

Christopher B Pattillo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6231917/publications.pdf>

Version: 2024-02-01

46
papers

2,560
citations

257450

24
h-index

276875

41
g-index

51
all docs

51
docs citations

51
times ranked

3859
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of glutathione biosynthesis by glycine-based treatment mitigates atherosclerosis. <i>Redox Biology</i> , 2022, 52, 102313.	9.0	15
2	Investigating a Ligandâ€receptor Role for Glutathione in Angiogenesis. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
3	EphA2 signaling within integrin adhesions regulates fibrillar adhesion elongation and fibronectin deposition. <i>Matrix Biology</i> , 2021, 103-104, 1-21.	3.6	7
4	Hyperglycemia-induced effects on glycocalyx components in the retina. <i>Experimental Eye Research</i> , 2021, 213, 108846.	2.6	10
5	Hydrogen peroxide in the ER: A tale of triage. <i>Redox Biology</i> , 2020, 28, 101358.	9.0	12
6	Sodium sulfide selectively induces oxidative stress, DNA damage, and mitochondrial dysfunction and radiosensitizes glioblastoma (GBM) cells.. <i>Redox Biology</i> , 2019, 26, 101220.	9.0	32
7	Effect of diabetes and hyaluronidase on the retinal endothelial glycocalyx in mice. <i>Experimental Eye Research</i> , 2019, 179, 125-131.	2.6	23
8	IL-1 β reduces cardiac lymphatic muscle contraction via COX-2 and PGE2 induction: Potential role in myocarditis. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1591-1600.	5.6	21
9	EphA2 stimulates VCAM-1 expression through calcium-dependent NFAT1 activity. <i>Cellular Signalling</i> , 2018, 49, 30-38.	3.6	16
10	Decreases in GSH:GSSG activate vascular endothelial growth factor receptor 2 (VEGFR2) in human aortic endothelial cells. <i>Redox Biology</i> , 2018, 19, 22-27.	9.0	29
11	Differential arterial and venous endothelial redox responses to oxidative stress. <i>Microcirculation</i> , 2018, 25, e12486.	1.8	14
12	Integrin signaling in atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2263-2282.	5.4	99
13	EphA2 Expression Regulates Inflammation and Fibroproliferative Remodeling in Atherosclerosis. <i>Circulation</i> , 2017, 136, 566-582.	1.6	50
14	Sigmar1 regulates endoplasmic reticulum stress-induced C/EBP-homologous protein expression in cardiomyocytes. <i>Bioscience Reports</i> , 2017, 37, .	2.4	42
15	Oxygen tension, H ₂ S, and NO bioavailability: is there an interaction?. <i>Journal of Applied Physiology</i> , 2016, 120, 263-270.	2.5	14
16	Oxidized LDL induces FAK-dependent RSK signaling to drive NF- κ B activation and VCAM-1 expression. <i>Journal of Cell Science</i> , 2016, 129, 1580-91.	2.0	45
17	A Novel Hydrogen Sulfide Prodrug, <sc>SG</sc> 1002, Promotes Hydrogen Sulfide and Nitric Oxide Bioavailability in Heart Failure Patients. <i>Cardiovascular Therapeutics</i> , 2015, 33, 216-226.	2.5	125
18	Nitrite Anion Therapy Protects Against Chronic Ischemic Tissue Injury in <i>db/db</i> Diabetic Mice in a NO/VEGF-Dependent Manner. <i>Diabetes</i> , 2014, 63, 270-281.	0.6	42

#	ARTICLE	IF	CITATIONS
19	Control of angiogenesis dictated by picomolar superoxide levels. <i>Free Radical Biology and Medicine</i> , 2013, 63, 135-142.	2.9	31
20	Peripheral Arterial Disease: Pathophysiology and Therapeutics. <i>Colloquium Series on Integrated Systems Physiology From Molecule To Function</i> , 2013, 4, 1-82.	0.3	0
21	Hydrogen Sulfide Stimulates Ischemic Vascular Remodeling Through Nitric Oxide Synthase and Nitrite Reduction Activity Regulating Hypoxia-Inducible Factor-1 α and Vascular Endothelial Growth Factor-Dependent Angiogenesis. <i>Journal of the American Heart Association</i> , 2012, 1, e004093.	3.7	141
22	Nitrite anion stimulates ischemic arteriogenesis involving NO metabolism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H178-H188.	3.2	18
23	ROLE OF DIALLYL TRISULFIDE IN MURINE PERMANENT HIND LIMB ISCHEMIA. <i>Journal of the American College of Cardiology</i> , 2011, 57, E1516.	2.8	0
24	Dipyridamole reverses peripheral ischemia and induces angiogenesis in the Db/Db diabetic mouse hind-limb model by decreasing oxidative stress. <i>Free Radical Biology and Medicine</i> , 2011, 50, 262-269.	2.9	27
25	Measurement of plasma hydrogen sulfide in vivo and in vitro. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1021-1031.	2.9	278
26	Inorganic nitrite therapy: historical perspective and future directions. <i>Free Radical Biology and Medicine</i> , 2011, 51, 576-593.	2.9	96
27	VEGF164 isoform specific regulation of T-cell-dependent experimental colitis in mice. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 1501-1512.	1.9	13
28	Inorganic nitrite and chronic tissue ischaemia: a novel therapeutic modality for peripheral vascular diseases. <i>Cardiovascular Research</i> , 2011, 89, 533-541.	3.8	36
29	Temporal genomewide expression profiling of DSS colitis reveals novel inflammatory and angiogenesis genes similar to ulcerative colitis. <i>Physiological Genomics</i> , 2011, 43, 43-56.	2.3	65
30	Nitrite Therapy Positively Augments Arteriogenesis in a Murine Model of Hind Limb Ischemia. <i>FASEB Journal</i> , 2011, 25, 1092.7.	0.5	0
31	Hydrogen sulfide therapy rescues critical limb ischemia in aged diabetic animals through an eNOS/HIF-1 α /VEGF dependent pathway. <i>FASEB Journal</i> , 2011, 25, 1092.6.	0.5	0
32	ICAM-1 cytoplasmic tail regulates endothelial glutathione synthesis through a NOX4/PI3-kinase-dependent pathway. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1119-1128.	2.9	19
33	Sodium Nitrite Therapy Positively Augments Arteriogenesis as Monitored over Time with Serial Angiography in a Murine Model of Hind Limb Ischemia. <i>Free Radical Biology and Medicine</i> , 2010, 49, S28.	2.9	0
34	Reperfusion of chronic tissue ischemia: nitrite and dipyridamole regulation of innate immune responses. <i>Annals of the New York Academy of Sciences</i> , 2010, 1207, 83-88.	3.8	13
35	Dipyridamole enhances ischaemia-induced arteriogenesis through an endocrine nitrite/nitric oxide-dependent pathway. <i>Cardiovascular Research</i> , 2010, 85, 661-670.	3.8	49
36	Genome expression profiling and network analysis of nitrite therapy during chronic ischemia: Possible mechanisms and interesting molecules. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 22, 168-179.	2.7	21

#	ARTICLE	IF	CITATIONS
37	Hydrogen Sulfide Mediates Cardioprotection Through Nrf2 Signaling. <i>Circulation Research</i> , 2009, 105, 365-374.	4.5	652
38	Radiation-Guided Targeting of Combretastatin Encapsulated Immunoliposomes to Mammary Tumors. <i>Pharmaceutical Research</i> , 2009, 26, 1093-1100.	3.5	35
39	Synthetic microvascular networks for quantitative analysis of particle adhesion. <i>Biomedical Microdevices</i> , 2008, 10, 585-595.	2.8	64
40	Chronic sodium nitrite therapy augments ischemia-induced angiogenesis and arteriogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7540-7545.	7.1	178
41	Modeling Oxygenation and Selective Delivery of Drug Carriers Post-Myocardial Infarction. , 2008, 614, 333-343.		6
42	Microvascular transport model predicts oxygenation changes in the infarcted heart after treatment. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H3732-H3739.	3.2	10
43	Anti-TNFA (TNF- $\hat{\pm}$) Treatment Abrogates Radiation-Induced Changes in Vascular Density and Tissue Oxygenation. <i>Radiation Research</i> , 2007, 167, 80-86.	1.5	36
44	Targeted delivery of antibody conjugated liposomal drug carriers to rat myocardial infarction. <i>Biotechnology and Bioengineering</i> , 2007, 96, 795-802.	3.3	54
45	A tumor vasculature targeted liposome delivery system for combretastatin A4: Design, characterization, and in vitro evaluation. <i>AAPS PharmSciTech</i> , 2006, 7, E7-E16.	3.3	69
46	Targeting of the Antivascular Drug Combretastatin to Irradiated Tumors Results in Tumor Growth Delay. <i>Pharmaceutical Research</i> , 2005, 22, 1117-1120.	3.5	51