

Wei Guo

List of Publications by Year in descending order

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106
papers

2,132
citations

331259

21
h-index

264894

42
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127
all docs

127
docs citations

127
times ranked

2532
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Vascular Guidelines on the Management of Chronic Limb-Threatening Ischemia. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, S1-S109.e33.	0.8	741
2	Acotec Drug-Coated Balloon Catheter. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1941-1949.	1.1	90
3	The results of stent graft versus medication therapy for chronic type B dissection. <i>Journal of Vascular Surgery</i> , 2013, 57, 406-414.	0.6	62
4	Fully automatic segmentation of type B aortic dissection from CTA images enabled by deep learning. <i>European Journal of Radiology</i> , 2019, 121, 108713.	1.2	61
5	Fenestrated and Chimney Technique for Juxtarenal Aortic Aneurysm: A Systematic Review and Pooled Data Analysis. <i>Scientific Reports</i> , 2016, 6, 20497.	1.6	57
6	Association between diabetes and prevalence and growth rate of abdominal aortic aneurysms: A meta-analysis. <i>International Journal of Cardiology</i> , 2016, 221, 484-495.	0.8	55
7	Multibranched Stent-Grafts for the Treatment of Thoracoabdominal Aortic Aneurysms. <i>Journal of Endovascular Therapy</i> , 2016, 23, 626-633.	0.8	48
8	Induction of immunogenic cell death in radiation-resistant breast cancer stem cells by repurposing anti-alcoholism drug disulfiram. <i>Cell Communication and Signaling</i> , 2020, 18, 36.	2.7	47
9	Drug-Coated Balloon Angioplasty Compared With Uncoated Balloons in the Treatment of 200 Chinese Patients With Severe Femoropopliteal Lesions. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2347-2353.	1.1	39
10	Endovascular Repair of Aortic Dissection Involving the Left Subclavian Artery by Castor Stent Graft: A Multicentre Prospective Trial. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 60, 854-861.	0.8	38
11	Hemodynamic parameters that may predict false-lumen growth in type-B aortic dissection after endovascular repair: A preliminary study on long-term multiple follow-ups. <i>Medical Engineering and Physics</i> , 2017, 50, 12-21.	0.8	32
12	A Randomized, Double-Blind, Placebo-Controlled Phase II Study of Hepatocyte Growth Factor in the Treatment of Critical Limb Ischemia. <i>Molecular Therapy</i> , 2019, 27, 2158-2165.	3.7	31
13	Cartilage oligomeric matrix protein is an endogenous β 2-arrestin-2-selective allosteric modulator of AT1 receptor counteracting vascular injury. <i>Cell Research</i> , 2021, 31, 773-790.	5.7	30
14	A Tubing-Free Microfluidic Wound Healing Assay Enabling the Quantification of Vascular Smooth Muscle Cell Migration. <i>Scientific Reports</i> , 2015, 5, 14049.	1.6	29
15	Preoperative thoracic false lumen branches are predictors of aortic enlargement after stent grafting for DeBakey IIIb aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 21-29.e3.	0.4	28
16	Treatment Strategies and Outcomes of Symptomatic Spontaneous Isolated Superior Mesenteric Artery Dissection: A Systematic Review and Meta-analysis. <i>Journal of Endovascular Therapy</i> , 2018, 25, 640-648.	0.8	28
17	Multi-stage learning for segmentation of aortic dissections using a prior aortic anatomy simplification. <i>Medical Image Analysis</i> , 2021, 69, 101931.	7.0	28
18	The Significance of the Angle between Superior Mesenteric Artery and Aorta in Spontaneous Isolated Superior Mesenteric Artery Dissection. <i>Annals of Vascular Surgery</i> , 2017, 45, 117-126.	0.4	27

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19	Hyperhomocysteinaemia is an independent risk factor of abdominal aortic aneurysm in a Chinese Han population. <i>Scientific Reports</i> , 2016, 6, 17966.	1.6	25
20	Preoperative thoracic false lumen branches relate to aortic remodeling after thoracic endovascular aortic repair for DeBakey IIIb aortic dissection. <i>Journal of Vascular Surgery</i> , 2017, 65, 659-668.e2.	0.6	25
21	Drug-Coated Balloon Angioplasty Compared With Uncoated Balloons in the Treatment of Infrapopliteal Artery Lesions (AcoArt IIâ€“BTK). <i>Journal of Endovascular Therapy</i> , 2021, 28, 215-221.	0.8	24
22	Transcarotid Artery Endovascular Reconstruction of the Aortic Arch by Modified Bifurcated Stent Graft for Stanford Type A Dissection. <i>Asian Journal of Surgery</i> , 2007, 30, 290-295.	0.2	22
23	Hyperhomocysteinaemia is an independent risk factor for peripheral arterial disease in a Chinese Han population. <i>Atherosclerosis</i> , 2017, 263, 205-210.	0.4	21
24	Induction of autophagy-dependent apoptosis in cancer cells through activation of ER stress: an uncovered anti-cancer mechanism by anti-alcoholism drug disulfiram. <i>American Journal of Cancer Research</i> , 2019, 9, 1266-1281.	1.4	21
25	Obstructive Sleep Apnea Syndrome: A Risk Factor for Stanford's Type B Aortic Dissection. <i>Annals of Vascular Surgery</i> , 2014, 28, 1901-1908.	0.4	20
26	Endovascular Chimney Technique for Juxtarenal Abdominal Aortic Aneurysm: A Systematic Review Using Pooled Analysis and Meta-Analysis. <i>Annals of Vascular Surgery</i> , 2015, 29, 1141-1150.	0.4	19
27	Association of polymorphisms on chromosome 9p21.3 region with increased susceptibility of abdominal aortic aneurysm in a Chinese Han population. <i>Journal of Vascular Surgery</i> , 2014, 59, 879-885.	0.6	18
28	The value of a new image classification system for planning treatment and prognosis of spontaneous isolated superior mesenteric artery dissection. <i>Vascular</i> , 2015, 23, 504-512.	0.4	18
29	Long-term safety and efficacy of angioplasty of femoropopliteal artery disease with drug-coated balloons from the AcoArt I trial. <i>Journal of Vascular Surgery</i> , 2021, 74, 756-762.e3.	0.6	18
30	Chronic obstructive pulmonary disease effect on the prevalence and postoperative outcome of abdominal aortic aneurysms: A meta-analysis. <i>Scientific Reports</i> , 2016, 6, 25003.	1.6	17
31	Melatonin attenuates inflammation-related venous endothelial cells apoptosis through modulating the MST1â€“MIEF1 pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 23675-23684.	2.0	17
32	Short-term study on risk-benefit outcomes of two spinal manipulative therapies in the treatment of acute radiculopathy caused by lumbar disc herniation: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 122.	0.7	16
33	Novel-Designed Iliac Branch Stent Graft for Internal Iliac Artery Reconstruction during Aneurysm Repair. <i>Annals of Vascular Surgery</i> , 2015, 29, 189-196.	0.4	15
34	Characterization of miR-218/322-Stxbp1 pathway in the process of insulin secretion. <i>Journal of Molecular Endocrinology</i> , 2015, 54, 65-73.	1.1	15
35	Novel temporary endovascular shunt technique to assist in situ fenestration for endovascular reconstruction of the distal aortic arch. <i>Journal of Vascular Surgery</i> , 2015, 62, 226-228.	0.6	14
36	Association Between Extent of Stent-Graft Coverage and Thoracic Aortic Remodeling After Endovascular Repair of Type B Aortic Dissection. <i>Journal of Endovascular Therapy</i> , 2020, 27, 211-220.	0.8	14

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37	Combined proximal descending aortic endografting plus distal bare metal stenting (PETTICOAT) Tj ETQq1 1 0.784314 rgBT /Overlock aortic dissections. The Cochrane Library, 2019, 2019, .	1.5	14
38	MicroRNAâ€19 restores vascular endothelial cell function in lower limb ischemiaâ€reperfusion injury through the KLF10â€dependent TGFâ€1/Smad signaling pathway in rats. Journal of Cellular Biochemistry, 2018, 119, 9303-9315.	1.2	13
39	Mechanisms of abdominal aortic aneurysm progression: A review. Vascular Medicine, 2022, 27, 88-96.	0.8	13
40	IN.PACT SFA Clinical Study Using the IN.PACT Admiral Drug-Coated Balloon in a Chinese Patient Population. Journal of Endovascular Therapy, 2019, 26, 471-478.	0.8	12
41	Early and mid-term mortality and morbidity of contemporary international endovascular treatment for type B aortic dissection - A systematic review and meta-analysis. International Journal of Cardiology, 2020, 301, 56-61.	0.8	12
42	Use of the Octopus Endograft Technique to Reconstruct Renovisceral Arteries Arising From the False Lumen of a Rapidly Expanding Type B Aortic Dissection After Endovascular Repair. Journal of Endovascular Therapy, 2017, 24, 107-111.	0.8	11
43	Effect of microRNAâ€26a on vascular endothelial cell injury caused by lower extremity ischemiaâ€reperfusion injury through the AMPK pathway by targeting PFKFB3. Journal of Cellular Physiology, 2019, 234, 2916-2928.	2.0	11
44	Coil Embolization for Persistent Thoracic False Lumen of Type B Aortic Dissection after Thoracic Endovascular Aortic Repair. Annals of Vascular Surgery, 2019, 57, 60-68.	0.4	11
45	The 301 Classification: A Proposed Modification to the Stanford Type B Aortic Dissection Classification for Thoracic Endovascular Aortic Repair Prognostication. Mayo Clinic Proceedings, 2020, 95, 1329-1341.	1.4	11
46	Thoracic Aorta Dimension Changes During Systole and Diastole: Evaluation with ECG-Gated Computed Tomography. Annals of Vascular Surgery, 2016, 35, 168-173.	0.4	9
47	Protocol for the ROBUST (Registry Of type B aortic dissection with the Utility of STent graft) study: an ambispective, multicentre, open cohort study. BMJ Open, 2017, 7, e019317.	0.8	9
48	Altered aortic arch geometry in patients with type B aortic dissection. European Journal of Cardio-thoracic Surgery, 2020, 58, 714-721.	0.6	9
49	Myeloid related protein 8/14 is a new candidate biomarker and therapeutic target for abdominal aortic aneurysm. Biomedicine and Pharmacotherapy, 2019, 118, 109229.	2.5	8
50	Association between aortic arch angulation and bird-beak configuration after thoracic aortic stent graft repair of type B aortic dissection. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 688-696.	0.5	8
51	Expression of TRPC6 and BDNF in Cortical Lesions From Patients With Focal Cortical Dysplasia. Journal of Neuropathology and Experimental Neurology, 2016, 75, 718-730.	0.9	7
52	Buprenorphine differentially affects M1- and M2-polarized macrophages from human umbilical cord blood. European Cytokine Network, 2017, 28, 85-92.	1.1	7
53	A microfabricated 96â€well woundâ€healing assay. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 1192-1199.	1.1	6
54	Endovascular Repair of Aortoiliac or Common Iliac Artery Aneurysm Using the Lifetech Iliac Bifurcation Stent Graft System: A Prospective Multicenter Clinical Study. Annals of Vascular Surgery, 2020, 63, 136-144.	0.4	6

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55	Fenestrated/Branched Endovascular Repair for Postdissection Thoracoabdominal Aneurysms: A Systematic Review with Pooled Data Analysis. <i>Vascular and Endovascular Surgery</i> , 2020, 54, 510-518.	0.3	6
56	A meta-analysis of locoregional anesthesia versus general anesthesia in endovascular repair of ruptured abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , 2021, 73, 700-710.	0.6	6
57	Recent evolution in use and effectiveness in mainland China of thoracic endovascular aortic repair of type B aortic dissection. <i>Scientific Reports</i> , 2017, 7, 17350.	1.6	5
58	Enhanced Rb/E2F and TSC/mTOR Pathways Induce Synergistic Inhibition in PDGF-Induced Proliferation in Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2017, 12, e0170036.	1.1	5
59	Novel Morphological Features for Prediction of Distal Thoracic Aortic Enlargement after Thoracic Endovascular Aortic Repair of DeBakey IIIb Aortic Dissection. <i>Annals of Vascular Surgery</i> , 2018, 47, 212-222.e1.	0.4	5
60	Plasma C-Reactive Protein and Abdominal Aortic Aneurysm. <i>Chinese Medical Journal</i> , 2018, 131, 2630-2633.	0.9	5
61	Endovascular Repair of Aortic Arch Aneurysm with a New Modular Double Inner Branch Stent Graft. <i>Annals of Vascular Surgery</i> , 2021, 77, 347.e1-347.e5.	0.4	5
62	Comparison of drug-coated balloon angioplasty versus uncoated balloon angioplasty in treatment of total occlusions with severe femoropopliteal lesions: An additional analysis from the AcoArt I study. <i>Vascular</i> , 2021, 29, 340-349.	0.4	5
63	pUDK-HGF Gene Therapy to Relieve CLI Rest Pain and Ulcer: A Phase II, Double-Blind, Randomized Placebo-Controlled Trial. <i>Human Gene Therapy</i> , 2021, 32, 839-849.	1.4	5
64	A Novel Iron-Bioresorbable Sirolimus-Eluting Scaffold Device for Infrapopliteal Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, e57-e59.	1.1	5
65	Endovascular repair: alternative treatment of ruptured abdominal aortic aneurysm. <i>Chinese Medical Journal</i> , 2009, 122, 1728-31.	0.9	5
66	The Number of Preoperative Abdominal False Lumenâ€“perfused Small Branches Is Related to Abdominal Aortic Remodeling after Thoracic Endovascular Aortic Repair for Type B Aortic Dissection. <i>Annals of Vascular Surgery</i> , 2021, 71, 56-64.	0.4	4
67	Total Endovascular Repair of Complex Thoracoabdominal/Abdominal Aortic Aneurysms with a Four-Branched Off-the-Shelf G-Branchâ„¢ Stent Graft. <i>Annals of Vascular Surgery</i> , 2021, 71, 534.e7-534.e12.	0.4	4
68	Effect of Psychological Intervention Combined with Family Cooperation on the Perioperative Quality of Life and Psychological States of Elderly Patients with Prostate Cancer Treated with Compound Kushen Injection. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-7.	0.5	4
69	Imrecoxib versus celecoxib as postoperative analgesia for patients receiving arthroscopic knee surgery: a randomized, controlled, non-inferiority study. <i>Inflammopharmacology</i> , 2022, 30, 875-881.	1.9	4
70	Effect of Remote Ischemic Preconditioning on Complications After Elective Abdominal Aortic Aneurysm Repair: A Meta-Analysis With Randomized Control Trials. <i>Vascular and Endovascular Surgery</i> , 2019, 53, 387-394.	0.3	3
71	A solid ultrasonic coupling membrane for superficial vascular ultrasonography. <i>Nanoscale</i> , 2022, 14, 3545-3553.	2.8	3
72	Protocol for GUoâ€™s renovisceral Artery reconstruction-1: a prospective, multicentre, single-arm clinical trial to evaluate the safety and efficacy of a multibRANched sTEnt graft systEm for thoracoabdominal aortic aneurysm (GUARANTEE study). <i>BMJ Open</i> , 2022, 12, e059401.	0.8	3

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73	Injury and Healing Response of Healthy Peripheral Arterial Tissue to Intravascular Lithotripsy: A Prospective Animal Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 787973.	1.1	3
74	Effects of Wall Thickness on Stress Distribution in Patient-Specific Models of Abdominal Aortic Aneurysm. , 2009, , .		2
75	A Microfabricated 96-Well 3D Assay Enabling High-Throughput Quantification of Cellular Invasion Capabilities. <i>Scientific Reports</i> , 2017, 7, 43390.	1.6	2
76	Successful use of retrograde branched extension limb assembling technique in endovascular repair of pararenal abdominal aortic aneurysm. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2017, 3, 90-94.	0.3	2
77	Comparison between paclitaxel-coated balloon and standard uncoated balloon in the treatment of femoropopliteal long lesions in diabetics. <i>Medicine (United States)</i> , 2019, 98, e14840.	0.4	2
78	Endovascular Retrograde Reconstruction of the Left Renal Artery through the False Lumen of a Postdissection Thoracoabdominal Aortic Aneurysm-A Case Report. <i>Annals of Vascular Surgery</i> , 2019, 55, 307.e5-307.e11.	0.4	2
79	Retrograde branched extension limb assembling stent of pararenal abdominal aortic aneurysm: A longitudinal hemodynamic analysis for stent graft migration. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2020, 36, e3394.	1.0	2
80	Dissection length-to-descending thoraco-abdominal aorta length ratio predicts abdominal aortic enlargement after thoracic endovascular aortic repair for type B aortic dissection involving the abdominal aorta. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 680-687.	0.5	2
81	Long-Term Outcome of Chimney Technique Using a Balloon-Expandable Bare-Metal Stent to Preserve Supra-Arch Branches in Type B Aortic Dissection. <i>Vascular and Endovascular Surgery</i> , 2020, 54, 333-340.	0.3	2
82	Preclinical evaluation of an endovascular sealing device for distal re-entry tears in type B aortic dissection in a porcine model. <i>International Journal of Cardiology</i> , 2020, 313, 108-113.	0.8	2
83	Association between Cystatin C and Peripheral Artery Disease in the Chinese Han Population. <i>Annals of Vascular Surgery</i> , 2021, 73, 244-253.	0.4	2
84	Total endovascular repair of aberrant right subclavian artery using castor branched stent-graft. <i>Journal of Geriatric Cardiology</i> , 2018, 15, 751-754.	0.2	2
85	Host-guest interactions of indocyanine green with β -cyclodextrin permit real-time characterization of the rat lymphatic system. <i>JVS Vascular Science</i> , 2022, 3, 211-218.	0.4	2
86	Aortic arch aneurysm isolated by percutaneous total endovascular arch replacement. <i>European Heart Journal</i> , 2022, 43, 2905-2905.	1.0	2
87	Small infrarenal aortic diameter associated with lower-extremity peripheral artery disease in Chinese hypertensive adults. <i>Scientific Reports</i> , 2017, 7, 14547.	1.6	1
88	Retrograde Branched Endovascular Repair as a Feasible Option to Treat Complex Aortic Aneurysm Using the Retrograde Branched Extension Limb Assembling Technique. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1956-1963.e1.	0.2	1
89	Associations Between Elevated Plasma Total Homocysteine Level and Risk of Thromboangiitis Obliterans in a Chinese Population: A Matched Case-Control Study. <i>Annals of Vascular Surgery</i> , 2020, 62, 335-341.	0.4	1
90	The Association between Hyperhomocysteinemia and Thoracoabdominal Aortic Aneurysms in Chinese Population. <i>BioMed Research International</i> , 2020, 2020, 1-8.	0.9	1

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91	A S-Shaped Association of Distal Oversizing Ratio with Distal Stent-Graft-Induced New Entry Following Thoracic Endovascular Aortic Repair for Stanford B Aortic Dissection. <i>Annals of Vascular Surgery</i> , 2021, , .	0.4	1
92	Five-Year Outcomes of Post-Drug-Coated Balloon Angioplasty Dissection in Complex Femoropopliteal Artery Disease. <i>International Journal of General Medicine</i> , 2021, Volume 14, 4197-4207.	0.8	1
93	Fenestrated endovascular aortic repair for juxtarenal abdominal aortic aneurysm. <i>Chinese Medical Journal</i> , 2013, 126, 409-14.	0.9	1
94	Clinical Results and Aortic Remodeling After Endovascular Treatment for Complicated Type B Aortic Dissection With the "Fabulous" Stent System. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 817675.	1.1	1
95	Drug-Coated Balloon Angioplasty Versus Standard Uncoated Balloon Angioplasty for Long Femoropopliteal Lesions: Post Hoc Analysis of the 24-Month Results of the AcoArt I Study. <i>Annals of Vascular Surgery</i> , 2022, 82, 70-80.	0.4	1
96	Investigating the inverse association between glycaemia and abdominal aortic dilatation in a large Chinese hypertensive population: a cross-sectional study. <i>Annals of Translational Medicine</i> , 2022, 10, 419-419.	0.7	1
97	An innocuous spine structure analysis method based on surface asymmetry evaluation. , 2015, , .		0
98	Experimental Study on Sedative and Hypnotic Effects of Wu Shen Capsules in Mice. , 2016, , .		0
99	Mesoatrial Shunt for Budd-Chiari Syndrome. <i>Annals of Vascular Surgery</i> , 2018, 47, 62-68.	0.4	0
100	Consistency of Proximal-to-Distal Tapering of Descending Thoracic Aortic Diameter: Quantification Using a Novel Computer Tomography-based Assessment. <i>Annals of Vascular Surgery</i> , 2019, 58, 205-210.	0.4	0
101	Application of a Reversed Off-the-Shelf Iliac Branched Device Stent in Revascularization of the Renal Artery Originating from the False Lumen. <i>Annals of Vascular Surgery</i> , 2020, 67, 569.e1-569.e7.	0.4	0
102	The Distance From the Primary Intimal Tear to the Left Subclavian Artery Predicts Thoracic Aortic Enlargement After Thoracic Endovascular Aortic Repair of Type B Aortic Dissection: A Retrospective Cohort Study. <i>Journal of Endovascular Therapy</i> , 2022, 29, 32-41.	0.8	0
103	1-Year Outcomes of a Multicenter Randomized Controlled Trial of the Ankura II Thoracic Endoprosthesis for the Endovascular Treatment of Stanford Type B Aortic Dissections. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 805585.	1.1	0
104	In-vitro and In-silico Haemodynamic Analyses of a Novel Embedded Iliac Branch Device. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 828910.	1.1	0
105	Preclinical Evaluation of a Non-Customized Modular Inner Branched Stent Graft for Total Endovascular Aortic Arch Repair in a Porcine Model. <i>Journal of Endovascular Therapy</i> , 2023, 30, 628-636.	0.8	0
106	A novel modular inner aortic arch stent-graft for localized Stanford type A aortic dissection aneurysm with short healthy proximal ascending aorta. <i>JTCVS Techniques</i> , 2022, , .	0.2	0