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Adsorption of blood proteins on glow-discharge-modified polyurethane membranes

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#	Paper	IF	Citations
31	Scanning probe microscopies for the characterization of porous solids: strengths and limitations. <i>Studies in Surface Science and Catalysis</i> , 2002 , 144, 1-10	1.8	7
30	Preparation of a novel metal-chelate affinity beads for albumin isolation from human plasma. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 2840-2847	2.9	21
29	Application of scanning tunneling and atomic force microscopies to the characterization of microporous and mesoporous materials. <i>Microporous and Mesoporous Materials</i> , 2003 , 65, 93-126	5.3	62
28	Polyurethanes in biomedical applications. <i>Advances in Experimental Medicine and Biology</i> , 2004 , 553, 83-106	10	65
27	Adherence of <i>Candida albicans</i> to glow-discharge modified acrylic denture base polymers. <i>Journal of Oral Rehabilitation</i> , 2005 , 32, 518-25	3.4	48
26	Adsorption of human salivary mucin MG1 onto glow-discharge plasma treated acrylic resin surfaces. <i>Journal of Oral Rehabilitation</i> , 2006 , 33, 775-83	3.4	10
25	Adsorption of fibrinogen onto macroporous, biocompatible sponges based on poly(2-hydroxyethyl methacrylate). <i>Journal of Applied Polymer Science</i> , 2006 , 102, 1341-1355	2.9	8
24	Glow discharge plasma treatment of polyethylene tubing with tetraglyme results in ultralow fibrinogen adsorption and greatly reduced platelet adhesion. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 79, 788-803	5.4	43
23	Synthesis and Modifications of Polyurethanes for Biomedical Purposes. <i>High Performance Polymers</i> , 2007 , 19, 621-637	1.6	46
22	Plasma modification of PMMA films: surface free energy and cell-attachment studies. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007 , 18, 759-73	3.5	37
21	Modulating bone cells response onto starch-based biomaterials by surface plasma treatment and protein adsorption. <i>Biomaterials</i> , 2007 , 28, 307-15	15.6	91
20	Fluorescence probe techniques to monitor protein adsorption-induced conformation changes on biodegradable polymers. <i>Journal of Colloid and Interface Science</i> , 2007 , 312, 193-200	9.3	39
19	Blood protein adsorption onto macroporous semi-interpenetrating polymer networks (IPNs) of poly(ethylene glycol) (PEG) and poly(2-hydroxyethyl methacrylate) (PHEMA) and assessment of in vitro blood compatibility. <i>Polymer International</i> , 2007 , 56, 231-244	3.3	23
18	Fibrinogen adsorption onto macroporous polymeric surfaces: correlation with biocompatibility aspects. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 343-57	4.5	21
17	Plasma surface modification of poly(D,L-lactic acid) as a tool to enhance protein adsorption and the attachment of different cell types. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008 , 87, 59-66	3.5	69
16	Dynamics of blood proteins adsorption onto poly (2-hydroxyethyl methacrylate)-silica nanocomposites: Correlation with biocompatibility. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 541-553	2.9	6
15	Surface Modification of Polyurethanes with Covalent Immobilization of Heparin. <i>Macromolecular Symposia</i> , 2008 , 269, 145-153	0.8	33

14	Biofilm formation, bacterial adhesion and host response on polymeric implants--issues and prevention. <i>Biomedical Materials (Bristol)</i> , 2008 , 3, 034003	3.5	254
13	Plasma Protein Adsorption and Platelet Adhesion on Heparin-Immobilized Polyurethane Films. <i>Journal of Bioactive and Compatible Polymers</i> , 2008 , 23, 505-519	2	31
12	Effect of oxygen plasma on surface properties and biocompatibility of PLGA films. <i>Surface and Interface Analysis</i> , 2010 , 42, 486-491	1.5	28
11	Solution cathode glow discharge induced vapor generation of iodine for determination by inductively coupled plasma optical emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2010 , 25, 1390	3.7	37
10	In Vitro Biocompatibility of n-Type and Undoped Silicon Nanowires. <i>Advanced Engineering Materials</i> , 2011 , 13, B3-B9	3.5	20
9	Variability of water uptake studies of biomedical polymers. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 1311-1320	2.9	20
8	Surface Modification of Polymeric Biomaterials. 2013 , 89-158		6
7	Properties and phase segregation of crosslinked PCL-based polyurethanes. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	20
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5	Detailed Study of BSA Adsorption on Micro- and Nanocrystalline Diamond/ESiC Composite Gradient Films by Time-Resolved Fluorescence Microscopy. <i>Langmuir</i> , 2017 , 33, 802-813	4	14
4	Preparation and properties of biomedical segmented polyurethanes based on poly(ether ester) and uniform-size diurethane diisocyanates. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017 , 28, 119-138	3.5	22
3	Scaffolds for blood vessel tissue engineering. 2019 , 659-684		
2	Tube-Based DBD Plasma Treatment for Improving the Performance of the Slippery Coating Layers on Medical Catheters. <i>IEEE Transactions on Plasma Science</i> , 2021 , 49, 162-167	1.3	2
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