

Melina R Kibbe

List of Publications by Citations

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286
papers

6,853
citations

42
h-index

71
g-index

363
ext. papers

8,053
ext. citations

5.4
avg, IF

6.17
L-index

#	Paper	IF	Citations
286	Iliac vein compression in an asymptomatic patient population. <i>Journal of Vascular Surgery</i> , 2004 , 39, 937-43	3.3	365
285	Treadmill exercise and resistance training in patients with peripheral arterial disease with and without intermittent claudication: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 165-74	27.4	297
284	Critical limb ischemia. <i>Journal of Vascular Surgery</i> , 2010 , 51, 230-41	3.5	237
283	Efficient inhibition of intimal hyperplasia by adenovirus-mediated inducible nitric oxide synthase gene transfer to rats and pigs in vivo. <i>Journal of the American College of Surgeons</i> , 1998 , 187, 295-306	4.4	198
282	Home-based walking exercise intervention in peripheral artery disease: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 57-65	27.4	190
281	Opinion: Sex inclusion in basic research drives discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 5257-8	11.5	142
280	A randomized, controlled pilot study of autologous CD34+ cell therapy for critical limb ischemia. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 821-30	6	132
279	Sex bias exists in basic science and translational surgical research. <i>Surgery</i> , 2014 , 156, 508-16	3.6	128
278	Six-minute walk is a better outcome measure than treadmill walking tests in therapeutic trials of patients with peripheral artery disease. <i>Circulation</i> , 2014 , 130, 61-8	16.7	118
277	Percutaneous repair of abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , 2004 , 40, 12-6	3.5	115
276	Nitric oxide and nanotechnology: a novel approach to inhibit neointimal hyperplasia. <i>Journal of Vascular Surgery</i> , 2008 , 47, 173-82	3.5	108
275	Inducible nitric oxide synthase (iNOS) expression upregulates p21 and inhibits vascular smooth muscle cell proliferation through p42/44 mitogen-activated protein kinase activation and independent of p53 and cyclic guanosine monophosphate. <i>Journal of Vascular Surgery</i> , 2000 , 31, 1214-28	3.5	103
274	Modified prosthetic vascular conduits. <i>Circulation</i> , 2008 , 117, 1873-82	16.7	100
273	Effect of a Home-Based Exercise Intervention of Wearable Technology and Telephone Coaching on Walking Performance in Peripheral Artery Disease: The HONOR Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 1665-1676	27.4	95
272	The role of nitric oxide in the pathophysiology of intimal hyperplasia. <i>Journal of Vascular Surgery</i> , 2007 , 45 Suppl A, A64-73	3.5	83
271	Corridor-based functional performance measures correlate better with physical activity during daily life than treadmill measures in persons with peripheral arterial disease. <i>Journal of Vascular Surgery</i> , 2008 , 48, 1231-7, 1237.e1	3.5	82
270	Early results with use of gracilis muscle flap coverage of infected groin wounds after vascular surgery. <i>Journal of Vascular Surgery</i> , 2004 , 39, 1277-83	3.5	82

269	Engineering biodegradable polyester elastomers with antioxidant properties to attenuate oxidative stress in tissues. <i>Biomaterials</i> , 2014 , 35, 8113-22	15.6	79
268	Modulating Expanded Polytetrafluoroethylene Vascular Graft Host Response via Citric Acid-Based Biodegradable Elastomers. <i>Advanced Materials</i> , 2006 , 18, 1493-1498	24	78
267	Adenovirus-mediated gene transfer of human inducible nitric oxide synthase in porcine vein grafts inhibits intimal hyperplasia. <i>Journal of Vascular Surgery</i> , 2001 , 34, 156-65	3.5	77
266	Secondary infections of thoracic and abdominal aortic endografts. <i>Journal of Vascular and Interventional Radiology</i> , 2009 , 20, 173-9	2.4	73
265	Shape-Dependent Targeting of Injured Blood Vessels by Peptide Amphiphile Supramolecular Nanostructures. <i>Small</i> , 2015 , 11, 2750-5	11	65
264	Evaluation of hyperspectral technology for assessing the presence and severity of peripheral artery disease. <i>Journal of Vascular Surgery</i> , 2011 , 54, 1679-88	3.5	65
263	Beneficial effect of a short-acting NO donor for the prevention of neointimal hyperplasia. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 73-81	7.8	61
262	Tissue-Factor Targeted Peptide Amphiphile Nanofibers as an Injectable Therapy To Control Hemorrhage. <i>ACS Nano</i> , 2016 , 10, 899-909	16.7	58
261	Nitric oxide induces angiogenesis and upregulates alpha(v)beta(3) integrin expression on endothelial cells. <i>Microvascular Research</i> , 2000 , 60, 269-80	3.7	56
260	Women with peripheral arterial disease experience faster functional decline than men with peripheral arterial disease. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 707-14	15.1	55
259	Home-based walking exercise in peripheral artery disease: 12-month follow-up of the GOALS randomized trial. <i>Journal of the American Heart Association</i> , 2014 , 3, e000711	6	54
258	Determining If Sex Bias Exists in Human Surgical Clinical Research. <i>JAMA Surgery</i> , 2016 , 151, 1022-1030	5.4	54
257	Nitric oxide regulates the 26S proteasome in vascular smooth muscle cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2009 , 20, 279-88	5	53
256	Characterization of Mentorship Programs in Departments of Surgery in the United States. <i>JAMA Surgery</i> , 2016 , 151, 900-906	5.4	53
255	Isolated gastrocnemius and soleal vein thrombosis: should these patients receive therapeutic anticoagulation?. <i>Annals of Surgery</i> , 2010 , 251, 735-42	7.8	50
254	Duplex ultrasound remains a reliable test even after carotid stenting. <i>Annals of Vascular Surgery</i> , 2005 , 19, 793-7	1.7	49
253	Nitric oxide inhibits vascular smooth muscle cell proliferation and neointimal hyperplasia by increasing the ubiquitination and degradation of UbcH10. <i>Cell Biochemistry and Biophysics</i> , 2011 , 60, 89-97	3.2	48
252	Peripheral arterial disease in women. <i>Journal of Vascular Surgery</i> , 2013 , 57, 18S-26S	3.5	47

251	Gene therapy for restenosis. <i>Circulation Research</i> , 2000 , 86, 829-33	15.7	47
250	Bare metal stent infections: case report and review of the literature. <i>Journal of Vascular Surgery</i> , 2007 , 46, 813-20	3.5	45
249	Nitric oxide-releasing fabrics and other acrylonitrile-based diazeniumdiolates. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3786-7	16.4	44
248	Aneurysms of the carotid artery. <i>Seminars in Vascular Surgery</i> , 2005 , 18, 178-83	1.2	44
247	Targeted Nitric Oxide Delivery by Supramolecular Nanofibers for the Prevention of Restenosis After Arterial Injury. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 401-18	8.4	42
246	Isopropylamine NONOate (IPA/NO) moderates neointimal hyperplasia following vascular injury. <i>Journal of Vascular Surgery</i> , 2010 , 51, 1248-59	3.5	42
245	Recruiting women to vascular surgery and other surgical specialties. <i>Journal of Vascular Surgery</i> , 2013 , 57, 262-7	3.5	41
244	Women and peripheral arterial disease. <i>Women's Health</i> , 2009 , 5, 669-83	3	41
243	Effect of Granulocyte-Macrophage Colony-Stimulating Factor With or Without Supervised Exercise on Walking Performance in Patients With Peripheral Artery Disease: The PROPEL Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 2089-2098	27.4	40
242	Local adenoviral-mediated inducible nitric oxide synthase gene transfer inhibits neointimal formation in the porcine coronary stented model. <i>Molecular Therapy</i> , 2003 , 7, 597-603	11.7	39
241	Effect of Low-Intensity vs High-Intensity Home-Based Walking Exercise on Walk Distance in Patients With Peripheral Artery Disease: The LITE Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 1266-1276	27.4	39
240	An evaluation of gender and racial disparity in the decision to treat surgically arterial disease. <i>Journal of Vascular Surgery</i> , 2009 , 50, 1340-7	3.5	38
239	Effect of Resveratrol on Walking Performance in Older People With Peripheral Artery Disease: The RESTORE Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2017 , 2, 902-907	16.2	37
238	Basic science review: nitric oxide--releasing prosthetic materials. <i>Vascular and Endovascular Surgery</i> , 2009 , 43, 121-31	1.4	36
237	Physical activity during daily life and brachial artery flow-mediated dilation in peripheral arterial disease. <i>Vascular Medicine</i> , 2009 , 14, 193-201	3.3	36
236	Endovascular repair of blunt traumatic thoracic aortic injuries: seven-year single-center experience. <i>Archives of Surgery</i> , 2010 , 145, 679-83		35
235	Late abdominal aortic endograft explants: indications and outcomes. <i>Surgery</i> , 2011 , 150, 788-95	3.6	34
234	Blunt traumatic aortic transection: endoluminal repair with commercially available aortic cuffs. <i>Journal of Vascular Surgery</i> , 2003 , 38, 1132-5	3.5	34

233	Regulation of reactive oxygen species by p53: implications for nitric oxide-mediated apoptosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H2192-200	5.2	33
232	Carotid stenting done exclusively by vascular surgeons: first 175 cases. <i>Annals of Surgery</i> , 2005 , 242, 431-6; discussion 436-8	7.8	33
231	Unsupervised exercise and mobility loss in peripheral artery disease: a randomized controlled trial. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	32
230	Secondary interventions after elective thoracic endovascular aortic repair for degenerative aneurysms. <i>Journal of Vascular Surgery</i> , 2013 , 57, 1269-74	3.5	31
229	Surgery and COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1151-1152	27.4	30
228	Nitric Oxide-Delivering High-Density Lipoprotein-like Nanoparticles as a Biomimetic Nanotherapy for Vascular Diseases. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6904-6916	9.5	28
227	Heightened efficacy of nitric oxide-based therapies in type II diabetes mellitus and metabolic syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H2388-98	5.2	28
226	The Gore Excluder US multi-center trial: analysis of adverse events at 2 years. <i>Seminars in Vascular Surgery</i> , 2003 , 16, 144-50	1.2	28
225	Nitric oxide prevents p21 degradation with the ubiquitin-proteasome pathway in vascular smooth muscle cells. <i>Journal of Vascular Surgery</i> , 2000 , 31, 364-74	3.5	28
224	Optimization of ex vivo inducible nitric oxide synthase gene transfer to vein grafts. <i>Surgery</i> , 1999 , 126, 323-329	3.6	28
223	Walking performance is positively correlated to calf muscle fiber size in peripheral artery disease subjects, but fibers show aberrant mitophagy: an observational study. <i>Journal of Translational Medicine</i> , 2016 , 14, 284	8.5	28
222	Proximal superficial femoral artery occlusion, collateral vessels, and walking performance in peripheral artery disease. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 687-94	8.4	27
221	Superficial femoral artery plaque, the ankle-brachial index, and leg symptoms in peripheral arterial disease: the walking and leg circulation study (WALCS) III. <i>Circulation: Cardiovascular Imaging</i> , 2011 , 4, 246-52	3.9	27
220	Peptide Amphiphile Nanostructures for Targeting of Atherosclerotic Plaque and Drug Delivery. <i>Advanced Biology</i> , 2018 , 2, 1700123	3.5	26
219	Setting high-impact clinical research priorities for the Society for Vascular Surgery. <i>Journal of Vascular Surgery</i> , 2013 , 57, 493-500	3.5	26
218	Plaque Composition in the Proximal Superficial Femoral Artery and Peripheral Artery Disease Events. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1003-1012	8.4	26
217	Endovascular repair of thoracic aortic pathology with custom-made devices. <i>Surgery</i> , 2005 , 138, 598-605; discussion 605	3.6	26
216	Carotid artery stenting in octogenarians: is it too risky?. <i>Annals of Vascular Surgery</i> , 2005 , 19, 812-6	1.7	26

215	Sex Bias in Interventional Clinical Trials. <i>Journal of Women's Health</i> , 2018 , 27, 1342-1348	3	26
214	Cocoa to Improve Walking Performance in Older People With Peripheral Artery Disease: The COCOA-PAD Pilot Randomized Clinical Trial. <i>Circulation Research</i> , 2020 , 126, 589-599	15.7	25
213	Early versus delayed carotid endarterectomy in symptomatic patients. <i>Journal of Vascular Surgery</i> , 2012 , 56, 1296-302; discussion 1302	3.5	25
212	Superficial femoral artery plaque and functional performance in peripheral arterial disease: walking and leg circulation study (WALCS III). <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 730-9	8.4	25
211	Prevention of thromboembolic events in surgical patients through the creation and implementation of a computerized risk assessment program. <i>Journal of Vascular Surgery</i> , 2010 , 51, 648-345	3.5	25
210	Effect of educational debt on career and quality of life among academic surgeons. <i>Annals of Surgery</i> , 2009 , 249, 342-8	7.8	25
209	Technical limitations of carotid filter embolic protection devices. <i>Annals of Vascular Surgery</i> , 2007 , 21, 403-7	1.7	25
208	Safety and efficacy of plasmid DNA expressing two isoforms of hepatocyte growth factor in patients with critical limb ischemia. <i>Gene Therapy</i> , 2016 , 23, 306-12	4	24
207	Poly(diols-co-citrate)s as novel elastomeric perivascular wraps for the reduction of neointimal hyperplasia. <i>Macromolecular Bioscience</i> , 2011 , 11, 700-9	5.5	24
206	Citric acid-based elastomers provide a biocompatible interface for vascular grafts. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 93, 314-24	5.4	24
205	The vascular adventitia: its role in the arterial injury response. <i>Vascular and Endovascular Surgery</i> , 2011 , 45, 381-90	1.4	23
204	Peptide Amphiphile Supramolecular Nanostructures as a Targeted Therapy for Atherosclerosis. <i>Macromolecular Bioscience</i> , 2019 , 19, e1900066	5.5	22
203	Commentary: "Leaning in" to support sex differences in basic science and clinical research. <i>Endocrinology</i> , 2014 , 155, 1181-3	4.8	22
202	The Group Oriented Arterial Leg Study (GOALS) to improve walking performance in patients with peripheral arterial disease. <i>Contemporary Clinical Trials</i> , 2012 , 33, 1311-20	2.3	22
201	Carotid stenting using tapered and nontapered stents: associated neurological complications and restenosis rates. <i>Annals of Vascular Surgery</i> , 2009 , 23, 439-45	1.7	22
200	Incidence and Prognostic Significance of Depressive Symptoms in Peripheral Artery Disease. <i>Journal of the American Heart Association</i> , 2016 , 5, e002959	6	22
199	Development and validation of 4 different rat models of uncontrolled hemorrhage. <i>JAMA Surgery</i> , 2015 , 150, 316-24	5.4	21
198	High-risk plaque in the superficial femoral artery of people with peripheral artery disease: prevalence and associated clinical characteristics. <i>Atherosclerosis</i> , 2014 , 237, 169-76	3.1	21

197	Insights into the effect of nitric oxide and its metabolites nitrite and nitrate at inhibiting neointimal hyperplasia. <i>Nitric Oxide - Biology and Chemistry</i> , 2011 , 25, 22-30	5	21
196	Percutaneous thoracic and abdominal aortic aneurysm repair: techniques and outcomes. <i>Vascular</i> , 2006 , 14, 270-81	1.3	21
195	Potential of nitric oxide-induced apoptosis in p53 ^{-/-} vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2002 , 282, C625-34	5.4	21
194	Peripheral artery disease, calf skeletal muscle mitochondrial DNA copy number, and functional performance. <i>Vascular Medicine</i> , 2018 , 23, 340-348	3.3	20
193	Photo-crosslinked Biodegradable Elastomers for Controlled Nitric Oxide Delivery. <i>Biomaterials Science</i> , 2013 , 1, 625-632	7.4	20
192	The role of estrogen receptor α and β in regulating vascular smooth muscle cell proliferation is based on sex. <i>Journal of Surgical Research</i> , 2012 , 173, e1-10	2.5	20
191	Effect of nitric oxide on neointimal hyperplasia based on sex and hormone status. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 1065-74	7.8	20
190	Outcomes and complications after fenestrated-branched endovascular aortic repair. <i>Journal of Vascular Surgery</i> , 2019 , 70, 15-22	3.5	20
189	Improving Lower Extremity Functioning in Peripheral Artery Disease: Exercise, Endovascular Revascularization, or Both?. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 689-690	27.4	19
188	Nitric oxide inhibits neointimal hyperplasia following vascular injury via differential, cell-specific modulation of SOD-1 in the arterial wall. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 44, 8-17	5	19
187	Vitamin D status, functional decline, and mortality in peripheral artery disease. <i>Vascular Medicine</i> , 2014 , 19, 18-26	3.3	19
186	Differential effect of nutritional status on vascular surgery outcomes in a Veterans Affairs versus private hospital setting. <i>American Journal of Surgery</i> , 2012 , 204, e27-37	2.7	19
185	Association of 6-Minute Walk Performance and Physical Activity With Incident Ischemic Heart Disease Events and Stroke in Peripheral Artery Disease. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	18
184	Optimizing cardiovascular gene therapy: increased vascular gene transfer with modified adenoviral vectors. <i>Archives of Surgery</i> , 2000 , 135, 191-7		18
183	The vascular surgeon-scientist: a 15-year report of the Society for Vascular Surgery Foundation/National Heart, Lung, and Blood Institute-mentored Career Development Award Program. <i>Journal of Vascular Surgery</i> , 2015 , 61, 1050-7	3.5	17
182	Nitric oxide delivery via a permeable balloon catheter inhibits neointimal growth after arterial injury. <i>Journal of Surgical Research</i> , 2013 , 180, 35-42	2.5	17
181	Vancomycin treatment and butyrate supplementation modulate gut microbe composition and severity of neointimal hyperplasia after arterial injury. <i>Physiological Reports</i> , 2015 , 3, e12627	2.6	17
180	Advances in diagnostic imaging for peripheral arterial disease. <i>Expert Review of Cardiovascular Therapy</i> , 2010 , 8, 1447-55	2.5	17

179	Eight-year institutional review of carotid artery stenting. <i>Journal of Vascular Surgery</i> , 2010 , 51, 1145-51	3.5	17
178	Recruiting participants with peripheral arterial disease for clinical trials: experience from the Study to Improve Leg Circulation (SILC). <i>Journal of Vascular Surgery</i> , 2009 , 49, 653-659.e4	3.5	17
177	Restenosis after carotid stent placement in patients with previous neck irradiation or endarterectomy. <i>Journal of Vascular and Interventional Radiology</i> , 2007 , 18, 1368-74	2.4	17
176	Meaningful change in 6-minute walk in people with peripheral artery disease. <i>Journal of Vascular Surgery</i> , 2021 , 73, 267-276.e1	3.5	17
175	Progenitor cell release plus exercise to improve functional performance in peripheral artery disease: the PROPEL Study. <i>Contemporary Clinical Trials</i> , 2013 , 36, 502-9	2.3	16
174	Sex-based differential regulation of oxidative stress in the vasculature by nitric oxide. <i>Redox Biology</i> , 2015 , 4, 226-33	11.3	16
173	Does a contralateral carotid occlusion adversely impact carotid artery stenting outcomes?. <i>Annals of Vascular Surgery</i> , 2012 , 26, 40-5	1.7	16
172	Activating peripheral arterial disease patients to reduce cholesterol: a randomized trial. <i>American Journal of Medicine</i> , 2011 , 124, 557-65	2.4	16
171	Insulin enhances the effect of nitric oxide at inhibiting neointimal hyperplasia in a rat model of type 1 diabetes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 299, H772-9	5.2	16
170	Biodegradable nitric oxide-releasing poly(diols citrate) elastomers. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 93, 356-63	5.4	16
169	Racial differences in functional decline in peripheral artery disease and associations with socioeconomic status and education. <i>Journal of Vascular Surgery</i> , 2017 , 66, 826-834	3.5	15
168	Community walking speed, sedentary or lying down time, and mortality in peripheral artery disease. <i>Vascular Medicine</i> , 2016 , 21, 120-9	3.3	15
167	Changes in D-dimer and inflammatory biomarkers before ischemic events in patients with peripheral artery disease: The BRAVO Study. <i>Vascular Medicine</i> , 2016 , 21, 12-20	3.3	15
166	Comparative effectiveness study of self-directed walking exercise, lower extremity revascularization, and functional decline in peripheral artery disease. <i>Journal of Vascular Surgery</i> , 2013 , 57, 990-996.e1	3.5	15
165	Nitric oxide: what a vascular surgeon needs to know. <i>Vascular</i> , 2007 , 15, 324-35	1.3	15
164	Nitric oxide synthase gene therapy in vascular pathology. <i>Seminars in Perinatology</i> , 2000 , 24, 51-4	3.3	15
163	Association of Fluoroquinolone Use With Short-term Risk of Development of Aortic Aneurysm. <i>JAMA Surgery</i> , 2021 , 156, 264-272	5.4	15
162	Durability of Benefits From Supervised Treadmill Exercise in People With Peripheral Artery Disease. <i>Journal of the American Heart Association</i> , 2019 , 8, e009380	6	15

161	Sex Differences in the LDL Receptor Knockout Mouse Model of Atherosclerosis. <i>Artery Research</i> , 2017 , 20, 8-11	2.2	14
160	Are carotid stent fractures clinically significant?. <i>CardioVascular and Interventional Radiology</i> , 2012 , 35, 263-7	2.7	14
159	Rebranding "The Lab Years" as "Professional Development" in Order to Redefine the Modern Surgeon Scientist. <i>Annals of Surgery</i> , 2017 , 266, 937-938	7.8	14
158	Nitric oxide decreases activity and levels of the 11S proteasome activator PA28 in the vasculature. <i>Nitric Oxide - Biology and Chemistry</i> , 2012 , 27, 50-8	5	14
157	Comparing 6-minute walk versus treadmill walking distance as outcomes in randomized trials of peripheral artery disease. <i>Journal of Vascular Surgery</i> , 2020 , 71, 988-1001	3.5	14
156	Atheroma Niche-Responsive Nanocarriers for Immunotherapeutic Delivery. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1801545	10.1	14
155	Association of Author Gender With Sex Bias in Surgical Research. <i>JAMA Surgery</i> , 2018 , 153, 663-670	5.4	13
154	Periadventitial atRA citrate-based polyester membranes reduce neointimal hyperplasia and restenosis after carotid injury in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H1419-29	5.2	13
153	Protective effect of p53 in vascular smooth muscle cells against nitric oxide-induced apoptosis is mediated by up-regulation of heme oxygenase-2. <i>BMB Reports</i> , 2008 , 41, 164-9	5.5	13
152	Nitric oxide synthase gene transfer to the vessel wall. <i>Current Opinion in Nephrology and Hypertension</i> , 1999 , 8, 75-81	3.5	13
151	Correlations of Calf Muscle Macrophage Content With Muscle Properties and Walking Performance in Peripheral Artery Disease. <i>Journal of the American Heart Association</i> , 2020 , 9, e015929	6	12
150	Development of Optimized Tissue-Factor-Targeted Peptide Amphiphile Nanofibers to Slow Noncompressible Torso Hemorrhage. <i>ACS Nano</i> , 2020 , 14, 6649-6662	16.7	12
149	Associations of Peripheral Artery Disease With Calf Skeletal Muscle Mitochondrial DNA Heteroplasmy. <i>Journal of the American Heart Association</i> , 2020 , 9, e015197	6	12
148	High-risk anatomic variables and plaque characteristics in carotid artery stenting. <i>Vascular and Endovascular Surgery</i> , 2014 , 48, 452-9	1.4	12
147	Normal preoperative white blood cell count is predictive of outcomes for endovascular procedures. <i>Journal of Vascular Surgery</i> , 2011 , 54, 1395-1403.e2	3.5	12
146	Mesenteric ischemia. <i>Perspectives in Vascular Surgery and Endovascular Therapy</i> , 2005 , 17, 309-18		12
145	Can screening for genetic markers improve peripheral artery bypass patency?. <i>Journal of Vascular Surgery</i> , 2002 , 36, 1198-206	3.5	12
144	Gene therapy and vascular disease. <i>Advances in Pharmacology</i> , 1999 , 46, 85-150	5.7	12

143	Targeted Nanotherapies for the Treatment of Surgical Diseases. <i>Annals of Surgery</i> , 2016 , 263, 900-7	7.8	12
142	Transition Planning for the Senior Surgeon: Guidance and Recommendations From the Society of Surgical Chairs. <i>JAMA Surgery</i> , 2019 , 154, 647-653	5.4	11
141	Vulnerable blood in high risk vascular patients: study design and methods. <i>Contemporary Clinical Trials</i> , 2014 , 38, 121-9	2.3	11
140	Vitamin D status and functional performance in peripheral artery disease. <i>Vascular Medicine</i> , 2012 , 17, 294-302	3.3	11
139	Gender differences in cholesterol-lowering medication prescribing in peripheral artery disease. <i>Vascular Medicine</i> , 2011 , 16, 428-35	3.3	10
138	Nanomaterials to Resolve Atherosclerosis. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 3693-3712	5.5	10
137	Systemically administered collagen-targeted gold nanoparticles bind to arterial injury following vascular interventions. <i>Physiological Reports</i> , 2017 , 5, e13128	2.6	9
136	Underrepresentation of Women at Academic Medical Conferences-"Manels" Must Stop. <i>JAMA Network Open</i> , 2020 , 3, e2018676	10.4	9
135	The Emerging Role of Gene Therapy in the Treatment of Cardiovascular Diseases. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2003 , 40, 499-545	9.4	9
134	Operative strategies for inferior vena cava repair in oncologic surgery. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2020 , 8, 396-404	3.2	9
133	Association of the von Willebrand Factor-ADAMTS13 Ratio With Incident Cardiovascular Events in Patients With Peripheral Arterial Disease. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2017 , 23, 807-813	3.3	8
132	Courtesy Authorship in Academic Surgery Publications. <i>JAMA Surgery</i> , 2019 , 154, 1110-1116	5.4	8
131	Development of Poly(1,8-octanediol--citrate--ascorbate) Elastomers with Enhanced Ascorbate Performance for Use as a Graft Coating to Prevent Neointimal Hyperplasia.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2150-2159	4.1	8
130	Inhibiting intimal hyperplasia in prosthetic vascular grafts via immobilized all-trans retinoic acid. <i>Journal of Controlled Release</i> , 2018 , 274, 69-80	11.7	8
129	Endoluminal repair of an acute aorto-left renal vein fistula. <i>Surgery</i> , 2005 , 138, 109-10	3.6	8
128	Surveillance, anticoagulation, or filter in calf vein thrombosis. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2017 , 5, 25-32	3.2	7
127	Femoral artery plaque characteristics, lower extremity collaterals, and mobility loss in peripheral artery disease. <i>Vascular Medicine</i> , 2017 , 22, 473-481	3.3	7
126	Cigarette smoking intensity informs outcomes after open revascularization for peripheral artery disease. <i>Journal of Vascular Surgery</i> , 2019 , 70, 1973-1983.e5	3.5	7

125	Health care at the VA: recommendations for change. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 481-2	27.4	7
124	Antioxidants modulate the antiproliferative effects of nitric oxide on vascular smooth muscle cells and adventitial fibroblasts by regulating oxidative stress. <i>American Journal of Surgery</i> , 2011 , 202, 536-40 ²⁻⁷	2.7	7
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