

Peter R Nelson

List of Publications by Year in descending order

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78
papers

2,353
citations

201674

27
h-index

214800

47
g-index

79
all docs

79
docs citations

79
times ranked

2022
citing authors

#	ARTICLE	IF	CITATIONS
1	Total percutaneous access for endovascular aortic aneurysm repair (â€œPrecloseâ€ technique). Journal of Vascular Surgery, 2007, 45, 1095-1101.	1.1	227
2	A multicenter, randomized, controlled trial of totally percutaneous access versus open femoral exposure for endovascular aortic aneurysm repair (the PEVAR trial). Journal of Vascular Surgery, 2014, 59, 1181-1193.	1.1	222
3	Midterm outcomes of femoral arteries after percutaneous endovascular aortic repair using the Preclose technique. Journal of Vascular Surgery, 2008, 47, 919-923.	1.1	162
4	Enhancement of Migration by Protein Kinase C β and Inhibition of Proliferation and Cell Cycle Progression by Protein Kinase C γ in Capillary Endothelial Cells. Journal of Biological Chemistry, 1997, 272, 7390-7397.	3.4	117
5	Early results of external iliac artery stenting combined with common femoral artery endarterectomy. Journal of Vascular Surgery, 2002, 35, 1107-1113.	1.1	113
6	Smooth muscle cell migration and proliferation are mediated by distinct phases of activation of the intracellular messenger mitogen-activated protein kinase. Journal of Vascular Surgery, 1998, 27, 117-125.	1.1	104
7	Outcome after hypogastric artery bypass and embolization during endovascular aneurysm repair. Journal of Vascular Surgery, 2006, 44, 1162-1168.	1.1	90
8	Differential effects of platelet-derived growth factor isoforms on human smooth muscle cell proliferation and migration are mediated by distinct signaling pathways. Surgery, 1996, 120, 427-432.	1.9	70
9	Emerging National Trends in the Management and Outcomes of Lower Extremity Peripheral Arterial Disease. Annals of Vascular Surgery, 2011, 25, 44-54.	0.9	69
10	Acute Pagetâ€™Schroetter Syndrome: Does the First Rib Routinely Need to Be Removed after Thrombolysis?. Annals of Vascular Surgery, 2015, 29, 1073-1077.	0.9	61
11	Blinded comparison of preoperative duplex ultrasound scanning and contrast arteriography for planning revascularization at the level of the tibia. Journal of Vascular Surgery, 2003, 37, 1186-1190.	1.1	60
12	Extracellular matrix proteins are potent agonists of human smooth muscle cell migration. Journal of Vascular Surgery, 1996, 24, 25-33.	1.1	59
13	The Midterm Results of Stent Graft Treatment of Thoracic Aortic Injuries. Journal of Surgical Research, 2007, 138, 181-188.	1.6	59
14	Early results of infragenicular revascularization based solely on duplex arteriography. Journal of Vascular Surgery, 2001, 33, 1165-1170.	1.1	45
15	Platelet-derived growth factor and extracellular matrix proteins provide a synergistic stimulus for human vascular smooth muscle cell migration. Journal of Vascular Surgery, 1997, 26, 104-112.	1.1	44
16	The role of integrins in saphenous vein vascular smooth muscle cell migration. Journal of Vascular Surgery, 1997, 25, 1061-1069.	1.1	43
17	Perioperative differences between endovascular repair of thoracic and abdominal aortic diseases. Journal of Vascular Surgery, 2007, 45, 86-89.	1.1	43
18	Role of Protein Kinase C in Attachment, Spreading, and Migration of Human Endothelial Cells. Journal of Surgical Research, 1996, 63, 349-354.	1.6	40

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19	Hand-assisted laparoscopic aortobifemoral bypass grafting. <i>Journal of Vascular Surgery</i> , 2000, 31, 1142-1148.	1.1	40
20	Comparison of Outcomes of Percutaneous Arteriovenous Fistulae Creation by Ellipsys and WavelinQ Devices. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 1365-1372.	0.5	39
21	The advent of thoracic endovascular aortic repair is associated with broadened treatment eligibility and decreased overall mortality in traumatic thoracic aortic injury. <i>Journal of Vascular Surgery</i> , 2011, 53, 36-43.	1.1	37
22	Pedal branch artery bypass: A viable limb salvage option. <i>Journal of Vascular Surgery</i> , 2000, 32, 1071-1079.	1.1	35
23	Prescribing Patterns of Antiplatelet Agents Are Highly Variable After Lower Extremity Endovascular Procedures. <i>Annals of Vascular Surgery</i> , 2013, 27, 62-67.	0.9	35
24	Temporal evolution of gene expression in rat carotid artery following balloon angioplasty. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 399-410.	2.6	34
25	Impact of an Absorbent Silver-Eluting Dressing System on Lower Extremity Revascularization Wound Complications. <i>Annals of Vascular Surgery</i> , 2007, 21, 598-602.	0.9	32
26	Immobilization of Human Thrombomodulin to Expanded Polytetrafluoroethylene. <i>Journal of Surgical Research</i> , 2002, 105, 200-208.	1.6	27
27	Recombinant human thrombomodulin inhibits arterial neointimal hyperplasia after balloon injury. <i>Journal of Vascular Surgery</i> , 2004, 39, 1074-1083.	1.1	27
28	Activation of pp60c-src is necessary for human vascular smooth muscle cell migration. <i>Surgery</i> , 1997, 122, 138-145.	1.9	26
29	Comparison of the integrated vascular surgery resident operative experience and the traditional vascular surgery fellowship. <i>Journal of Vascular Surgery</i> , 2017, 66, 307-310.	1.1	26
30	Effect of Cilostazol Prescribed in a Pragmatic Treatment Program for Intermittent Claudication. <i>Vascular and Endovascular Surgery</i> , 2014, 48, 224-229.	0.7	25
31	Frailty Syndrome in Patients with Carotid Disease: Simplifying How We Calculate Frailty. <i>Annals of Vascular Surgery</i> , 2020, 62, 159-165.	0.9	22
32	Results of endovascular superficial femoral endarterectomy. <i>Journal of Vascular Surgery</i> , 2001, 34, 526-531.	1.1	21
33	Aggressive Costoclavicular Junction Decompression in Patients with Threatened AV Access. <i>Annals of Vascular Surgery</i> , 2015, 29, 698-703.	0.9	20
34	Intracellular calcium transients are necessary for platelet-derived growth factor but not extracellular matrix protein-induced vascular smooth muscle cell migration. <i>Journal of Vascular Surgery</i> , 2004, 40, 351-358.	1.1	16
35	Laparoscopic Repair of a Type II Endoleak. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2006, 16, 267-270.	1.0	15
36	Vena Cava Filter Practices of a Regional Vascular Surgery Society. <i>Annals of Vascular Surgery</i> , 2012, 26, 630-635.	0.9	15

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37	Safety of elective management of synchronous aortic disease with simultaneous thoracic and aortic stent graft placement. <i>Journal of Vascular Surgery</i> , 2012, 56, 957-964.e1.	1.1	15
38	Endovascular Treatment Of Popliteal Artery Aneurysms. <i>Vascular</i> , 2006, 14, 297-304.	0.9	14
39	Racial and ethnic disparities in lower extremity amputation: Assessing the role of frailty in older adults. <i>Surgery</i> , 2020, 168, 1075-1078.	1.9	14
40	The effect of endothelial cell overexpression of plasminogen activator inhibitor-1 on smooth muscle cell migration. <i>Journal of Vascular Surgery</i> , 2002, 36, 164-171.	1.1	13
41	Functional Outcome After Redo Belowâ€œKnee Amputation. <i>World Journal of Surgery</i> , 2008, 32, 1823-1826.	1.6	13
42	Systemic inflammation as a predictor of clinical outcomes after lower extremity angioplasty/stenting. <i>Journal of Vascular Surgery</i> , 2016, 64, 766-778.e5.	1.1	13
43	Avoiding hemodialysis accessâ€œinduced distal ischemia. <i>Journal of Vascular Access</i> , 2021, 22, 786-794.	0.9	13
44	Open abdominal surgical training differences experienced by integrated vascular and general surgery residents. <i>Journal of Vascular Surgery</i> , 2017, 66, 1280-1284.	1.1	11
45	Traumatized Residents â€œ It's Not Surgery. It's Medicine. <i>Journal of Surgical Education</i> , 2019, 76, e30-e40.	2.5	11
46	Genomic and proteomic determinants of lower extremity revascularization failure: Rationale and study design. <i>Journal of Vascular Surgery</i> , 2007, 45, A82-A91.	1.1	9
47	Impact of endograft design and product line on the device cost of endovascular aneurysm repair. <i>Journal of Vascular Surgery</i> , 2008, 47, 499-503.	1.1	9
48	The correlation between computed tomography and duplex evaluation of autogenous vein bypass grafts and their relationship to failure. <i>Journal of Vascular Surgery</i> , 2015, 62, 1546-1554.e1.	1.1	9
49	Traumatized attendings â€œ When the doctor has the disease. <i>American Journal of Surgery</i> , 2022, 223, 626-632.	1.8	8
50	Diagnosis and relining techniques for delayed type IIIB endoleaks with the second-generation AFX endograft. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2019, 5, 51-53.	0.6	7
51	Heterogeneous and dynamic lumen remodeling of the entire infrainguinal vein bypass grafts in patients. <i>Journal of Vascular Surgery</i> , 2020, 71, 1620-1628.e3.	1.1	7
52	Creating percutaneous radiocephalic arteriovenous fistulas at the wrist. <i>Journal of Vascular Access</i> , 2021, 22, 299-303.	0.9	7
53	Frailty Syndrome in Patients With Lower Extremity Amputation: Simplifying How We Calculate Frailty. <i>Journal of Surgical Research</i> , 2021, 263, 230-235.	1.6	7
54	Management of hyperlipidemia in patients with vascular disease. <i>Journal of Vascular Nursing</i> , 2003, 21, 63-67.	0.7	6

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55	Sheath-assisted controlled deployment technique for Excluder bifurcated main body. <i>Journal of Vascular Surgery</i> , 2006, 43, 1060-1063.	1.1	6
56	Microinjection of DNA into the Nuclei of Human Vascular Smooth Muscle Cells. <i>Journal of Surgical Research</i> , 2002, 106, 202-208.	1.6	5
57	Endovascular in Situ Bypass Decreases Morbidity and Hospital Stay following Infrainguinal Arterial Reconstruction. <i>Journal of Endovascular Therapy</i> , 2000, 7, 309-314.	1.5	4
58	Hyperacute Monocyte Gene Response Patterns Are Associated With Lower Extremity Vein Bypass Graft Failure. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001970.	3.6	4
59	Recruitment & Retainment of Vascular Surgeons: Prophylactic Measures to Improve the Current Workforce Crisis. <i>Annals of Vascular Surgery</i> , 2022, 85, 219-227.	0.9	4
60	Impact of Endovascular-assisted In Situ Saphenous Vein Bypass Technique on Hospital Costs. <i>Annals of Vascular Surgery</i> , 2001, 15, 653-660.	0.9	3
61	Thrombomodulin Induces a Quiescent Phenotype and Inhibits Migration in Vascular Smooth Muscle Cells In Vitro. <i>Annals of Vascular Surgery</i> , 2016, 30, 149-156.	0.9	3
62	The role of precision banding of arteriovenous fistulas in successful kidney transplant recipients. <i>Journal of Vascular Surgery</i> , 2020, 71, 719.	1.1	3
63	Focal adhesion kinase and Src mediate microvascular hyperpermeability caused by fibrinogen- β -terminal fragments. <i>PLoS ONE</i> , 2020, 15, e0231739.	2.5	3
64	Percutaneous Arteriovenous Fistula Creation. <i>Seminars in Vascular Surgery</i> , 2021, 34, 195-204.	2.8	3
65	Endovascular Management of Proximal Fixation Loss Using Parallel Stent Grafting Techniques to Preserve Visceral Flow. <i>Annals of Vascular Surgery</i> , 2017, 42, 169-175.	0.9	2
66	Recruitment of General Surgery Residents into Vascular Surgery. <i>Journal of Surgical Education</i> , 2022, 79, 165-172.	2.5	2
67	Endovascular In Situ Bypass Decreases Morbidity and Hospital Stay Following Infrainguinal Arterial Reconstruction. <i>Journal of Endovascular Therapy</i> , 2000, 7, 309-314.	1.5	2
68	Autogenous Vascular Access in American Indians. <i>Annals of Vascular Surgery</i> , 2022, 83, 108-116.	0.9	2
69	Creating reverse flow arteriovenous fistulas with a forearm cannulation target. <i>Journal of Vascular Access</i> , 2023, 24, 552-558.	0.9	1
70	SS11 Geometric Remodeling of Vein Bypass Grafts and the Impact on Graft Failure. <i>Journal of Vascular Surgery</i> , 2014, 59, 27S-28S.	1.1	0
71	VESS14. Aggressive Costoclavicular Junction Decompression in Patients With Threatened AV Access. <i>Journal of Vascular Surgery</i> , 2014, 59, 9S-10S.	1.1	0
72	Virtual roundtable on endovascular aortic aneurysm repair. <i>Seminars in Vascular Surgery</i> , 2016, 29, 1-2.	2.8	0

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73	Arterial Eversion Is a Safe Technique for Redo and Primary Carotid Endarterectomy. Journal of the American College of Surgeons, 2017, 225, S213-S214.	0.5	0
74	Timeline for Promotion/Overview of an Academic Career. Success in Academic Surgery, 2017, , 9-22.	0.1	0
75	Intervention and Control Groups. , 2017, , 21-28.		0
76	Subject Selection. , 2017, , 29-37.		0
77	The Research Question and the Hypothesis. , 2017, , 3-9.		0
78	Primary and Secondary Endpoints. , 2017, , 11-20.		0