Paula K Shireman

List of Publications by Year
in descending order

77 papers	2,990 citations	172386 29 h-index	168321 53 g-index
78 all docs	78 docs citations	78 times ranked	3851 citing authors

#	Article	IF	Citations
1	Association of Frailty and the Expanded Operative Stress Score with Preoperative Acute Serious Conditions, Complications, and Mortality in Males Compared to Females. Annals of Surgery, 2023, 277, e294-e304.	2.1	21
2	Association of Smoking With Postprocedural Complications Following Open and Endovascular Interventions for Intermittent Claudication. JAMA Cardiology, 2022, 7, 45.	3.0	19
3	Association of preoperative vein mapping with hemodialysis access characteristics and outcomes in the Vascular Quality Initiative. Journal of Vascular Surgery, 2022, 75, 1395-1402.e5.	0.6	3
4	Comparing Veterans Affairs and Private Sector Perioperative Outcomes After Noncardiac Surgery. JAMA Surgery, 2022, 157, 231.	2.2	24
5	Epidemiology of age-, sex-, and race-specific hospitalizations for abdominal aortic aneurysms highlights gaps in current screening recommendations. Journal of Vascular Surgery, 2022, 76, 1216-1226.e4.	0.6	8
6	The VA Vascular Injury Study: a glimpse at quality of care in Veterans with traumatic vascular injury repair. Injury, 2022, , .	0.7	0
7	Persistent Pain, Physical Dysfunction, and Decreased Quality of Life After Combat Extremity Vascular Trauma. Annals of Vascular Surgery, 2021, 71, 167-180.	0.4	4
8	Association of Socioeconomic Area Deprivation Index with Hospital Readmissions After Colon and Rectal Surgery. Journal of Gastrointestinal Surgery, 2021, 25, 795-808.	0.9	44
9	Quantifying The Costs of Creating and Maintaining Hemodialysis Access in An All-Payer Rate-Controlled Health System. Annals of Vascular Surgery, 2021, 76, 142-151.	0.4	2
10	The Correlation Between Case Total Work Relative Value Unit, Operative Stress, and Patient Frailty. Annals of Surgery, 2021, 274, 637-645.	2.1	8
11	Using the Unified Medical Language System to Expand the Operative Stress Score â€“ First Use Case. Journal of Surgical Research, 2021, 268, 552-561.	0.8	3
12	Association Between Patient Frailty and Postoperative Mortality Across Multiple Noncardiac Surgical Specialties. JAMA Surgery, 2021, 156, e205152.	2.2	53
13	Current status of patient-reported outcome measures in vascular surgery. Journal of Vascular Surgery, 2021, 74, 1693-1706.e1.	0.6	9
14	Current applications of artificial intelligence in vascular surgery. Seminars in Vascular Surgery, 2021, 34, 268-271.	1.1	13
15	Association of Preoperative Patient Frailty and Operative Stress With Postoperative Mortality. JAMA Surgery, 2020, 155, e194620.	2.2	186
16	Characteristics and Distribution of Extremity Vascular Injuries in a Wartime Military Cohort. Journal of Vascular Surgery, 2020, 72, e165-e166.	0.6	1
17	Association of Preoperative Frailty and Operative Stress With Mortality After Elective vs Emergency Surgery. JAMA Network Open, 2020, 3, e2010358.	2.8	38
18	Precision Health Analytics With Predictive Analytics and Implementation Research. Journal of the American College of Cardiology, 2020, 76, 306-320.	1.2	25

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19	Implications of Preoperative Patient Frailty on Stratified Postoperative Mortalityâ€"Reply. JAMA Surgery, 2020, 155, 670.	2.2	26
20	Patency of arterial repairs from wartime extremity vascular injuries. Trauma Surgery and Acute Care Open, 2020, 5, e000616.	0.8	5
21	Field testing and refining the hemodialysis access creation episode-based cost measure. Journal of Vascular Surgery, 2019, 69, 1643.	0.6	0
22	Hemodialysis access creation episode-based cost measure. Journal of Vascular Surgery, 2019, 69, 1322.	0.6	3
23	Deriving a Boolean dynamics to reveal macrophage activation with in vitro temporal cytokine expression profiles. BMC Bioinformatics, 2019, 20, 725.	1.2	12
24	Constructing cost measures for critical limb ischemia. Journal of Vascular Surgery, 2018, 67, 1627.	0.6	3
25	Accessing your Quality Payment Program feedback reports. Journal of Vascular Surgery, 2018, 68, 1954.	0.6	0
26	Improving pilot project application and review processes: A novel application of lean six sigma in translational science. Journal of Clinical and Translational Science, 2018, 2, 135-138.	0.3	6
27	Field testing for the critical limb ischemia cost measure. Journal of Vascular Surgery, 2018, 67, 1933.	0.6	4
28	What is an Advanced Alternative Payment Model?. Journal of Vascular Surgery, 2017, 66, 1299.	0.6	3
29	Improving Initiation and Tracking of Research Projects at an Academic Health Center: A Case Study. Evaluation and the Health Professions, 2017, 40, 372-379.	0.9	7
30	Dynamic macrophage polarization-specific miRNA patterns reveal increased soluble VEGF receptor 1 by miR-125a-5p inhibition. Physiological Genomics, 2016, 48, 345-360.	1.0	22
31	Absence of CCR2 results in an inflammaging environment in young mice with age-independent impairments in muscle regeneration. Journal of Leukocyte Biology, 2016, 100, 1011-1025.	1.5	16
32	Increased Adipocyte Area in Injured Muscle With Aging and Impaired Remodeling in Female Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 992-1004.	1.7	10
33	VA Vascular Injury Study (VAVIS): VA-DoD extremity injury outcomes collaboration. BMC Surgery, 2015, 15, 13.	0.6	6
34	Temporal phenotypic features distinguish polarized macrophagesin vitro. Autoimmunity, 2015, 48, 161-176.	1.2	68
35	Altered Macrophage Phenotype Transition Impairs Skeletal Muscle Regeneration. American Journal of Pathology, 2014, 184, 1167-1184.	1.9	170
36	MiR-351 transiently increases during muscle regeneration and promotes progenitor cell proliferation and survival upon differentiation. Physiological Genomics, 2012, 44, 1042-1051.	1.0	46

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37	Increased fat deposition in injured skeletal muscle is regulated by sex-specific hormones. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R331-R339.	0.9	23
38	Temporal microRNA expression during in vitro myogenic progenitor cell proliferation and differentiation: regulation of proliferation by miR-682. Physiological Genomics, 2011, 43, 621-630.	1.0	48
39	Mechanical Buckling of Veins Under Internal Pressure. Annals of Biomedical Engineering, 2010, 38, 1345-1353.	1.3	52
40	Crimson carrier, A longâ€acting contrast agent for in vivo nearâ€infrared imaging of injured and diseased muscle. Muscle and Nerve, 2010, 42, 245-251.	1.0	3
41	Regulation of skeletal muscle regeneration by CCR2-activating chemokines is directly related to macrophage recruitment. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R832-R842.	0.9	121
42	Near-Infrared Imaging of Injured Tissue in Living Subjects Using IR-820. Molecular Imaging, 2009, 8, 7290.2009.00005.	0.7	30
43	Bone marrowâ€derived cell regulation of skeletal muscle regeneration. FASEB Journal, 2009, 23, 382-395.	0.2	88
44	Reproducibility of quantitative RT-PCR array in miRNA expression profiling and comparison with microarray analysis. BMC Genomics, 2009, 10, 407.	1.2	271
45	Near-infrared imaging of injured tissue in living subjects using IR-820. Molecular Imaging, 2009, 8, 45-54.	0.7	11
46	Fat accumulation with altered inflammation and regeneration in skeletal muscle of CCR2â^'/â^' mice following ischemic injury. American Journal of Physiology - Cell Physiology, 2007, 292, C953-C967.	2.1	132
47	Chemokines and Diabetic Wound Healing. Vascular, 2007, 15, 350-355.	0.4	92
48	MCP-1 deficiency causes altered inflammation with impaired skeletal muscle regeneration. Journal of Leukocyte Biology, 2007, 81, 775-785.	1.5	184
49	Delayed angiogenesis and VEGF production in CCR2â^'/â^' mice during impaired skeletal muscle regeneration. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R651-R661.	0.9	139
50	The chemokine system in arteriogenesis and hind limb ischemia. Journal of Vascular Surgery, 2007, 45, A48-A56.	0.6	133
51	Oxidation and structural perturbation of redox-sensitive enzymes in injured skeletal muscle. Free Radical Biology and Medicine, 2007, 43, 1584-1593.	1.3	28
52	MCP-1 Parallels Inflammatory and Regenerative Responses in Ischemic Muscle. Journal of Surgical Research, 2006, 134, 145-157.	0.8	54
53	Glutathione-peroxidase-1 null muscle progenitor cells are globally defective. Free Radical Biology and Medicine, 2006, 41, 1174-1184.	1.3	50
54	Current Concepts in Diabetic Microvascular Dysfunction. Journal of the American Podiatric Medical Association, 2006, 96, 245-252.	0.2	20

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55	Healing of Transmetatarsal Amputation in the Diabetic Patient: Is Angiography Predictive?. Annals of Vascular Surgery, 2005, 19, 769-773.	0.4	39
56	Differential Necrosis Despite Similar Perfusion in Mouse Strains after Ischemia1. Journal of Surgical Research, 2005, 129, 242-250.	0.8	65
57	Outcomes following Distal Bypass Graft Occlusion in Diabetics. Annals of Vascular Surgery, 2003, 17, 670-675.	0.4	11
58	Does the Efficacy of Dorsalis Pedis Artery Bypasses Vary Among Diabetic Patients of Different Ethnic Backgrounds?. Vascular and Endovascular Surgery, 2002, 36, 207-212.	0.3	12
59	Angiographic scoring of vascular occlusive disease in the diabetic foot: Relevance to bypass graft patency and limb salvage. Journal of Vascular Surgery, 2002, 35, 494-500.	0.6	57
60	Does Lower Limb Revascularization Result in an Improvement in Sensory Perception Thresholds?. Annals of Vascular Surgery, 2002, 16, 309-313.	0.4	1
61	Early Duplex-derived Hemodynamic Parameters after Lower Extremity Bypass in Diabetics: Implications for Mid-term Outcomes. Annals of Vascular Surgery, 2002, 16, 601-607.	0.4	9
62	Major lower-extremity amputation: contemporary experience in a single Veterans Affairs institution. American Surgeon, 2002, 68, 606-10.	0.4	46
63	Noninvasive Localization of Infrainguinal Arterial Occlusive Disease in Diabetics. Annals of Vascular Surgery, 2001, 15, 73-78.	0.4	4
64	Ureteral Injury during Aortic Aneurysm Repair by the Retroperitoneal Approach. Annals of Vascular Surgery, 2001, 15, 481-484.	0.4	4
65	Noninvasive localization of infrainguinal arterial occlusive disease in diabetics. Annals of Vascular Surgery, 2001, 15, 73-78.	0.4	32
66	Lower Extremity Bypass Graft Revision in Diabetics. Vascular Surgery, 2001, 35, 369-377.	0.3	4
67	Changing Pattern of Access Site Complications with the Use of Percutaneous Closure Devices. Vascular Surgery, 2001, 35, 203-206.	0.3	23
68	The Cysteine-Free Fibroblast Growth Factor 1 Mutant Induces Heparin-Independent Proliferation of Endothelial Cells and Smooth Muscle Cells. Journal of Surgical Research, 2000, 92, 255-260.	0.8	18
69	Mitogenicity and release of vascular endothelial growth factor with and without heparin from fibrin glue. Journal of Vascular Surgery, 2000, 31, 936-943.	0.6	22
70	The S130K fibroblast growth factorâ€“1 mutant induces heparin-independent proliferation and is resistant to thrombin degradation in fibrin glue. Journal of Vascular Surgery, 2000, 31, 382-390.	0.6	27
71	Modulation of vascular cell growth kinetics by local cytokine delivery from fibrin glue suspensions. Journal of Vascular Surgery, 1999, 29, 852-862.	0.6	32
72	Treatment of venous malformations by direct injection with ethanol. Journal of Vascular Surgery, 1997, 26, 838-844.	0.6	53

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73	Elevations of tissue-type plasminogen activator and differential expression of urokinase-type plasminogen activator in diseased aorta. Journal of Vascular Surgery, 1997, 25, 157-164.	0.6	40
74	Elevated levels of plasminogen-activator inhibitor type 1 in atherosclerotic aorta. Journal of Vascular Surgery, 1996, 23, 810-818.	0.6	26
75	Plasminogen activator levels are influenced by location and varicosity in greater saphenous vein. Journal of Vascular Surgery, 1996, 24, 719-724.	0.6	21
76	Endothelial cell function: biologic and physiologic functions in health and disease.. American Journal of Roentgenology, 1996, 166, 7-13.	1.0	32
77	Surgical management of atheroembolization. Journal of Vascular Surgery, 1995, 21, 773-781.	0.6	65