

Vera G Matveeva

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

293
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933264

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22
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22
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433
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoptosis-mediated endothelial toxicity but not direct calcification or functional changes in anti-calcification proteins defines pathogenic effects of calcium phosphate bions. <i>Scientific Reports</i> , 2016, 6, 27255.	1.6	37
2	Conjugation with RGD Peptides and Incorporation of Vascular Endothelial Growth Factor Are Equally Efficient for Biofunctionalization of Tissue-Engineered Vascular Grafts. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1920.	1.8	31
3	Human Peripheral Blood-Derived Endothelial Colony-Forming Cells Are Highly Similar to Mature Vascular Endothelial Cells yet Demonstrate a Transitional Transcriptomic Signature. <i>Cells</i> , 2020, 9, 876.	1.8	30
4	Vascular Endothelial Growth Factor Improves Physico-Mechanical Properties and Enhances Endothelialization of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/Poly(ϵ -caprolactone) Small-Diameter Vascular Grafts In vivo. <i>Frontiers in Pharmacology</i> , 2016, 07, 230.	1.6	26
5	Adipocytes Directly Affect Coronary Artery Disease Pathogenesis via Induction of Adipokine and Cytokine Imbalances. <i>Frontiers in Immunology</i> , 2019, 10, 2163.	2.2	24
6	Biocompatibility of Small-Diameter Vascular Grafts in Different Modes of RGD Modification. <i>Polymers</i> , 2019, 11, 174.	2.0	20
7	Biocompatible Nanocomposites Based on Poly(styrene-block-isobutylene-block-styrene) and Carbon Nanotubes for Biomedical Application. <i>Polymers</i> , 2020, 12, 2158.	2.0	16
8	Bioabsorbable Bypass Grafts Biofunctionalised with RGD Have Enhanced Biophysical Properties and Endothelialisation Tested In vivo. <i>Frontiers in Pharmacology</i> , 2016, 7, 136.	1.6	15
9	Endovascular Interventions Permit Isolation of Endothelial Colony-Forming Cells from Peripheral Blood. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3453.	1.8	15
10	bFGF and SDF-1 α Improve In Vivo Performance of VEGF-Incorporating Small-Diameter Vascular Grafts. <i>Pharmaceuticals</i> , 2021, 14, 302.	1.7	12
11	Modifications in routine protocol of RNA isolation can improve quality of RNA purified from adipocytes. <i>Analytical Biochemistry</i> , 2018, 543, 128-131.	1.1	11
12	Tissue-Engineered Carotid Artery Interposition Grafts Demonstrate High Primary Patency and Promote Vascular Tissue Regeneration in the Ovine Model. <i>Polymers</i> , 2021, 13, 2637.	2.0	11
13	Adipokine gene expression in adipocytes isolated from different fat depots of coronary artery disease patients. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 261-269.	1.0	8
14	Biodegradable Patches for Arterial Reconstruction Modified with RGD Peptides: Results of an Experimental Study. <i>ACS Omega</i> , 2020, 5, 21700-21711.	1.6	7
15	Calciprotein Particles Link Disturbed Mineral Homeostasis with Cardiovascular Disease by Causing Endothelial Dysfunction and Vascular Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12458.	1.8	7
16	Biomaterials Based on Carbon Nanotube Nanocomposites of Poly(styrene-b-isobutylene-b-styrene): The Effect of Nanotube Content on the Mechanical Properties, Biocompatibility and Hemocompatibility. <i>Nanomaterials</i> , 2022, 12, 733.	1.9	7
17	Interaction of human endothelial cells and nickel-titanium materials modified with silicon ions. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	5
18	Advantages of Fibrin Polymerization Method without the Use of Exogenous Thrombin for Vascular Tissue Engineering Applications. <i>Biomedicines</i> , 2022, 10, 789.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Mitochondrial DNA as DAMP in critical conditions. Bulletin of Siberian Medicine, 2019, 18, 134-143.	0.1	3
20	Influence of different concentrations of fibrinogen on the properties of a fibrin matrix for vascular tissue engineering. I P Pavlov Russian Medical Biological Herald, 2021, 29, 21-34.	0.2	2
21	Polyhydroxybutyrate/valerate/polycaprolactone small-diameter vascular graft: Experimental study of integration into organism. AIP Conference Proceedings, 2015, , .	0.3	1
22	O-09 Soluble triggering receptor expressed on myeloid cells (TREM-1) as a marker of noninfection systemic inflammatory response syndrome (SIRS). Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, S4.	0.6	0