

Readily Available Tissue-Engineered Vascular Grafts

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Citation Report

#	ARTICLE	IF	CITATIONS
1	In the Spotlight: Tissue Engineering— Translation for Tissue Engineering and Regenerative Medicine. IEEE Reviews in Biomedical Engineering, 2011, 4, 24-25.	13.1	0
2	Human embryonic stem cell-derived vascular smooth muscle cells in therapeutic neovascularisation. Journal of Molecular and Cellular Cardiology, 2011, 51, 651-664.	0.9	46
3	Organ Printing: A Novel Tissue Engineering Paradigm. IFMBE Proceedings, 2011, , 27-30.	0.2	6
5	Bioengineered Vascular Grafts: Can We Make Them Off-the-Shelf?. Trends in Cardiovascular Medicine, 2011, 21, 83-89.	2.3	62
6	Vascular calcification: Inducers and inhibitors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 1133-1141.	1.7	10
7	Vascular tissue engineering: Towards the next generation vascular grafts. Advanced Drug Delivery Reviews, 2011, 63, 312-323.	6.6	206
8	An Early Study on the Mechanisms that Allow Tissue-Engineered Vascular Grafts to Resist Intimal Hyperplasia. Journal of Cardiovascular Translational Research, 2011, 4, 674-682.	1.1	37
9	Tissue Engineering of Blood Vessels: Functional Requirements, Progress, and Future Challenges. Cardiovascular Engineering and Technology, 2011, 2, 137-148.	0.7	85
10	Challenges in translating vascular tissue engineering to the pediatric clinic. Vascular Cell, 2011, 3, 23.	0.2	24
11	Stacking of aligned cell sheets for layer-by-layer control of complex tissue structure. Biomaterials, 2011, 32, 5625-5632.	5.7	65
12	Taking tissue engineering to heart. Nature Medicine, 2011, 17, 1032-1035.	15.2	23
13	Decellularized tissue-engineered blood vessel as an arterial conduit. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9214-9219.	3.3	316
14	Tissue engineering of non-bladder tubular organs. , 2012, , 87-99.		0
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16	Smooth Muscle and Other Cell Sources for Human Blood Vessel Engineering. Cells Tissues Organs, 2012, 195, 15-25.	1.3	30
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18	Regenerative Medicine as Applied to General Surgery. Annals of Surgery, 2012, 255, 867-880.	2.1	97
19	Back to the Future: How Biology and Technology Could Change the Role of PTFE Grafts in Vascular Access Management. Seminars in Dialysis, 2012, 25, 495-504.	0.7	17

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20	The Evolution of Vascular Tissue Engineering and Current State of the Art. <i>Cells Tissues Organs</i> , 2012, 195, 144-158.	1.3	152
21	Engineering Complex Tissues. <i>Science Translational Medicine</i> , 2012, 4, 160rv12.	5.8	436
22	Human fibroblast-derived ECM as a scaffold for vascular tissue engineering. <i>Biomaterials</i> , 2012, 33, 9205-9213.	5.7	82
23	Passive and active contributions to generated force and retraction in heart valve tissue engineering. <i>Biomechanics and Modeling in Mechanobiology</i> , 2012, 11, 1015-1027.	1.4	32
24	Tissue-Engineered Vascular Grafts: Autologous Off-the-Shelf Vascular Access?. <i>Seminars in Nephrology</i> , 2012, 32, 582-591.	0.6	18
25	Therapeutic potential for mesenchymal stem cell transplantation in critical limb ischemia. <i>Stem Cell Research and Therapy</i> , 2012, 3, 28.	2.4	143
26	Concise Review: Tissue-Engineered Vascular Grafts for Cardiac Surgery: Past, Present, and Future. <i>Stem Cells Translational Medicine</i> , 2012, 1, 566-571.	1.6	136
27	Micropatterned cell sheets with defined cell and extracellular matrix orientation exhibit anisotropic mechanical properties. <i>Journal of Biomechanics</i> , 2012, 45, 756-761.	0.9	45
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35	Polymer-based Scaffold Designs For In Situ Vascular Tissue Engineering: Controlling Recruitment and Differentiation Behavior of Endothelial Colony Forming Cells. <i>Macromolecular Bioscience</i> , 2012, 12, 577-590.	2.1	50
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39	Engineered arterial models to correlate blood flow to tissue biological response. <i>Annals of the New York Academy of Sciences</i> , 2012, 1254, 51-56.	1.8	6
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41	Biomimetic acellular detoxified glutaraldehyde cross-linked bovine pericardium for tissue engineering. <i>Materials Science and Engineering C</i> , 2013, 33, 1561-1572.	3.8	39
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43	Small diameter vascular graft engineered using human embryonic stem cell-derived mesenchymal cells. <i>Tissue Engineering - Part A</i> , 2013, 20, 131015043635000.	1.6	14
44	Bioengineering heart tissue for in vitro testing. <i>Current Opinion in Biotechnology</i> , 2013, 24, 926-932.	3.3	31
45	Potency evaluation of tissue engineered and regenerative medicine products. <i>Trends in Biotechnology</i> , 2013, 31, 505-514.	4.9	34
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54	Human progenitor cell recruitment via SDF-1Î± coacervate-laden PGS vascular grafts. <i>Biomaterials</i> , 2013, 34, 9877-9885.	5.7	73
55	Meeting the Need for Regenerative Therapies: Translation-Focused Analysis of U.S. Regenerative Medicine Opportunities in Cardiovascular and Peripheral Vascular Medicine Using Detailed Incidence Data. <i>Tissue Engineering - Part B: Reviews</i> , 2013, 19, 99-115.	2.5	9

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170	Cell-free vascular grafts: Recent developments and clinical potential. <i>Technology</i> , 2017, 05, 13-20.	1.4	18
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