

# Marc A Bailey Mb, Chb

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

2,137  
citations

394286

19  
h-index

243529

44  
g-index

78  
all docs

78  
docs citations

78  
times ranked

3690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Absence of association between host genetic mutations in the ORAI1 gene and COVID-19 fatality. PLoS ONE, 2022, 17, e0263303.	1.1	1
2	A methodological framework for AI-assisted diagnosis of active aortitis using radiomic analysis of FDG PET/CT images: Initial analysis. Journal of Nuclear Cardiology, 2022, 29, 3315-3331.	1.4	7
3	Preservation of Smooth Muscle Cell Integrity and Function: A Target for Limiting Abdominal Aortic Aneurysm Expansion?. Cells, 2022, 11, 1043.	1.8	0
4	New Measures, Old Conclusions: Obesity Does Not Worsen Outcomes after Elective Abdominal Aortic Aneurysm Repair. Aorta, 2022, 10, 020-025.	0.1	0
5	Comparison of Four Mouse Models for Abdominal Aortic Aneurysm by 3D Ultrasound. Aorta, 2022, , .	0.1	0
6	Cell proliferation detected using [18F]FLT PET/CT as an early marker of abdominal aortic aneurysm. Journal of Nuclear Cardiology, 2021, 28, 1961-1971.	1.4	18
7	ORAI1 Ca <sup>2+</sup> Channel as a Therapeutic Target in Pathological Vascular Remodelling. Frontiers in Cell and Developmental Biology, 2021, 9, 653812.	1.8	19
8	Radionuclide molecular imaging of abdominal aortic aneurysms for risk stratification and non-invasive therapy assessment. Clinical and Translational Medicine, 2021, 11, e386.	1.7	1
9	Role of MicroRNA-145 in DNA Damage Signalling and Senescence in Vascular Smooth Muscle Cells of Type 2 Diabetic Patients. Cells, 2021, 10, 919.	1.8	9
10	Prospect of positron emission tomography for abdominal aortic aneurysm risk stratification. Journal of Nuclear Cardiology, 2021, 28, 2272-2282.	1.4	5
11	The abdominal waist circumference and 4-year outcomes following peripheral bypass grafting. International Angiology, 2021, 40, 213-221.	0.4	0
12	Imaging Biological Pathways in Abdominal Aortic Aneurysms Using Positron Emission Tomography. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1596-1606.	1.1	3
13	Elimination of fibrin $\beta$ -chain cross-linking by FXIIIa increases pulmonary embolism arising from murine inferior vena cava thrombi. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2103226118.	3.3	10
14	Histone citrullination as a novel biomarker and target to inhibit progression of abdominal aortic aneurysms. Translational Research, 2021, 233, 32-46.	2.2	32
15	[18F]Fluorothymidine Uptake in the Porcine Pancreatic Elastase-Induced Model of Abdominal Aortic Aneurysm. Journal of Imaging, 2021, 7, 130.	1.7	0
16	High-Frequency Three-Dimensional Lumen Volume Ultrasound Is a Sensitive Method to Detect Early Aneurysmal Change in Elastase-Induced Murine Abdominal Aortic Aneurysm. Aorta, 2021, 09, 215-220.	0.1	2
17	Orai1 Channel Inhibition Preserves Left Ventricular Systolic Function and Normal Ca <sup>2+</sup> Handling After Pressure Overload. Circulation, 2020, 141, 199-216.	1.6	42
18	The role of cardiopulmonary exercise testing and echocardiography prior to elective endovascular aneurysm repair. Annals of the Royal College of Surgeons of England, 2020, 102, 383-390.	0.3	3

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19	Symptom relief in patients undergoing endovascular management of chronic mesenteric ischemia. <i>International Angiology</i> , 2020, 38, 466-473.	0.4	0
20	Meta-analysis of fenestrated endovascular aneurysm repair versus open surgical repair of juxtarenal abdominal aortic aneurysms over the last 10 years. <i>BJS Open</i> , 2019, 3, 572-584.	0.7	67
21	Influence of psoas muscle area on mortality following elective abdominal aortic aneurysm repair. <i>British Journal of Surgery</i> , 2019, 106, 367-374.	0.1	33
22	A Novel Diagnostic and Prognostic Score for Abdominal Aortic Aneurysms Based on D-Dimer and a Comprehensive Analysis of Myeloid Cell Parameters. <i>Thrombosis and Haemostasis</i> , 2019, 119, 807-820.	1.8	15
23	Volumetric versus single slice measurements of core abdominal muscle for sarcopenia. <i>British Journal of Radiology</i> , 2019, 92, 20180434.	1.0	14
24	Interleukin-6 Receptor Signaling and Abdominal Aortic Aneurysm Growth Rates. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002413.	1.6	46
25	TRPC5 ion channel permeation promotes weight gain in hypercholesterolaemic mice. <i>Scientific Reports</i> , 2019, 9, 773.	1.6	5
26	Comment on "Dedicated Research Time During Surgery Residency Associated With Surgeons' Future Career Paths?: A National Study". <i>Annals of Surgery</i> , 2019, 270, e134-e135.	2.1	0
27	Progressive Development of Aberrant Smooth Muscle Cell Phenotype in Abdominal Aortic Aneurysm Disease. <i>Journal of Vascular Research</i> , 2018, 55, 35-46.	0.6	40
28	ORAI Channels as Potential Therapeutic Targets in Pulmonary Hypertension. <i>Physiology</i> , 2018, 33, 261-268.	1.6	15
29	Modelling the growth of popliteal artery aneurysms. <i>British Journal of Surgery</i> , 2018, 105, 1749-1752.	0.1	8
30	Influences of clinical experience in the quantification of morphometric sarcopaenia: a cohort study. <i>British Journal of Radiology</i> , 2018, 91, 20180067.	1.0	7
31	Meta-Analysis of Genome-Wide Association Studies for Abdominal Aortic Aneurysm Identifies Four New Disease-Specific Risk Loci. <i>Circulation Research</i> , 2017, 120, 341-353.	2.0	166
32	Picomolar, selective, and subtype-specific small-molecule inhibition of TRPC1/4/5 channels. <i>Journal of Biological Chemistry</i> , 2017, 292, 8158-8173.	1.6	77
33	Piezo1 channels sense whole body physical activity to reset cardiovascular homeostasis and enhance performance. <i>Nature Communications</i> , 2017, 8, 350.	5.8	197
34	Inhibition of plasmin-mediated TAFI activation may affect development but not progression of abdominal aortic aneurysms. <i>PLoS ONE</i> , 2017, 12, e0177117.	1.1	4
35	Aspirin therapy is associated with less compact fibrin networks and enhanced fibrinolysis in patients with abdominal aortic aneurysm. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, 795-801.	1.9	14
36	Orai3 Surface Accumulation and Calcium Entry Evoked by Vascular Endothelial Growth Factor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1987-1994.	1.1	27

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37	Statins: The Holy Grail of Abdominal Aortic Aneurysm (AAA) Growth Attenuation? A Systematic Review of the Literature. <i>Current Vascular Pharmacology</i> , 2014, 12, 168-172.	0.8	22
38	The alpha-2-antiplasmin Arg407Lys polymorphism is associated with Abdominal Aortic Aneurysm. <i>Thrombosis Research</i> , 2014, 134, 723-728.	0.8	10
39	Clinical Assessment of Patients with Peripheral Arterial Disease. <i>Seminars in Interventional Radiology</i> , 2014, 31, 292-299.	0.3	39
40	Cardiovascular risk in patients with small and medium abdominal aortic aneurysms, and no history of cardiovascular disease. <i>British Journal of Surgery</i> , 2014, 101, 1238-1243.	0.1	16
41	External iliac artery endofibrosis in an amateur runner. <i>Vascular Medicine</i> , 2014, 19, 419-420.	0.8	4
42	Primary care trust commissioning of varicose vein intervention – New guidance needed?. <i>Phlebology</i> , 2014, 29, 505-510.	0.6	2
43	Restoring Akt1 Activity in Outgrowth Endothelial Cells From South Asian Men Rescues Vascular Reporative Potential. <i>Stem Cells</i> , 2014, 32, 2714-2723.	1.4	18
44	Piezol1 integration of vascular architecture with physiological force. <i>Nature</i> , 2014, 515, 279-282.	13.7	813
45	Carotid-femoral pulse wave velocity is negatively correlated with aortic diameter. <i>Hypertension Research</i> , 2014, 37, 926-932.	1.5	23
46	Significance of store operated calcium entry in human abdominal aortic aneurysm vascular smooth muscle cells (1057.3). <i>FASEB Journal</i> , 2014, 28, 1057.3.	0.2	0
47	Exploring smooth muscle phenotype and function in a bioreactor model of abdominal aortic aneurysm. <i>Journal of Translational Medicine</i> , 2013, 11, 208.	1.8	53
48	Regarding –Quality of vascular surgery Web sites on the Internet–. <i>Journal of Vascular Surgery</i> , 2013, 57, 1176-1177.	0.6	1
49	Target setting for elective infra-renal AAA surgery: A single mortality figure?. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2013, 11, 191-198.	0.8	1
50	Plasma thrombin-antithrombin complex, prothrombin fragments 1 and 2, and D-dimer levels –are elevated after endovascular but not open repair of infrarenal abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , 2013, 57, 1512-1518.	0.6	21
51	Cysts and Swellings: A Systematic Review of the Association Between Polycystic Kidney Disease and Abdominal Aortic Aneurysm. <i>Annals of Vascular Surgery</i> , 2013, 27, 123-128.	0.4	15
52	Meta-analysis of prospective trials determining the short- and mid-term effect of elective open and endovascular repair of abdominal aortic aneurysms on quality of life. <i>British Journal of Surgery</i> , 2013, 100, 448-455.	0.1	36
53	Large thoraco-abdominal aneurysm in a 3-year-old boy with tuberous sclerosis. <i>Vascular Medicine</i> , 2013, 18, 147-148.	0.8	3
54	Early re-presentations and the potential role of catheter-directed thrombolysis in patients diagnosed with a lower limb deep vein thrombosis: a single-centre experience. <i>Phlebology</i> , 2013, 28, 404-408.	0.6	1

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55	Modeling the Growth of Infrarenal Abdominal Aortic Aneurysms. <i>Aorta</i> , 2013, 1, 268-273.	0.1	8
56	Aberrant medial sural artery causing popliteal vein entrapment syndrome. <i>Phlebology</i> , 2012, 27, 93-95.	0.6	2
57	Spontaneous aortic dissection within an infrarenal AAA. <i>Vascular Medicine</i> , 2012, 17, 424-426.	0.8	0
58	Quality and readability of online patient information for abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2012, 56, 21-26.	0.6	38
59	Calcium channel blockers enhance sac shrinkage after endovascular aneurysm repair. <i>Journal of Vascular Surgery</i> , 2012, 55, 1593-1599.	0.6	17
60	Essential statistics for the clinician. <i>Surgery</i> , 2012, 30, 442-446.	0.1	0
61	Pulse wave velocity and the non-invasive methods used to assess it: Complior, SphygmoCor, Arteriograph and Vicorder. <i>Vascular</i> , 2012, 20, 342-349.	0.4	42
62	Toe Amputation: A predictor of future limb loss?. <i>Journal of Diabetes and Its Complications</i> , 2012, 26, 251-254.	1.2	16
63	Ischemic Skin Ulceration Complicating Glue Embolization of Type II Endoleak after Endovascular Aneurysm Repair. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 163-167.	0.2	15
64	Drs. Bailey et al respond. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 1057-1058.	0.2	1
65	Internal iliac artery pseudoaneurysm in an infant following bone marrow trephine biopsy. <i>British Journal of Haematology</i> , 2011, 153, 1-1.	1.2	4
66	Endovascular Abdominal Aortic Aneurysm Repair Complicated by Spondylodiscitis. <i>EJVES Extra</i> , 2011, 22, e19-e21.	0.1	3
67	Systematic review and meta-analysis of the effects of statin therapy on abdominal aortic aneurysms ( <i>Br J Surg</i> 2011; 98: 362-353). <i>British Journal of Surgery</i> , 2011, 98, 744-745.	0.1	3
68	Images in vascular medicine. <i>Vascular Medicine</i> , 2011, 16, 215-216.	0.8	8
69	Images in vascular medicine. <i>Vascular Medicine</i> , 2011, 16, 159-160.	0.8	1
70	A Systematic Review of the Methodology Employed to Calculate Abdominal Aortic Aneurysm Growth Rate. <i>Ultrasound</i> , 2011, 19, 197-202.	0.3	1
71	Resolution of Saphenous Vein Graft Stenosis with Exercise: A Case Report. <i>EJVES Extra</i> , 2009, 18, 32-34.	0.1	0
72	The right vertebral artery arising as a branch of the right internal carotid artery: report of a rare case. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 819-821.	0.6	5

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73	Lateral External Carotid Artery: Implications for the Vascular Surgeon. EJVES Extra, 2007, 14, 22-24.	0.1	5
74	3D Ultrasound Measurements Are Highly Sensitive to Monitor Formation and Progression of Abdominal Aortic Aneurysms in Mouse Models. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	2