Benjamin S Rayner

List of Publications by Year
in descending order

19	483	687363 13	794594 19
papers	citations	h-index	g-index

19	19	19	845
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative reactivity of myeloperoxidase-derived oxidants with mammalian cells. Free Radical Biology and Medicine, 2014, 71, 240-255.	2.9	88
2	The lysyl oxidase like 2/3 enzymatic inhibitor, PXSâ€5153A, reduces crosslinks and ameliorates fibrosis. Journal of Cellular and Molecular Medicine, 2019, 23, 1759-1770.	3.6	76
3	Comparative reactivity of the myeloperoxidase-derived oxidants hypochlorous acid and hypothiocyanous acid with human coronary artery endothelial cells. Free Radical Biology and Medicine, 2013, 65, 1352-1362.	2.9	41
4	Low-density lipoprotein modified by myeloperoxidase oxidants induces endothelial dysfunction. Redox Biology, 2017, 13, 623-632.	9.0	33
5	Oxidative stress in myocardial ischaemia reperfusion injury: a renewed focus on a long-standing area of heart research. Redox Report, 2005, 10, 187-197.	4.5	32
6	Selenomethionine supplementation reduces lesion burden, improves vessel function and modulates the inflammatory response within the setting of atherosclerosis. Redox Biology, 2020, 29, 101409.	9.0	29
7	Role of hypochlorous acid (HOCl) and other inflammatory mediators in the induction of macrophage extracellular trap formation. Free Radical Biology and Medicine, 2018, 129, 25-34.	2.9	28
8	Selective Inhibition of the Master Regulator Transcription Factor Egrâ€1 With Catalytic Oligonucleotides Reduces Myocardial Injury and Improves Left Ventricular Systolic Function in a Preclinical Model of Myocardial Infarction. Journal of the American Heart Association, 2013, 2, e000023.	3.7	26
9	TRAIL protects against endothelial dysfunction in vivo and inhibits angiotensin-II-induced oxidative stress in vascular endothelial cells in vitro. Free Radical Biology and Medicine, 2018, 126, 341-349.	2.9	26
10	8-Chloroadenosine induces apoptosis in human coronary artery endothelial cells through the activation of the unfolded protein response. Redox Biology, 2019, 26, 101274.	9.0	21
11	Pan-Lysyl Oxidase Inhibitor PXS-5505 Ameliorates Multiple-Organ Fibrosis by Inhibiting Collagen Crosslinks in Rodent Models of Systemic Sclerosis. International Journal of Molecular Sciences, 2022, 23, 5533.	4.1	15
12	A pivotal role for NF-ÎºB in the macrophage inflammatory response to the myeloperoxidase oxidant hypothiocyanous acid. Archives of Biochemistry and Biophysics, 2018, 642, 23-30.	3.0	14
13	Assessing the Efficacy of Dietary Selenomethionine Supplementation in the Setting of Cardiac Ischemia/Reperfusion Injury. Antioxidants, 2019, 8, 546.	5.1	14
14	Therapeutic Targets in Diffuse Midline Gliomasâ€”An Emerging Landscape. Cancers, 2021, 13, 6251.	3.7	12
15	Characterization of the cellular effects of myeloperoxidase-derived oxidants on H9c2 cardiac myoblasts. Archives of Biochemistry and Biophysics, 2019, 665, 132-142.	3.0	11
16	In Vitro Stimulation and Visualization of Extracellular Trap Release in Differentiated Human Monocyte-derived Macrophages. Journal of Visualized Experiments, 2019, , .	0.3	7
17	Multiplex analysis of mass imaging data: Application to the pathology of experimental myocardial infarction. Acta Physiologica, 2022, 235, e13790.	3.8	5
18	Nitroxides Mitigate Neutrophil-Mediated Damage to the Myocardium after Experimental Myocardial Infarction in Rats. International Journal of Molecular Sciences, 2020, 21, 7650.	4.1	3

#	Article	IF	Citations
19	Long-term dietary nitrate supplementation does not reduce renal cyst growth in experimental autosomal dominant polycystic kidney disease. PLoS ONE, 2021, 16, e0248400.	2.5	2