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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	Piezo1 integration of vascular architecture with physiological force. <i>Nature</i> , 2014, 515, 279-282.	13.7	813
2	Piezo1 channels sense whole body physical activity to reset cardiovascular homeostasis and enhance performance. <i>Nature Communications</i> , 2017, 8, 350.	5.8	197
3	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
4	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
5	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
6	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
7	Interleukin-6 Receptor Signaling and Abdominal Aortic Aneurysm Growth Rates. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002413.	1.6	46
8	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
9	Orai1 Channel Inhibition Preserves Left Ventricular Systolic Function and Normal Ca ²⁺ Handling After Pressure Overload. <i>Circulation</i> , 2020, 141, 199-216.	1.6	42
10	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
11	Clinical Assessment of Patients with Peripheral Arterial Disease. <i>Seminars in Interventional Radiology</i> , 2014, 31, 292-299.	0.3	39
12	Quality and readability of online patient information for abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2012, 56, 21-26.	0.6	38
13	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
14	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
15	Histone citrullination as a novel biomarker and target to inhibit progression of abdominal aortic aneurysms. <i>Translational Research</i> , 2021, 233, 32-46.	2.2	32
16	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
17	Carotid-femoral pulse wave velocity is negatively correlated with aortic diameter. <i>Hypertension Research</i> , 2014, 37, 926-932.	1.5	23
18	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

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19	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
20	ORAI1 Ca ²⁺ Channel as a Therapeutic Target in Pathological Vascular Remodelling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 653812.	1.8	19
21	Restoring Akt1 Activity in Outgrowth Endothelial Cells From South Asian Men Rescues Vascular Reparative Potential. <i>Stem Cells</i> , 2014, 32, 2714-2723.	1.4	18
22	Cell proliferation detected using [18F]FLT PET/CT as an early marker of abdominal aortic aneurysm. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1961-1971.	1.4	18
23	Calcium channel blockers enhance sac shrinkage after endovascular aneurysm repair. <i>Journal of Vascular Surgery</i> , 2012, 55, 1593-1599.	0.6	17
24	Toe Amputation: A predictor of future limb loss?. <i>Journal of Diabetes and Its Complications</i> , 2012, 26, 251-254.	1.2	16
25	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
26	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
27	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
28	ORAI Channels as Potential Therapeutic Targets in Pulmonary Hypertension. <i>Physiology</i> , 2018, 33, 261-268.	1.6	15
29	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
30	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
31	Volumetric versus single slice measurements of core abdominal muscle for sarcopenia. <i>British Journal of Radiology</i> , 2019, 92, 20180434.	1.0	14
32	The alpha-2-antiplasmin Arg407Lys polymorphism is associated with Abdominal Aortic Aneurysm. <i>Thrombosis Research</i> , 2014, 134, 723-728.	0.8	10
33	Elimination of fibrin γ -chain cross-linking by FXIIIa increases pulmonary embolism arising from murine inferior vena cava thrombi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2103226118.	3.3	10
34	Role of MicroRNA-145 in DNA Damage Signalling and Senescence in Vascular Smooth Muscle Cells of Type 2 Diabetic Patients. <i>Cells</i> , 2021, 10, 919.	1.8	9
35	Images in vascular medicine. <i>Vascular Medicine</i> , 2011, 16, 215-216.	0.8	8
36	Modeling the Growth of Infrarenal Abdominal Aortic Aneurysms. <i>Aorta</i> , 2013, 1, 268-273.	0.1	8

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37	Modelling the growth of popliteal artery aneurysms. <i>British Journal of Surgery</i> , 2018, 105, 1749-1752.	0.1	8
38	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
39	A methodological framework for AI-assisted diagnosis of active aortitis using radiomic analysis of FDG PET-CT images: Initial analysis. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3315-3331.	1.4	7
40	Lateral External Carotid Artery: Implications for the Vascular Surgeon. <i>EJVES Extra</i> , 2007, 14, 22-24.	0.1	5
41	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
42	TRPC5 ion channel permeation promotes weight gain in hypercholesterolaemic mice. <i>Scientific Reports</i> , 2019, 9, 773.	1.6	5
43	Prospect of positron emission tomography for abdominal aortic aneurysm risk stratification. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2272-2282.	1.4	5
44	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
45	External iliac artery endofibrosis in an amateur runner. <i>Vascular Medicine</i> , 2014, 19, 419-420.	0.8	4
46	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
47	Endovascular Abdominal Aortic Aneurysm Repair Complicated by Spondylodiscitis. <i>EJVES Extra</i> , 2011, 22, e19-e21.	0.1	3
48	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
49	Large thoraco-abdominal aneurysm in a 3-year-old boy with tuberous sclerosis. <i>Vascular Medicine</i> , 2013, 18, 147-148.	0.8	3
50	The role of cardiopulmonary exercise testing and echocardiography prior to elective endovascular aneurysm repair. <i>Annals of the Royal College of Surgeons of England</i> , 2020, 102, 383-390.	0.3	3
51	Imaging Biological Pathways in Abdominal Aortic Aneurysms Using Positron Emission Tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1596-1606.	1.1	3
52	Aberrant medial sural artery causing popliteal vein entrapment syndrome. <i>Phlebology</i> , 2012, 27, 93-95.	0.6	2
53	Primary care trust commissioning of varicose vein intervention - New guidance needed?. <i>Phlebology</i> , 2014, 29, 505-510.	0.6	2
54	High-Frequency Three-Dimensional Lumen Volume Ultrasound Is a Sensitive Method to Detect Early Aneurysmal Change in Elastase-Induced Murine Abdominal Aortic Aneurysm. <i>Aorta</i> , 2021, 09, 215-220.	0.1	2

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55	3D Ultrasound Measurements Are Highly Sensitive to Monitor Formation and Progression of Abdominal Aortic Aneurysms in Mouse Models. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	2
56	Drs. Bailey et al respond. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 1057-1058.	0.2	1
57	Images in vascular medicine. <i>Vascular Medicine</i> , 2011, 16, 159-160.	0.8	1
58	A Systematic Review of the Methodology Employed to Calculate Abdominal Aortic Aneurysm Growth Rate. <i>Ultrasound</i> , 2011, 19, 197-202.	0.3	1
59	Regarding "Quality of vascular surgery Web sites on the Internet" <i>Journal of Vascular Surgery</i> , 2013, 57, 1176-1177.	0.6	1
60	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
61	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
62	Radionuclide molecular imaging of abdominal aortic aneurysms for risk stratification and non-invasive therapy assessment. <i>Clinical and Translational Medicine</i> , 2021, 11, e386.	1.7	1
63	Absence of association between host genetic mutations in the ORAI1 gene and COVID-19 fatality. <i>PLoS ONE</i> , 2022, 17, e0263303.	1.1	1
64	Resolution of Saphenous Vein Graft Stenosis with Exercise: A Case Report. <i>EJVES Extra</i> , 2009, 18, 32-34.	0.1	0
65	Spontaneous aortic dissection within an infrarenal AAA. <i>Vascular Medicine</i> , 2012, 17, 424-426.	0.8	0
66	Essential statistics for the clinician. <i>Surgery</i> , 2012, 30, 442-446.	0.1	0
67	Comment on "Does 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
68	The abdominal waist circumference and 4-year outcomes following peripheral bypass grafting. <i>International Angiology</i> , 2021, 40, 213-221.	0.4	0
69	[18F]Fluorothymidine Uptake in the Porcine Pancreatic Elastase-Induced Model of Abdominal Aortic Aneurysm. <i>Journal of Imaging</i> , 2021, 7, 130.	1.7	0
70	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
71	Symptom relief in patients undergoing endovascular management of chronic mesenteric ischemia. <i>International Angiology</i> , 2020, 38, 466-473.	0.4	0
72	Preservation of Smooth Muscle Cell Integrity and Function: A Target for Limiting Abdominal Aortic Aneurysm Expansion?. <i>Cells</i> , 2022, 11, 1043.	1.8	0

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73	New Measures, Old Conclusions: Obesity Does Not Worsen Outcomes after Elective Abdominal Aortic Aneurysm Repair. <i>Aorta</i> , 2022, 10, 020-025.	0.1	0
74	Comparison of Four Mouse Models for Abdominal Aortic Aneurysm by 3D Ultrasound. <i>Aorta</i> , 2022, , .	0.1	0