , 2007 , 193, 86-93	3.1	111
79	High-density lipoproteins suppress chemokines and chemokine receptors in vitro and in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1773-8	9.4	105
78	The role of chemokines in atherosclerosis: recent evidence from experimental models and population genetics. <i>Current Opinion in Lipidology</i> , 2004 , 15, 145-9	4.4	85
77	Murine model of wound healing. <i>Journal of Visualized Experiments</i> , 2013 , e50265	1.6	84
76	Inflammation as a Therapeutic Target in Atherosclerosis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	79
75	Modulation of cholesterol metabolism by the green tea polyphenol (-)-epigallocatechin gallate in cultured human liver (HepG2) cells. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 1621-6	5.7	77
74	Colchicine therapy in acute coronary syndrome patients acts on caspase-1 to suppress NLRP3 inflammasome monocyte activation. <i>Clinical Science</i> , 2016 , 130, 1237-46	6.5	75
73	Broad-spectrum CC-chemokine blockade by gene transfer inhibits macrophage recruitment and atherosclerotic plaque formation in apolipoprotein E-knockout mice. <i>Circulation</i> , 2004 , 110, 2460-6	16.7	67
72	Monocyte recruitment in venous thrombus resolution. <i>Journal of Vascular Surgery</i> , 2006 , 43, 601-8	3.5	59
71	The Role of CC-Chemokines in the Regulation of Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	57
70	High-Density Lipoproteins Exert Pro-inflammatory Effects on Macrophages via Passive Cholesterol Depletion and PKC-NF- κ B/STAT1-IRF1 Signaling. <i>Cell Metabolism</i> , 2017 , 25, 197-207	24.6	56

69	Green tea upregulates the low-density lipoprotein receptor through the sterol-regulated element binding Protein in HepG2 liver cells. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 5639-45	5.7	56
68	The apolipoprotein A-I mimetic peptide ETC-642 exhibits anti-inflammatory properties that are comparable to high density lipoproteins. <i>Atherosclerosis</i> , 2011 , 217, 395-400	3.1	49
67	A critical role for thioredoxin-interacting protein in diabetes-related impairment of angiogenesis. <i>Diabetes</i> , 2014 , 63, 675-87	0.9	46
66	Supplementation with carnosine decreases plasma triglycerides and modulates atherosclerotic plaque composition in diabetic apo E(-/-) mice. <i>Atherosclerosis</i> , 2014 , 232, 403-9	3.1	45
65	A green tea catechin extract upregulates the hepatic low-density lipoprotein receptor in rats. <i>Lipids</i> , 2007 , 42, 621-7	1.6	45
64	Induced pluripotent stem cell-derived endothelial cells promote angiogenesis and accelerate wound closure in a murine excisional wound healing model. <i>Bioscience Reports</i> , 2018 , 38,	4.1	42
63	High-density lipoproteins augment hypoxia-induced angiogenesis via regulation of post-translational modulation of hypoxia-inducible factor 1. <i>FASEB Journal</i> , 2014 , 28, 206-17	0.9	41
62	Evaluation of androgenic activity of nutraceutical-derived steroids using mammalian and yeast in vitro androgen bioassays. <i>Analytical Chemistry</i> , 2011 , 83, 2065-74	7.8	40
61	The role of cholesterol efflux in mechanisms of endothelial protection by HDL. <i>Current Opinion in Lipidology</i> , 2012 , 23, 182-189	4.4	40
60	High-density lipoproteins suppress chemokine expression and proliferation in human vascular smooth muscle cells. <i>FASEB Journal</i> , 2013 , 27, 1413-25	0.9	37
59	Multifunctional regulation of angiogenesis by high-density lipoproteins. <i>Cardiovascular Research</i> , 2014 , 101, 145-54	9.9	36
58	The nitroxide radical TEMPOL prevents obesity, hyperlipidaemia, elevation of inflammatory cytokines, and modulates atherosclerotic plaque composition in apoE-/- mice. <i>Atherosclerosis</i> , 2015 , 240, 234-41	3.1	35
57	Bifurcation and dynamics in a mathematical model of early atherosclerosis: How acute inflammation drives lesion development. <i>Journal of Mathematical Biology</i> , 2015 , 71, 1451-80	2	35
56	Adenoviral-mediated delivery of a viral chemokine binding protein blocks CC-chemokine activity in vitro and in vivo. <i>Immunobiology</i> , 2003 , 207, 187-96	3.4	35
55	Gene transfer of a broad spectrum CC-chemokine inhibitor reduces vein graft atherosclerosis in apolipoprotein E-knockout mice. <i>Circulation</i> , 2005 , 112, 1235-41	16.7	30
54	Lentiviral gene transfer to reduce atherosclerosis progression by long-term CC-chemokine inhibition. <i>Gene Therapy</i> , 2009 , 16, 93-102	4	29
53	High-Density Lipoproteins Rescue Diabetes-Impaired Angiogenesis via Scavenger Receptor Class B Type I. <i>Diabetes</i> , 2016 , 65, 3091-103	0.9	28
52	Ultrathin monolithic 3D printed optical coherence tomography endoscopy for preclinical and clinical use. <i>Light: Science and Applications</i> , 2020 , 9, 124	16.7	28

51	CCL11 blocks IL-4 and GM-CSF signaling in hematopoietic cells and hinders dendritic cell differentiation via suppressor of cytokine signaling expression. <i>Journal of Leukocyte Biology</i> , 2009 , 85, 289-97	6.5	26
50	CCR2-mediated antiinflammatory effects of endothelial tetrahydrobiopterin inhibit vascular injury-induced accelerated atherosclerosis. <i>Circulation</i> , 2008 , 118, S71-7	16.7	25
49	The apolipoprotein A-I mimetic peptide, ETC-642, reduces chronic vascular inflammation in the rabbit. <i>Lipids in Health and Disease</i> , 2011 , 10, 224	4.4	23
48	MicroRNAs as Therapeutic Targets and Clinical Biomarkers in Atherosclerosis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	22
47	The role of high-density lipoproteins in the regulation of angiogenesis. <i>Cardiovascular Research</i> , 2015 , 106, 184-93	9.9	21
46	Electrospun Nanodiamond-Silk Fibroin Membranes: A Multifunctional Platform For Biosensing and Wound-Healing Applications. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 48408-48419	9.5	21
45	Effect of long-term dietary sphingomyelin supplementation on atherosclerosis in mice. <i>PLoS ONE</i> , 2017 , 12, e0189523	3.7	19
44	Nonlinear dynamics of early atherosclerotic plaque formation may determine the efficacy of high density lipoproteins (HDL) in plaque regression. <i>PLoS ONE</i> , 2017 , 12, e0187674	3.7	19
43	The Role of High-Density Lipoproteins in Diabetes and Its Vascular Complications. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	19
42	Broad-Spectrum Inhibition of the CC-Chemokine Class Improves Wound Healing and Wound Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	18
41	The Vascular Endothelial Growth Factor Inhibitors Ranibizumab and Aflibercept Markedly Increase Expression of Atherosclerosis-Associated Inflammatory Mediators on Vascular Endothelial Cells. <i>PLoS ONE</i> , 2016 , 11, e0150688	3.7	18
40	Membrane-bound CC chemokine inhibitor 35K provides localized inhibition of CC chemokine activity in vitro and in vivo. <i>Journal of Immunology</i> , 2006 , 177, 5567-73	5.3	17
39	Translating Evidence of HDL and Plaque Regression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1961-1968	9.4	17
38	Tetrahydrobiopterin determines vascular remodeling through enhanced endothelial cell survival and regeneration. <i>Circulation</i> , 2013 , 128, S50-S58	16.7	15
37	CC-chemokine class inhibition attenuates pathological angiogenesis while preserving physiological angiogenesis. <i>FASEB Journal</i> , 2017 , 31, 1179-1192	0.9	13
36	A Nanoparticle-Based Affinity Sensor that Identifies and Selects Highly Cytokine-Secreting Cells. <i>IScience</i> , 2019 , 20, 137-147	6.1	13
35	High-density lipoproteins attenuate high glucose-impaired endothelial cell signaling and functions: potential implications for improved vascular repair in diabetes. <i>Cardiovascular Diabetology</i> , 2017 , 16, 121	8.7	13
34	Evaluation of synthetic vascular grafts in a mouse carotid grafting model. <i>PLoS ONE</i> , 2017 , 12, e0174773	3.7	13

33	The regulation of miRNAs by reconstituted high-density lipoproteins in diabetes-impaired angiogenesis. <i>Scientific Reports</i> , 2018 , 8, 13596	4.9	13
32	Vasculogenic properties of adventitial Sca-1CD45 progenitor cells in mice: a potential source of vasa vasorum in atherosclerosis. <i>Scientific Reports</i> , 2019 , 9, 7286	4.9	12
31	Induction of obesity impairs reverse cholesterol transport in ob/ob mice. <i>PLoS ONE</i> , 2018 , 13, e0202102	3.7	12
30	Fenofibrate Rescues Diabetes-Related Impairment of Ischemia-Mediated Angiogenesis by PPAR α -Independent Modulation of Thioredoxin-Interacting Protein. <i>Diabetes</i> , 2019 , 68, 1040-1053	0.9	11
29	High-Density Lipoproteins and Apolipoprotein A-I Improve Stent Biocompatibility. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1691-1701	9.4	11
28	Chemokine binding protein W3 limits atherosclerosis in apolipoprotein E $^{-/-}$ mice. <i>PLoS ONE</i> , 2017 , 12, e0173224	3.7	10
27	Apolipoprotein A-I Reduces In-Stent Restenosis and Platelet Activation and Alters Neointimal Cellular Phenotype. <i>JACC Basic To Translational Science</i> , 2018 , 3, 200-209	8.7	10
26	Exploring the Roles of and in the Regulation of Angiogenesis by High-Density Lipoproteins. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
25	Omega-3 fatty acids ameliorate vascular inflammation: A rationale for their atheroprotective effects. <i>Atherosclerosis</i> , 2021 , 324, 27-37	3.1	9
24	The Role of High-Density Lipoproteins in Endothelial Cell Metabolism and Diabetes-Impaired Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
23	Reconstituted high-density lipoproteins promote wound repair and blood flow recovery in response to ischemia in aged mice. <i>Lipids in Health and Disease</i> , 2016 , 15, 150	4.4	8
22	Multimodality Intravascular Imaging of High-Risk Coronary Plaque. <i>JACC: Cardiovascular Imaging</i> , 2021 , 15, 145-145	8.4	8
21	Androgen Receptor-Mediated Genomic Androgen Action Augments Ischemia-Induced Neovascularization. <i>Endocrinology</i> , 2016 , 157, 4853-4864	4.8	7
20	VEGFR2 is activated by high-density lipoproteins and plays a key role in the proangiogenic action of HDL in ischemia. <i>FASEB Journal</i> , 2018 , 32, 2911-2922	0.9	7
19	Cardiovascular bioimaging of nitric oxide: Achievements, challenges, and the future. <i>Medicinal Research Reviews</i> , 2021 , 41, 435-463	14.4	7
18	Strikingly Different Atheroprotective Effects of Apolipoprotein A-I in Early- versus Late-Stage Atherosclerosis. <i>JACC Basic To Translational Science</i> , 2018 , 3, 187-199	8.7	7
17	Myeloperoxidase modification of high-density lipoprotein suppresses human endothelial cell proliferation and migration via inhibition of ERK1/2 and Akt activation. <i>Atherosclerosis</i> , 2018 , 273, 75-83	3.1	6
16	Plasma activated coating immobilizes apolipoprotein A-I to stainless steel surfaces in its bioactive form and enhances biocompatibility. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 2141-2150	6	6

15	3D-Printed Micro Lens-in-Lens for In Vivo Multimodal Microendoscopy.. <i>Small</i> , 2022 , e2107032	11	6
14	High-Energy Diet and Shorter Light Exposure Drives Markers of Adipocyte Dysfunction in Visceral and Subcutaneous Adipose Depots of. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
13	A Role for Chlorinated Nucleosides in the Perturbation of Macrophage Function and Promotion of Inflammation. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1223-1234	4	4
12	Elevated HDL-bound miR-181c-5p level is associated with diabetic vascular complications in Australian Aboriginal people. <i>Diabetologia</i> , 2021 , 64, 1402-1411	10.3	4
11	Emerging Therapeutic Applications for Fumarates. <i>Trends in Pharmacological Sciences</i> , 2021 , 42, 239-254	13.2	4
10	Broad-spectrum chemokine inhibition blocks inflammation-induced angiogenesis, but preserves ischemia-driven angiogenesis. <i>FASEB Journal</i> , 2019 , 33, 13423-13434	0.9	3
9	Circadian disruption by short light exposure and a high energy diet impairs glucose tolerance and increases cardiac fibrosis in <i>Psammomys obesus</i> . <i>Scientific Reports</i> , 2021 , 11, 9673	4.9	2
8	A Novel Ruthenium-based Molecular Sensor to Detect Endothelial Nitric Oxide. <i>Scientific Reports</i> , 2019 , 9, 1720	4.9	1
7	Eukaryotic elongation factor 2 kinase regulates foam cell formation via translation of CD36.. <i>FASEB Journal</i> , 2022 , 36, e22154	0.9	1
6	The Anti-inflammatory and Proangiogenic Properties of High-Density Lipoproteins: An Emerging Role in Diabetic Wound Healing. <i>Advances in Wound Care</i> , 2021 , 10, 370-380	4.8	1
5	The multiple roles of chemokines in the mechanisms of stent biocompatibility. <i>Cardiovascular Research</i> , 2021 , 117, 2299-2308	9.9	0
4	Vascular Biology of Smooth Muscle Cells and Restenosis 2020 , 117-139		0
3	The Role of miR-181c in Mechanisms of Diabetes-Impaired Angiogenesis: An Emerging Therapeutic Target for Diabetic Vascular Complications. <i>Frontiers in Pharmacology</i> , 2021 , 12, 718679	5.6	0
2	The Role of Sex Steroids in Angiogenesis 2017 , 445-471		
1	Pathophysiology of Angiogenesis and Its Role in Vascular Disease 2020 , 89-116		