

Beata A Butruk-Raszeja

List of Publications by Year in descending order

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26
papers

538
citations

759233

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Cylindrical Polyurethane Scaffold Fabricated Using the Phase Inversion Method: Influence of Process Parameters on Scaffolds' Morphology and Mechanical Properties. <i>Materials</i> , 2021, 14, 2977.	2.9	4
2	Effect of Extreme Ultraviolet (EUV) Radiation and EUV Induced, N ₂ and O ₂ Based Plasmas on a PEEK Surface's Physico-Chemical Properties and MG63 Cell Adhesion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8455.	4.1	14
3	Vascular Polyurethane Prostheses Modified with a Bioactive Coating's Physicochemical, Mechanical and Biological Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12183.	4.1	5
4	The effect of surface morphology on endothelial and smooth muscle cells growth on blow-spun fibrous scaffolds. <i>Journal of Biological Engineering</i> , 2021, 15, 27.	4.7	1
5	Physicochemical and Mechanical Properties of Blow Spun Nanofibrous Prostheses Modified with Acrylic Acid and REDV Peptide. <i>Coatings</i> , 2020, 10, 1110.	2.6	5
6	Surface Modification of PLLA, PTFE and PVDF with Extreme Ultraviolet (EUV) to Enhance Cell Adhesion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9679.	4.1	15
7	Evaluation of Sterilization/Disinfection Methods of Fibrous Polyurethane Scaffolds Designed for Tissue Engineering Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8092.	4.1	14
8	Polyvinylpyrrolidone (PVP) hydrogel coating for cylindrical polyurethane scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 111066.	5.0	29
9	Endothelial cell growth on polyurethane modified with acrylic acid and REDV peptide. <i>Surface Innovations</i> , 2020, 8, 89-104.	2.3	10
10	Fenton-type reaction grafting of polyvinylpyrrolidone onto polypropylene membrane for improving hemo- and biocompatibility. <i>Materials Science and Engineering C</i> , 2020, 113, 110960.	7.3	13
11	Electropolymerized hydrophilic coating on stainless steel for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 499-508.	5.0	16
12	Determination of polyurethane-grafted peptide (GSGREDVCGSG) using bicinchoninic acid assay. <i>BioTechniques</i> , 2018, 64, 245-253.	1.8	3
13	Surface modification and endothelialization of polyurethane for vascular tissue engineering applications: a review. <i>Biomaterials Science</i> , 2017, 5, 22-37.	5.4	130
14	Polyurethane modification with acrylic acid by Ce(IV)-initiated graft polymerization. <i>Open Chemistry</i> , 2016, 14, 206-214.	1.9	10
15	Endothelialization of polyurethanes: Surface silanization and immobilization of REDV peptide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 335-343.	5.0	28
16	Nanostructural haemocompatible coatings for the internal side of artificial blood vessels. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 119, 012030.	0.6	0
17	Cell membrane-mimicking coating for blood-contacting polyurethanes. <i>Journal of Biomaterials Applications</i> , 2015, 29, 801-812.	2.4	12
18	Athrombogenic hydrogel coatings for medical devices – Examination of biological properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 130, 192-198.	5.0	20

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19	Extreme ultraviolet (EUV) surface modification of polytetrafluoroethylene (PTFE) for control of biocompatibility. Nuclear Instruments & Methods in Physics Research B, 2015, 364, 98-107.	1.4	32
20	Dextran/Albumin hydrogel sealant for Dacron® vascular prosthesis. Journal of Biomaterials Applications, 2014, 28, 1386-1396.	2.4	18
21	Surface Endothelialization of Polyurethanes. Procedia Engineering, 2013, 59, 126-132.	1.2	9
22	Polyvinylpyrrolidone-Based Coatings for Polyurethanes – The Effect of Reagent Concentration on Their Chosen Physical Properties. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2012, 33, 563-571.	0.7	6
23	Fabrication of in-situ foamed chitosan/β-TCP scaffolds for bone tissue engineering application. Materials Letters, 2012, 85, 124-127.	2.6	61
24	Fabrication of biocompatible hydrogel coatings for implantable medical devices using Fenton-type reaction. Materials Science and Engineering C, 2012, 32, 1601-1609.	7.3	35
25	Simple method of fabrication of hydrophobic coatings for polyurethanes. Open Chemistry, 2011, 9, 1039-1045.	1.9	13
26	Fabrication and characterization of chitosan microspheres agglomerated scaffolds for bone tissue engineering. Materials Letters, 2010, 64, 1059-1062.	2.6	32