

Murray C H Clarke

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

4,064
citations

279798

23
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

5886
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular smooth muscle cells in atherosclerosis. <i>Nature Reviews Cardiology</i> , 2019, 16, 727-744.	13.7	628
2	Apoptosis of vascular smooth muscle cells induces features of plaque vulnerability in atherosclerosis. <i>Nature Medicine</i> , 2006, 12, 1075-1080.	30.7	584
3	Chronic Apoptosis of Vascular Smooth Muscle Cells Accelerates Atherosclerosis and Promotes Calcification and Medial Degeneration. <i>Circulation Research</i> , 2008, 102, 1529-1538.	4.5	322
4	Vascular Smooth Muscle Cell Senescence Promotes Atherosclerosis and Features of Plaque Vulnerability. <i>Circulation</i> , 2015, 132, 1909-1919.	1.6	250
5	Mitochondrial DNA Damage Can Promote Atherosclerosis Independently of Reactive Oxygen Species Through Effects on Smooth Muscle Cells and Monocytes and Correlates With Higher-Risk Plaques in Humans. <i>Circulation</i> , 2013, 128, 702-712.	1.6	218
6	Senescent Vascular Smooth Muscle Cells Drive Inflammation Through an Interleukin-1 β -Dependent Senescence-Associated Secretory Phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1963-1974.	2.4	211
7	Vascular Smooth Muscle Cell Apoptosis Induces Interleukin-1 β -Directed Inflammation. <i>Circulation Research</i> , 2010, 106, 363-372.	4.5	205
8	Intracellular Interleukin-1 Receptor 2 Binding Prevents Cleavage and Activity of Interleukin-1 β , Controlling Necrosis-Induced Sterile Inflammation. <i>Immunity</i> , 2013, 38, 285-295.	14.3	172
9	The Coagulation and Immune Systems Are Directly Linked through the Activation of Interleukin-1 β by Thrombin. <i>Immunity</i> , 2019, 50, 1033-1042.e6.	14.3	154
10	Constitutive Death of Platelets Leading to Scavenger Receptor-mediated Phagocytosis. <i>Journal of Biological Chemistry</i> , 2000, 275, 5987-5996.	3.4	153
11	Cell Death, Damage-Associated Molecular Patterns, and Sterile Inflammation in Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2781-2786.	2.4	140
12	Compartmentalized megakaryocyte death generates functional platelets committed to caspase-independent death. <i>Journal of Cell Biology</i> , 2003, 160, 577-587.	5.2	136
13	Cigarette Smoke Prevents Apoptosis through Inhibition of Caspase Activation and Induces Necrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 562-570.	2.9	110
14	The Emerging Role of Vascular Smooth Muscle Cell Apoptosis in Atherosclerosis and Plaque Stability. <i>American Journal of Nephrology</i> , 2006, 26, 531-535.	3.1	98
15	Alternative Pathways of IL-1 Activation, and Its Role in Health and Disease. <i>Frontiers in Immunology</i> , 2020, 11, 613170.	4.8	83
16	IL-1 β cleavage by inflammatory caspases of the noncanonical inflammasome controls the senescence-associated secretory phenotype. <i>Aging Cell</i> , 2019, 18, e12946.	6.7	77
17	Leukocyte Telomere Length Is Associated With High-Risk Plaques on Virtual Histology Intravascular Ultrasound and Increased Proinflammatory Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2157-2164.	2.4	68
18	Temporal inhibition of autophagy reveals segmental reversal of ageing with increased cancer risk. <i>Nature Communications</i> , 2020, 11, 307.	12.8	62

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19	Smooth Muscle Cell Apoptosis Promotes Vessel Remodeling and Repair via Activation of Cell Migration, Proliferation, and Collagen Synthesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2402-2409.	2.4	61
20	Bone Marrow-Derived Smooth Muscle-Like Cells Are Infrequent in Advanced Primary Atherosclerotic Plaques but Promote Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1291-1299.	2.4	58
21	Cell death in the cardiovascular system. <i>Heart</i> , 2007, 93, 659-664.	2.9	55
22	Defining the Role of Vascular Smooth Muscle Cell Apoptosis in Atherosclerosis. <i>Cell Cycle</i> , 2006, 5, 2329-2331.	2.6	36
23	Signalling from dead cells drives inflammation and vessel remodelling. <i>Vascular Pharmacology</i> , 2012, 56, 187-192.	2.1	24
24	Cause or Consequence. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 153-155.	2.4	23
25	Interleukin-1 β Activity in Necrotic Endothelial Cells Is Controlled by Caspase-1 Cleavage of Interleukin-1 Receptor-2. <i>Journal of Biological Chemistry</i> , 2015, 290, 25188-25196.	3.4	23
26	The CCR5 chemokine receptor mediates vasoconstriction and stimulates intimal hyperplasia in human vessels in vitro. <i>Cardiovascular Research</i> , 2014, 101, 513-521.	3.8	21
27	Killing the old: cell senescence in atherosclerosis. <i>Nature Reviews Cardiology</i> , 2017, 14, 8-9.	13.7	20
28	Cytokine regulation of apoptosis-induced apoptosis and apoptosis-induced cell proliferation in vascular smooth muscle cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 648-662.	4.9	20
29	Death Is Coming and the Clot Thickens, as Pyroptosis Feeds the Fire. <i>Immunity</i> , 2019, 50, 1339-1341.	14.3	11
30	Cell surface IL-1 β trafficking is specifically inhibited by interferon- γ , and associates with the membrane via IL-1R2 and GPI anchors. <i>European Journal of Immunology</i> , 2020, 50, 1663-1675.	2.9	11
31	Senescence utilises inflammatory caspases to drive SASP. <i>Aging</i> , 2019, 11, 3891-3892.	3.1	9
32	Platelet Isolation and Activation Assays. <i>Bio-protocol</i> , 2019, 9, e3405.	0.4	9
33	Response to Letter Regarding Article, "Mitochondrial DNA Damage Can Promote Atherosclerosis Independently of Reactive Oxygen Species Through Effects on Smooth Muscle Cells and Monocytes and Correlates With Higher-Risk Plaques in Humans". <i>Circulation</i> , 2014, 129, e408.	1.6	2