

Maximillian A Rogers

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,790
citations

430442

18
h-index

414034

32
g-index

40
all docs

40
docs citations

40
times ranked

2659
citing authors

#	ARTICLE	IF	CITATIONS
1	Sortilin mediates vascular calcification via its recruitment into extracellular vesicles. <i>Journal of Clinical Investigation</i> , 2016, 126, 1323-1336.	3.9	196
2	Lipoprotein(a) and Oxidized Phospholipids Promote Valve Calcification in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2150-2162.	1.2	187
3	Spatiotemporal Multi-Omics Mapping Generates a Molecular Atlas of the Aortic Valve and Reveals Networks Driving Disease. <i>Circulation</i> , 2018, 138, 377-393.	1.6	180
4	ACAT1 gene ablation increases 24(S)-hydroxycholesterol content in the brain and ameliorates amyloid pathology in mice with AD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3081-3086.	3.3	170
5	Acyl-CoA:cholesterol acyltransferases (ACATs/SOATs): Enzymes with multiple sterols as substrates and as activators. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 151, 102-107.	1.2	123
6	Cardiovascular calcification: artificial intelligence and big data accelerate mechanistic discovery. <i>Nature Reviews Cardiology</i> , 2019, 16, 261-274.	6.1	121
7	A novel mouse model of Niemann-Pick type C disease carrying a D1005G-Npc1 mutation comparable to commonly observed human mutations. <i>Human Molecular Genetics</i> , 2012, 21, 730-750.	1.4	111
8	A single injection of gain-of-function mutant PCSK9 adeno-associated virus vector induces cardiovascular calcification in mice with no genetic modification. <i>Atherosclerosis</i> , 2016, 251, 109-118.	0.4	92
9	Dynamin-Related Protein 1 Inhibition Attenuates Cardiovascular Calcification in the Presence of Oxidative Stress. <i>Circulation Research</i> , 2017, 121, 220-233.	2.0	88
10	Annexin A1-dependent tethering promotes extracellular vesicle aggregation revealed with single-extracellular vesicle analysis. <i>Science Advances</i> , 2020, 6, .	4.7	65
11	Deficiency in the Lipid Exporter ABCA1 Impairs Retrograde Sterol Movement and Disrupts Sterol Sensing at the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2015, 290, 23464-23477.	1.6	56
12	Standardization of Human Calcific Aortic Valve Disease in vitro Modeling Reveals Passage-Dependent Calcification. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 49.	1.1	49
13	Sterol Metabolism and Transport in Atherosclerosis and Cancer. <i>Frontiers in Endocrinology</i> , 2018, 9, 509.	1.5	39
14	Revisiting cardiovascular calcification: A multifaceted disease requiring a multidisciplinary approach. <i>Seminars in Cell and Developmental Biology</i> , 2015, 46, 68-77.	2.3	37
15	Myeloid Acyl-CoA:Cholesterol Acyltransferase 1 Deficiency Reduces Lesion Macrophage Content and Suppresses Atherosclerosis Progression. <i>Journal of Biological Chemistry</i> , 2016, 291, 6232-6244.	1.6	34
16	ApoC-III is a novel inducer of calcification in human aortic valves. <i>Journal of Biological Chemistry</i> , 2021, 296, 100193.	1.6	28
17	Medial and Intimal Calcification in Chronic Kidney Disease: Stressing the Contributions. <i>Journal of the American Heart Association</i> , 2013, 2, e000481.	1.6	26
18	Cellular Pregnenolone Esterification by Acyl-CoA:Cholesterol Acyltransferase. <i>Journal of Biological Chemistry</i> , 2012, 287, 17483-17492.	1.6	22

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19	Macrophage Heterogeneity Complicates Reversal of Calcification in Cardiovascular Tissues. <i>Circulation Research</i> , 2017, 121, 5-7.	2.0	22
20	A Not-So-Little Role for Lipoprotein(a) in the Development of Calcific Aortic Valve Disease. <i>Circulation</i> , 2015, 132, 621-623.	1.6	17
21	Transcriptional control of intestinal cholesterol absorption, adipose energy expenditure and lipid handling by Sortilin. <i>Scientific Reports</i> , 2018, 8, 9006.	1.6	17
22	Retinoids Repress Human Cardiovascular Cell Calcification With Evidence for Distinct Selective Retinoid Modulator Effects. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 656-669.	1.1	17
23	CROT (Carnitine O-Octanoyltransferase) Is a Novel Contributing Factor in Vascular Calcification via Promoting Fatty Acid Metabolism and Mitochondrial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 755-768.	1.1	17
24	Dynamin-related protein 1 inhibition reduces hepatic PCSK9 secretion. <i>Cardiovascular Research</i> , 2021, 117, 2340-2353.	1.8	16
25	Modifying Vascular Calcification in Diabetes Mellitus. <i>Circulation Research</i> , 2014, 114, 1074-1076.	2.0	13
26	Neuronal cholesterol esterification by ACAT1 in Alzheimer's disease. <i>IUBMB Life</i> , 2010, 62, 261-267.	1.5	12
27	Lipoprotein(a) Induces Vesicular Cardiovascular Calcification Revealed With Single-Extracellular Vesicle Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 778919.	1.1	12
28	MicroRNA Extracellular Vesicle Stowaways in Cell-Cell Communication and Organ Crosstalk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2448-2450.	1.1	5
29	Complex association of lipoprotein(a) with aortic stenosis. <i>Heart</i> , 2020, 106, 711-712.	1.2	3
30	Unbiased omics identifies mechanistic regulators of calcific aortic valve disease. <i>European Heart Journal</i> , 2021, 42, 2948-2950.	1.0	2
31	Abstract 595: Transcriptional Control of Intestinal Cholesterol Absorption, Adipose Energy Expenditure and Lipid Handling by Sortilin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	2
32	An (Auto)Taxing Effort to Mechanistically Link Obesity and Calcific Aortic Valve Disease. <i>JACC Basic To Translational Science</i> , 2020, 5, 898-900.	1.9	1
33	Abstract 16983: Inhibition of Dynamin-Related Protein 1 Accelerates Vascular Calcification in apoE-Deficient Mice through AKT Activation. <i>Circulation</i> , 2014, 130, .	1.6	0
34	Abstract 647: Induction of Cardiovascular Calcification in Non-transgenic Mice via a Single Injection of Pcsk9 Adeno-associated Viral Vector. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	1.1	0
35	Abstract 175: Dynamin-Related Protein 1 Regulates Proteostasis and Proprotein Convertase Subtilisin/Kexin Type 9 Secretion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	0
36	Abstract 228: Multi-omics Mapping Generates a Molecular Atlas of the Aortic Valve and Reveals Networks Driving Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	0

#	ARTICLE	IF	CITATIONS
37	Differential Mechanisms of Arterial and Valvular Calcification. Contemporary Cardiology, 2020, , 73-95.	0.0	0