

Andrey A Karpenko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6254449/publications.pdf>

Version: 2024-02-01

45
papers

307
citations

932766

10
h-index

996533

15
g-index

48
all docs

48
docs citations

48
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship of pharmacotherapy and the incidence of embolic complications of carotid reconstructive surgery. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2022, 21, 3085.	0.4	0
2	Mitomycin-Treated Endothelial and Smooth Muscle Cells Suitable for Safe Tissue Engineering Approaches. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 772981.	2.0	3
3	Potential of Biodegradable Synthetic Polymers for Use in Small-diameter Vascular Engineering. <i>Macromolecular Research</i> , 2022, 30, 425-437.	1.0	3
4	Activated Carbon for Drug Delivery from Composite Biomaterials: The Effect of Grinding on Sirolimus Binding and Release. <i>Pharmaceutics</i> , 2022, 14, 1386.	2.0	2
5	Outcomes of using various designs of carotid stents. <i>Sibirskij Å¾urnal KliniÅšeskoj I Å“ksperimental’noj Mediciny</i> , 2021, 36, 30-37.	0.1	0
6	Influence of Elongation of Paclitaxel-Eluting Electrospun-Produced Stent Coating on Paclitaxel Release and Transport through the Arterial Wall after Stenting. <i>Polymers</i> , 2021, 13, 1165.	2.0	4
7	The effect of the stented iliac lesions TASC-II C, D on the femoropopliteal bypass patency: Propensity score-matched observational study. <i>Vascular Medicine</i> , 2021, , 1358863X2110211.	0.8	0
8	Assessment of Electrospun Pellethane-Based Scaffolds for Vascular Tissue Engineering. <i>Materials</i> , 2021, 14, 3678.	1.3	5
9	Post-Traumatic Arteriovenous Fistulas Leading to Heart Failure. <i>EJVES Vascular Forum</i> , 2021, 53, 14-16.	0.2	4
10	Electrospun polyurethane-based vascular grafts: physicochemical properties and functioning in vivo. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 015010.	1.7	15
11	Is it possible to prevent cerebral embolization by improving the design and technology of carotid stent implantation?. <i>Expert Review of Cardiovascular Therapy</i> , 2020, 18, 891-904.	0.6	1
12	Vascular Stents Coated with Electrospun Drug-Eluting Material: Functioning in Rabbit Iliac Artery. <i>Polymers</i> , 2020, 12, 1741.	2.0	12
13	Sirolimus-Eluting Electrospun-Produced Matrices as Coatings for Vascular Stents: Dependence of Drug Release on Matrix Structure and Composition of the External Environment. <i>Materials</i> , 2020, 13, 2692.	1.3	7
14	Comparative Analysis of Carotid Artery Stenting and Carotid Endarterectomy in Clinical Practice. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104751.	0.7	10
15	Comparative gene expression profiling of human primary endothelial cells cultivated on polyurethane-based electrospun 3D matrices and natural decellularized vein. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 045012.	1.7	4
16	In Vivo Stability of Polyurethane-Based Electrospun Vascular Grafts in Terms of Chemistry and Mechanics. <i>Polymers</i> , 2020, 12, 845.	2.0	14
17	Intermediate results of the prospective randomized study on the effect of lamina vastoadductoria dissection after superficial femoral artery stenting on the restenosis incidence in TASC-II type C and D lesions. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2020, 19, 2362.	0.4	1
18	Modern approaches to femoropopliteal bypass surgery: achievements and future prospects. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2020, 19, 2274.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Intermediate results of the prospective randomized study on the effect of lamina vastoadductoria dissection after superficial femoral artery stenting on the restenosis incidence in TASC-II type C and D lesions. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2020, 19, 2362.	0.4	0
20	Isolation, culturing and gene expression profiling of inner mass cells from stable and vulnerable carotid atherosclerotic plaques. <i>PLoS ONE</i> , 2019, 14, e0218892.	1.1	7
21	Diclofenac release from polycaprolactone 3D matrices produced by electrospinning: influence of fiber structure and composition of the surrounding medium. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 27-33.	1.8	3
22	A prospective, single-blind, randomized, phase III study to evaluate the safety and efficacy of Fibrin Sealant Grifols as an adjunct to hemostasis compared with manual compression in vascular surgery. <i>Journal of Vascular Surgery</i> , 2019, 70, 1642-1651.	0.6	13
23	Effect of Polyethylene Terephthalate on Functional Properties of Endothelial and Mesenchymal Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2019, 166, 580-585.	0.3	7
24	RGD Peptide-Albumin Conjugate for Endothelization of Electrospun Materials. <i>Russian Journal of Bioorganic Chemistry</i> , 2019, 45, 793-802.	0.3	2
25	The roles of mechanotransduction, vascular wall cells, and blood cells in atheroma induction. <i>Vascular</i> , 2019, 27, 98-109.	0.4	5
26	Carotid Endarterectomy with Autoarterial Remodeling of Bifurcation of the Common Carotid Artery and Carotid Endarterectomy with Patch Closure: Comparison of Methods. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 741-750.	0.7	5
27	Study of hemocompatibility and endothelial cell interaction of tecoflex-based electrospun vascular grafts. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 34-43.	1.8	14
28	Stenting of the carotid artery with CGuard and Acculink stents: interim results of a randomized trial. <i>Angiologiia i Sosudistaia Khirurgiia = Angiology and Vascular Surgery</i> , 2019, 25, 64.	0.0	3
29	Surgical treatment of a patient with a giant iliac artery type E aneurysm and a horseshoe kidney. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2019, 18, 113-115.	0.4	0
30	Surgical treatment of a patient with a giant iliac artery type E aneurysm and a horseshoe kidney. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2019, 18, 113-115.	0.4	0
31	Electrospun Produced 3D Matrices for Covering of Vascular Stents: Paclitaxel Release Depending on Fiber Structure and Composition of the External Environment. <i>Materials</i> , 2018, 11, 2176.	1.3	27
32	Mechanical Properties and Biological Behavior of 3D Matrices Produced by Electrospinning from Protein-Enriched Polyurethane. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	23
33	Mechanisms Underlying Atheroma Induction: The Roles of Mechanotransduction, Vascular Wall Cells, and Blood Cells. <i>Annals of Vascular Surgery</i> , 2018, 53, 224-233.	0.4	4
34	Evaluation of the Safety and Clinical Effectiveness of Endovascular Mechanical Fragmentation with Local Thrombolysis in the Patients Presenting with Pulmonary Embolism at Intermediate and High Risk of Early Death. <i>Flebologiya</i> , 2018, 12, 74.	0.2	0
35	Modern endovascular methods in treatment of patients with the tibial arteries lesion: determinants and perspectives. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2018, 17, 74-80.	0.4	0
36	Endothelial and smooth muscle cells derived from human cardiac explants demonstrate angiogenic potential and suitable for design of cell-containing vascular grafts. <i>Journal of Translational Medicine</i> , 2017, 15, 54.	1.8	25

#	ARTICLE	IF	CITATIONS
37	Systemic Thrombolytic Therapy and Catheter-Directed Fragmentation with Local Thrombolytic Therapy in Patients with Pulmonary Embolism. <i>Annals of Vascular Surgery</i> , 2017, 45, 98-105.	0.4	8
38	Human serum albumin in electrospun PCL fibers: structure, release, and exposure on fiber surface. <i>Polymers for Advanced Technologies</i> , 2017, 28, 819-827.	1.6	26
39	The role of stump pressure and cerebral oximetry in predicting ischaemic brain damage during carotid endarterectomy. <i>Brain Injury</i> , 2017, 31, 1944-1950.	0.6	5
40	Endovascular Treatment of the Subclavian Artery Steno-Occlusive Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 87-93.	0.7	9
41	Endovenous laser ablation in patients with severe primary chronic venous insufficiency. <i>International Angiology</i> , 2017, 36, 368-374.	0.4	9
42	Hybrid Interventions in the Case of Combined Stenosis of the Carotid Bifurcations and Supra-Aortic Arteries. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 63-66.	0.7	11
43	EVALUATION OF THE FUNCTIONAL PROPERTIES OF HUMAN ENDOTHELIAL AND SMOOTH MUSCLE CELLS AFTER SEEDING ON THE SURFACE OF NATURAL AND SYNTHETIC MATERIALS. <i>Vestnik Transplantologii i Iskusstvennykh Organov</i> , 2016, 18, 94-101.	0.1	0
44	Association of folate metabolism gene polymorphisms and pulmonary embolism: A case-control study of West-Siberian population. <i>Thrombosis Research</i> , 2015, 135, 788-795.	0.8	6
45	Hybrid in situ replacement for Samson group V <i>Staphylococcus aureus</i> aortic graft infection. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013010289-bcr2013010289.	0.2	2