

Christina A Bursill

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2721739/christina-a-bursill-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Eukaryotic elongation factor 2 kinase regulates foam cell formation via translation of CD36.. <i>FASEB Journal</i> , 2022 , 36, e22154	0.9	1
85	3D-Printed Micro Lens-in-Lens for In Vivo Multimodal Microendoscopy.. <i>Small</i> , 2022 , e2107032	11	6
84	The multiple roles of chemokines in the mechanisms of stent biocompatibility. <i>Cardiovascular Research</i> , 2021 , 117, 2299-2308	9.9	0
83	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
82	Emerging Therapeutic Applications for Fumarates. <i>Trends in Pharmacological Sciences</i> , 2021 , 42, 239-254	13.2	4
81	Multimodality Intravascular Imaging of High-Risk Coronary Plaque. <i>JACC: Cardiovascular Imaging</i> , 2021 , 15, 145-145	8.4	8
80	Omega-3 fatty acids ameliorate vascular inflammation: A rationale for their atheroprotective effects. <i>Atherosclerosis</i> , 2021 , 324, 27-37	3.1	9
79	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
78	Cardiovascular bioimaging of nitric oxide: Achievements, challenges, and the future. <i>Medicinal Research Reviews</i> , 2021 , 41, 435-463	14.4	7
77	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
76	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
75	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
74	Pathophysiology of Angiogenesis and Its Role in Vascular Disease 2020 , 89-116		
73	Vascular Biology of Smooth Muscle Cells and Restenosis 2020 , 117-139		0
72	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
71	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
70	A Nanoparticle-Based Affinity Sensor that Identifies and Selects Highly Cytokine-Secreting Cells. <i>IScience</i> , 2019 , 20, 137-147	6.1	13

69	Broad-spectrum chemokine inhibition blocks inflammation-induced angiogenesis, but preserves ischemia-driven angiogenesis. <i>FASEB Journal</i> , 2019 , 33, 13423-13434	0.9	3
68	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
67	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
66	Fenofibrate Rescues Diabetes-Related Impairment of Ischemia-Mediated Angiogenesis by PPAR γ -Independent Modulation of Thioredoxin-Interacting Protein. <i>Diabetes</i> , 2019 , 68, 1040-1053	0.9	11
65	A Novel Ruthenium-based Molecular Sensor to Detect Endothelial Nitric Oxide. <i>Scientific Reports</i> , 2019 , 9, 1720	4.9	1
64	Inflammation as a Therapeutic Target in Atherosclerosis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	79
63	MicroRNAs as Therapeutic Targets and Clinical Biomarkers in Atherosclerosis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	22
62	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
61	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
60	High-Density Lipoproteins and Apolipoprotein A-I Improve Stent Biocompatibility. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1691-1701	9.4	11
59	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
58	The Role of High-Density Lipoproteins in Diabetes and Its Vascular Complications. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	19
57	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
56	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
55	Translating Evidence of HDL and Plaque Regression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1961-1968	9.4	17
54	The Role of Chemokines in Wound Healing. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	124
53	Induction of obesity impairs reverse cholesterol transport in ob/ob mice. <i>PLoS ONE</i> , 2018 , 13, e0202102	3.7	12
52	The regulation of miRNAs by reconstituted high-density lipoproteins in diabetes-impaired angiogenesis. <i>Scientific Reports</i> , 2018 , 8, 13596	4.9	13

51	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
50	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
49	CC-chemokine class inhibition attenuates pathological angiogenesis while preserving physiological angiogenesis. <i>FASEB Journal</i> , 2017 , 31, 1179-1192	0.9	13
48	Chemokine binding protein W3 limits atherosclerosis in apolipoprotein E ^{-/-} mice. <i>PLoS ONE</i> , 2017 , 12, e0173224	3.7	10
47	Effect of long-term dietary sphingomyelin supplementation on atherosclerosis in mice. <i>PLoS ONE</i> , 2017 , 12, e0189523	3.7	19
46	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
45	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
44	The Role of Sex Steroids in Angiogenesis 2017 , 445-471		
43	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
42	High-Density Lipoproteins Exert Pro-inflammatory Effects on Macrophages via Passive Cholesterol Depletion and PKC-NF-B/STAT1-IRF1 Signaling. <i>Cell Metabolism</i> , 2017 , 25, 197-207	24.6	56
41	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
40	Evaluation of synthetic vascular grafts in a mouse carotid grafting model. <i>PLoS ONE</i> , 2017 , 12, e0174773	3.7	13
39	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
38	Androgen Receptor-Mediated Genomic Androgen Action Augments Ischemia-Induced Neovascularization. <i>Endocrinology</i> , 2016 , 157, 4853-4864	4.8	7
37	High-Density Lipoproteins Rescue Diabetes-Impaired Angiogenesis via Scavenger Receptor Class B Type I. <i>Diabetes</i> , 2016 , 65, 3091-103	0.9	28
36	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
35	The Role of CC-Chemokines in the Regulation of Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	57
34	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

33	The role of high-density lipoproteins in the regulation of angiogenesis. <i>Cardiovascular Research</i> , 2015 , 106, 184-93	9.9	21
32	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
31	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
30	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
29	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
28	A critical role for thioredoxin-interacting protein in diabetes-related impairment of angiogenesis. <i>Diabetes</i> , 2014 , 63, 675-87	0.9	46
27	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
26	Multifunctional regulation of angiogenesis by high-density lipoproteins. <i>Cardiovascular Research</i> , 2014 , 101, 145-54	9.9	36
25	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
24	Tetrahydrobiopterin determines vascular remodeling through enhanced endothelial cell survival and regeneration. <i>Circulation</i> , 2013 , 128, S50-S58	16.7	15
23	Murine model of wound healing. <i>Journal of Visualized Experiments</i> , 2013 , e50265	1.6	84
22	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
21	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
20	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
19	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
18	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
17	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
16	Lentiviral gene transfer to reduce atherosclerosis progression by long-term CC-chemokine inhibition. <i>Gene Therapy</i> , 2009 , 16, 93-102	4	29

15	The metabolism and anti-atherogenic properties of HDL. <i>Journal of Lipid Research</i> , 2009 , 50 Suppl, S195-200	203
14	CCR1 and CCR5 promote hepatic fibrosis in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1858-70	15.9 300
13	CCR2-mediated antiinflammatory effects of endothelial tetrahydrobiopterin inhibit vascular injury-induced accelerated atherosclerosis. <i>Circulation</i> , 2008 , 118, S71-7	16.7 25
12	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
11	A green tea catechin extract upregulates the hepatic low-density lipoprotein receptor in rats. <i>Lipids</i> , 2007 , 42, 621-7	1.6 45
10	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
9	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
8	Monocyte recruitment in venous thrombus resolution. <i>Journal of Vascular Surgery</i> , 2006 , 43, 601-8	3.5 59
7	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
6	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
5	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
4	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
3	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
2	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
1	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