

# Marcus Textor

## List of Publications by Year in descending order

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207  
papers

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citations

6254

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143  
g-index

216  
all docs

216  
docs citations

216  
times ranked

22503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanobiointerfaces: a themed collection. Biomaterials Science, 2018, 6, 706-707.	5.4	0
2	Bioinspired, nanoscale approaches in contemporary bioanalytics (Review). Biointerphases, 2018, 13, 040801.	1.6	12
3	Surface-assembled poly(l:C) on PEGylated PLGA microspheres as vaccine adjuvant: APC activation and bystander cell stimulation. International Journal of Pharmaceutics, 2016, 514, 176-188.	5.2	20
4	Osteogenic differentiation of human mesenchymal stem cells in the absence of osteogenic supplements: A surface-roughness gradient study. Acta Biomaterialia, 2015, 28, 64-75.	8.3	124
5	Regulation of Human Mesenchymal Stem Cell Osteogenesis by Specific Surface Density of Fibronectin: a Gradient Study. ACS Applied Materials & Interfaces, 2015, 7, 2367-2375.	8.0	37
6	A bioactive elastin-like recombinamer reduces unspecific protein adsorption and enhances cell response on titanium surfaces. Colloids and Surfaces B: Biointerfaces, 2014, 114, 225-233.	5.0	32
7	ToF-SIMS analysis of poly(l-lysine)-graft-poly(2-methyl-2-oxazoline) ultrathin adlayers. Analytical and Bioanalytical Chemistry, 2014, 406, 1509-1517.	3.7	7
8	Comparative assessment of the stability of nonfouling poly(2-methyl-2-oxazoline) and poly(ethylene Terephthalate) on titanium surfaces. Journal of Biomedical Materials Research Part B: Applied Biomaterials, 2014, 106, 1509-1517.	1.6	50
9	Differential regulation of osteogenic differentiation of stem cells on surface roughness gradients. Biomaterials, 2014, 35, 9023-9032.	11.4	226
10	The angiogenic response to PLL-g-PEG-mediated HIF-1 $\beta$ plasmid DNA delivery in healthy and diabetic rats. Biomaterials, 2013, 34, 4173-4182.	11.4	47
11	PEG-Stabilized Core-Shell Nanoparticles: Impact of Linear versus Dendritic Polymer Shell Architecture on Colloidal Properties and the Reversibility of Temperature-Induced Aggregation. ACS Nano, 2013, 7, 316-329.	14.6	176
12	Antimicrobial Properties of 8-Hydroxyserulat-14-en-19-oic Acid for Treatment of Implant-Associated Infections. Antimicrobial Agents and Chemotherapy, 2013, 57, 333-342.	3.2	19
13	Dendritic Spherical Polymer Brushes: Theory and Self-Consistent Field Modeling. Macromolecules, 2013, 46, 4651-4662.	4.8	35
14	Effect of Cell Shape and Dimensionality on Spindle Orientation and Mitotic Timing. PLoS ONE, 2013, 8, e66918.	2.5	16
15	The study of polarisation in single cells using model cell membranes. Integrative Biology (United Kingdom), 2013, 5, 1-11.	1.3	19
16	Micropatterning of Functional Conductive Polymers with Multiple Surface Chemistries in Register. Langmuir, 2012, 28, 6502-6511.	3.5	31
17	Polyoxazolines for Nonfouling Surface Coatings – A Direct Comparison to the Gold Standard PEG. Macromolecular Rapid Communications, 2012, 33, 1663-1676.	3.9	214
18	Controlled Breast Cancer Microarrays for the Deconvolution of Cellular Multilayering and Density Effects upon Drug Responses. PLoS ONE, 2012, 7, e40141.	2.5	25

#	ARTICLE	IF	CITATIONS
19	Using Complementary Acoustic and Optical Techniques for Quantitative Monitoring of Biomolecular Adsorption at Interfaces. Biosensors, 2012, 2, 341-376.	4.7	56
20	Supported Lipopolysaccharide Bilayers. Langmuir, 2012, 28, 12199-12208.	3.5	30
21	Surface assembly of poly(l:C) on PEGylated microspheres to shield from adverse interactions with fibroblasts. Journal of Controlled Release, 2012, 159, 204-214.	9.9	9
22	Evaluation of chemically modified SLA implants (modSLA) biofunctionalized with integrin (RGD) and heparin (KRSR) binding peptides. Journal of Biomedical Materials Research - Part A, 2012, 100A, 703-711.	4.0	16
23	Comparative Stability Studies of Poly(2-methyl-2-oxazoline) and Poly(ethylene glycol) Brush Coatings. Biointerphases, 2012, 7, 1.	1.6	616
24	Nanomedicine In Focus: Opportunities and Challenges Ahead. Biointerphases, 2012, 7, 19.	1.6	7
25	Mechanical properties of mushroom and brush poly(ethylene glycol)-phospholipid membranes. Soft Matter, 2011, 7, 9267.	2.7	33
26	Single cell 3-D platform to study ligand mobility in cell-cell contact. Lab on A Chip, 2011, 11, 2876.	6.0	45
27	Self-Assembly of Focal Point Oligo-catechol Ethylene Glycol Dendrons on Titanium Oxide Surfaces: Adsorption Kinetics, Surface Characterization, and Nonfouling Properties. Journal of the American Chemical Society, 2011, 133, 10940-10950.	13.7	185
28	“Docking Sites” Nanometer-Scale Organization of a Reactive, Protein-resistant, Graft Copolymer-Based Interface for Macromolecule Immobilization.. Biomacromolecules, 2011, 12, 4213-4220.	5.4	9
29	Influence of Electronegative Substituents on the Binding Affinity of Catechol-Derived Anchors to Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 683-691.	3.1	142
30	Supported lipid bilayer microarrays created by non-contact printing. Lab on A Chip, 2011, 11, 2403.	6.0	19
31	Engineered 3D environments to elucidate the effect of environmental parameters on drug response in cancer. Integrative Biology (United Kingdom), 2011, 3, 31-38.	1.3	59
32	Triggered Release from Liposomes through Magnetic Actuation of Iron Oxide Nanoparticle Containing Membranes. Nano Letters, 2011, 11, 1664-1670.	9.1	339
33	Formation of Nanopore-Spanning Lipid Bilayers through Liposome Fusion. Langmuir, 2011, 27, 10920-10928.	3.5	46
34	Substrate Adhesion Regulates Sealing Zone Architecture and Dynamics in Cultured Osteoclasts. PLoS ONE, 2011, 6, e28583.	2.5	41
35	Osteoblast response to titanium surfaces functionalized with extracellular matrix peptide biomimetics. Clinical Oral Implants Research, 2011, 22, 865-872.	4.5	58
36	Pleckstrin Homology-Phospholipase C-1 Interaction with Phosphatidylinositol 4,5-Bisphosphate Containing Supported Lipid Bilayers Monitored in Situ with Dual Polarization Interferometry. Analytical Chemistry, 2011, 83, 6267-6274.	6.5	23

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37	Stabilization and functionalization of iron oxide nanoparticles for biomedical applications. Nanoscale, 2011, 3, 2819.	5.6	360
38	Automated time-resolved analysis of bacteriaâ€“substrate interactions using functionalized microparticles and flow cytometry. Biomaterials, 2011, 32, 4347-4357.	11.4	11
39	Magnetic Decoupling of Surface Fe <sup>3+</sup> in Magnetite Nanoparticles upon Nitrocatecholâ€“Anchored Dispersant Binding. Chemistry - A European Journal, 2011, 17, 7396-7398.	3.3	15
40	Tuning the immune response of dendritic cells to surface-assembled poly(I:C) on microspheres through synergistic interactions between phagocytic and TLR3 signaling. Biomaterials, 2011, 32, 2651-2661.	11.4	21
41	Formation and characterization of DNA-polymer-condensates based on poly(2-methyl-2-oxazoline) grafted poly(l-lysine) for non-viral delivery of therapeutic DNA. Biomaterials, 2011, 32, 5291-5303.	11.4	56
42	Designed polymer structures with antifoulingâ€“antimicrobial properties. Reactive and Functional Polymers, 2011, 71, 329-334.	4.1	118
43	Design of a high-throughput device for screening surface modification protocols. Progress in Organic Coatings, 2010, 67, 20-27.	3.9	3
44	Enhanced osteoblastic activity and bone regeneration using surfaceâ€“modified porous bioactive glass scaffolds. Journal of Biomedical Materials Research - Part A, 2010, 94A, 1023-1033.	4.0	45
45	Solid on liquid deposition. Thin Solid Films, 2010, 518, 5061-5065.	1.8	29
46	The role of the interplay between polymer architecture and bacterial surface properties on the microbial adhesion to polyoxazoline-based ultrathin films. Biomaterials, 2010, 31, 9462-9472.	11.4	114
47	Self-Assembly of Iron Oxide-Poly(ethylene glycol) Coreâ€“Shell Nanoparticles at Liquidâ€“Liquid Interfaces. Chimia, 2010, 64, 145-149.	0.6	20
48	Grazing Incidence Small Angle X-ray Scattering on Colloidal Crystals. Journal of Physical Chemistry B, 2010, 114, 12473-12479.	2.6	13
49	Particle Lithography from Colloidal Self-Assembly at Liquidâ€“Liquid Interfaces. ACS Nano, 2010, 4, 5665-5670.	14.6	141
50	Characterization of supported lipid bilayers incorporating and phosphoinositol-3,4,5-triphosphate by complementary techniques. Biointerphases, 2010, 5, 114-119.	1.6	22
51	One-Step Method for Generating PEG-Like Plasma Polymer Gradients: Chemical Characterization and Analysis of Protein Interactions. Langmuir, 2010, 26, 13987-13994.	3.5	48
52	Dendritic versus Linear Polymer Brushes: Self-Consistent Field Modeling, Scaling Theory, and Experiments. Macromolecules, 2010, 43, 9555-9566.	4.8	65
53	Surface Assembly of Catechol-Functionalized Poly(â€“lâ€“lysine)-â€“graftâ€“poly(ethylene Tj ETQq1 1 0.784314 rgBT /Overlook Biomimetic Strong Adhesion. Macromolecules, 2010, 43, 1050-1060.	4.8	99
54	Self-Assembly of Poly(ethylene glycol)â€“Poly(alkyl phosphonate) Terpolymers on Titanium Oxide Surfaces: Synthesis, Interface Characterization, Investigation of Nonfouling Properties, and Long-Term Stability. Langmuir, 2010, 26, 74-82.	3.5	96

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55	Poly(ethylene glycol) Adlayers Immobilized to Metal Oxide Substrates Through Catechol Derivatives: Influence of Assembly Conditions on Formation and Stability. Langmuir, 2010, 26, 4018-4026.	3.5	115
56	Ru(II) Glycodendrimers as Probes to Study Lectin~Carbohydrate Interactions and Electrochemically Measure Monosaccharide and Oligosaccharide Concentrations. Langmuir, 2010, 26, 1520-1523.	3.5	35
57	Dimensionality Controls Cytoskeleton Assembly and Metabolism of Fibroblast Cells in Response to Rigidity and Shape. PLoS ONE, 2010, 5, e9445.	2.5	83
58	An RGD-restricted substrate interface is sufficient for the adhesion, growth and cartilage forming capacity of human chondrocytes. , 2010, 20, 316-328.		23
59	Furanone at Subinhibitory Concentrations Enhances Staphylococcal Biofilm Formation by <i>luxS</i> Repression. Antimicrobial Agents and Chemotherapy, 2009, 53, 4159-4166.	3.2	93
60	Fabrication of TiO <sub>2</sub> -coated epoxy replicas with identical dual-type surface topographies used in cell culture assays. Journal of Biomedical Materials Research - Part A, 2009, 88A, 12-22.	4.0	35
61	Comparison of the response of cultured osteoblasts and osteoblasts outgrown from rat calvarial bone chips to nonfouling KRSR and FHRRIKA~peptide modified rough titanium surfaces. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 517-527.	3.4	44
62	Surface Functionalization of Single Superparamagnetic Iron Oxide Nanoparticles for Targeted Magnetic Resonance Imaging. Small, 2009, 5, 1334-1342.	10.0	203
63	Microarray spotting of nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 346, 61-65.	4.7	6
64	Liposomes Tethered to Omega-Functional PEG Brushes and Induced Formation of PEG Brush Supported Planar Lipid Bilayers. Langmuir, 2009, 25, 13534-13539.	3.5	29
65	Covalent Immobilization of Antibacterial Furanones via Photochemical Activation of Perfluorophenylazide. Langmuir, 2009, 25, 7432-7437.	3.5	44
66	Poly(methacrylic acid) Grafts Grown from Designer Surfaces: The Effect of Initiator Coverage on Polymerization Kinetics, Morphology, and Properties. Macromolecules, 2009, 42, 1640-1647.	4.8	46
67	Integration column: microwell arrays for mammalian cell culture. Integrative Biology (United Tj ETQq1 1 0.784314,rgBT /Overlock 10	1.3	125
68	Ultrastable Iron Oxide Nanoparticle Colloidal Suspensions Using Dispersants with Catechol-Derived Anchor Groups. Nano Letters, 2009, 9, 4042-4048.	9.1	411
69	A detailed investigation of the formation kinetics and layer structure of poly(ethylene glycol) tether supported lipid bilayers. Soft Matter, 2009, 5, 2804.	2.7	44
70	Formation of supported lipid bilayers on indium tin oxide for dynamically-patterned membrane-functionalized microelectrode arrays. Lab on A Chip, 2009, 9, 718-725.	6.0	31
71	Micropatterning of gold substrates based on poly(propylene sulfide-bl-ethylene glycol), (PPS~PEG) background passivation and the molecular-assembly patterning by lift-off (MAPL) technique. Surface Science, 2008, 602, 2305-2310.	1.9	15
72	Protein~Resistant Surfaces through Mild Dopamine Surface Functionalization. Chemistry - A European Journal, 2008, 14, 10579-10584.	3.3	70

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73	Structural Evolution of Self-Assembled Alkanephosphate Monolayers on TiO <sub>2</sub> . ChemPhysChem, 2008, 9, 1979-1981.	2.1	29
74	Reduced medical infection related bacterial strains adhesion on bioactive RGD modified titanium surfaces: A first step toward cell selective surfaces. Journal of Biomedical Materials Research - Part A, 2008, 84A, 425-435.	4.0	118
75	Probing Protein-Chaperone Interactions with Single-Molecule Fluorescence Spectroscopy. Angewandte Chemie - International Edition, 2008, 47, 6184-6188.	13.8	68
76	An Engineered Mannoside Presenting Platform: <i>Escherichia coli</i> Adhesion under Static and Dynamic Conditions. Advanced Functional Materials, 2008, 18, 1459-1469.	14.9	45
77	Polyelectrolyte Coatings with a Potential for Electronic Control and Cell Sheet Engineering. Advanced Materials, 2008, 20, 560-565.	21.0	100
78	Formation of supported bacterial lipid membrane mimics. Biointerphases, 2008, 3, FA41-FA50.	1.6	72
79	Lipid redistribution in phosphatidylserine-containing vesicles adsorbing on titania. Biointerphases, 2008, 3, FA90-FA95.	1.6	27
80	Stable Stealth Function for Hollow Polyelectrolyte Microcapsules through a Poly(ethylene glycol) Grafted Polyelectrolyte Adlayer. Biomacromolecules, 2008, 9, 100-108.	5.4	105
81	Optical Anisotropy of Supported Lipid Structures Probed by Waveguide Spectroscopy and Its Application to Study of Supported Lipid Bilayer Formation Kinetics. Analytical Chemistry, 2008, 80, 3666-3676.	6.5	154
82	Poly-2-methyl-2-oxazoline: A Peptide-like Polymer for Protein-Repellent Surfaces. Langmuir, 2008, 24, 613-616.	3.5	315
83	Multiple Transmission-Reflection Infrared Spectroscopy for High-Sensitivity Measurement of Molecular Monolayers on Silicon Surfaces. Journal of Physical Chemistry A, 2008, 112, 12372-12377.	2.5	32
84	Characterization of PLL-g-PEG-DNA Nanoparticles for the Delivery of Therapeutic DNA. Bioconjugate Chemistry, 2008, 19, 548-557.	3.6	40
85	Adsorption of Molecular Brushes with Polyelectrolyte Backbones onto Oppositely Charged Surfaces: A Self-Consistent Field Theory. Langmuir, 2008, 24, 7232-7244.	3.5	35
86	Understanding Self-Assembled Amphiphilic Peptide Supramolecular Structures from Primary Structure Helix Propensity. Langmuir, 2008, 24, 7645-7647.	3.5	29
87	Mannose-Based Molecular Patterns on Stealth Microspheres for Receptor-Specific Targeting of Human Antigen-Presenting Cells. Langmuir, 2008, 24, 11790-11802.	3.5	56
88	Carboxy-Terminated Oligo(ethylene glycol)-Alkane Phosphate: Synthesis and Self-Assembly on Titanium Oxide Surfaces. Langmuir, 2007, 23, 377-381.	3.5	59
89	Issues of Ligand Accessibility and Mobility in Initial Cell Attachment. Langmuir, 2007, 23, 11693-11704.	3.5	43
90	Functionalizable Nanomorphology Gradients via Colloidal Self-Assembly. Langmuir, 2007, 23, 5929-5935.	3.5	55

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91	Micro-well arrays for 3D shape control and high resolution analysis of single cells. Lab on A Chip, 2007, 7, 1074.	6.0	199
92	Patterned cell adhesion by self-assembled structures for use with a CMOS cell-based biosensor. Biosensors and Bioelectronics, 2007, 22, 1426-1433.	10.1	34
93	The use of biotinâ€“avidin binding to facilitate biomodification of thermoresponsive culture surfaces. Biomaterials, 2007, 28, 5471-5476.	11.4	41
94	Enzymes on nanotubes thwart fouling. Nature Nanotechnology, 2007, 2, 138-139.	31.5	23
95	Adhesion of Polyelectrolyte Microcapsules through Biotinâ€™Streptavidin Specific Interaction. Biomacromolecules, 2006, 7, 2331-2336.	5.4	16
96	Large Area Protein Nanopatterning for Biological Applications. Nano Letters, 2006, 6, 1165-1171.	9.1	125
97	Biomedical interfaces: titanium surface technology for implants and cell carriers. Nanomedicine, 2006, 1, 449-463.	3.3	95
98	Monitoring kinetics of surface initiated atom transfer radical polymerization by quartz crystal microbalance with dissipation. Biointerphases, 2006, 1, 35-39.	1.6	32
99	Microfabricated three-dimensional environments for single cell studies. Biointerphases, 2006, 1, P1-P4.	1.6	37
100	Surface plasmon optical detection of Î²-lactamase binding to different interfacial matrices combined with fiber optic absorbance spectroscopy for enzymatic activity assays. Biointerphases, 2006, 1, 73-81.	1.6	13
101	Phagocytosis of poly(L-lysine)-graft-poly (ethylene glycol) coated microspheres by antigen presenting cells: Impact of grafting ratio and poly (ethylene glycol) chain length on cellular recognition. Biointerphases, 2006, 1, 123-133.	1.6	28
102	High Salt Stability and Protein Resistance of Poly(l-lysine)-g-poly(ethylene glycol) Copolymers Covalently Immobilized via Aldehyde Plasma Polymer Interlayers on Inorganic and Polymeric Substrates. Langmuir, 2006, 22, 5760-5769.	3.5	113
103	Biomimetic Surface Modifications Based on the Cyanobacterial Iron Chelator Anachelin. Journal of the American Chemical Society, 2006, 128, 1064-1065.	13.7	142
104	Asymmetric Distribution of Phosphatidyl Serine in Supported Phospholipid Bilayers on Titanium Dioxide. Langmuir, 2006, 22, 3467-3473.	3.5	100
105	Functionalization of Titanium Oxide Surfaces by Means of Poly(alkyl-phosphonates). Journal of Physical Chemistry B, 2006, 110, 25603-25605.	2.6	59
106	The Cell Penetrating Peptides pVEC and W2-pVEC Induce Transformation of Gel Phase Domains in Phospholipid Bilayers without Affecting Their Integrity. Biochemistry, 2006, 45, 3598-3609.	2.5	36
107	Enhanced bone apposition around biofunctionalized sandblasted and acid-etched titanium implant surfaces. A histomorphometric study in miniature pigs. Clinical Oral Implants Research, 2006, 17, 251-257.	4.5	118
108	Waveguide excitation fluorescence microscopy: A new tool for sensing and imaging the biointerface. Biosensors and Bioelectronics, 2006, 21, 1476-1482.	10.1	89



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109	Pattern stability under cell culture conditionsâ€”A comparative study of patterning methods based on PLL-g-PEG background passivation. Biomaterials, 2006, 27, 2534-2541.	11.4	89
110	Surface engineering approaches to micropattern surfaces for cell-based assays. Biomaterials, 2006, 27, 3044-3063.	11.4	881
111	Biomimetic modification of titanium dental implant model surfaces using the RGDSP-peptide sequence: A cell morphology study. Biomaterials, 2006, 27, 4003-4015.	11.4	205
112	Adsorption and electrically stimulated desorption of the triblock copolymer poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T 1510-1517.	1.9	15
113	Silk fibroin as an organic polymer for controlled drug delivery. Journal of Controlled Release, 2006, 111, 219-227.	9.9	328
114	Merging Organic and Polymer Chemistries to Create Glycomaterials for Glycomics Applications. Macromolecular Bioscience, 2006, 6, 634-647.	4.1	53
115	Nitrilotriacetic Acid Functionalized Graft Copolymers: A Polymeric Interface for Selective and Reversible Binding of Histidine-Tagged Proteins. Advanced Functional Materials, 2006, 16, 243-251.	14.9	116
116	Electrically-Assisted Formation and Desorption of Dodecyl Phosphate Self-Assembled Monolayers on Indium Tin Oxide Surfaces. ECS Transactions, 2006, 1, 29-43.	0.5	1
117	Enhanced optical waveguide light mode spectroscopy via detection of fluorophore absorbance. Review of Scientific Instruments, 2006, 77, 103105.	1.3	3
118	Bioactive Patterns at the 100-nm Scale Produced Using Multifunctional Physisorbed Monolayers. MRS Bulletin, 2005, 30, 202-206.	3.5	35
119	Synergistic interaction of topographic features in the production of bone-like nodules on Ti surfaces by rat osteoblasts. Biomaterials, 2005, 26, 1119-1130.	11.4	59
120	Locally Addressable Electrochemical Patterning Technique (LAEPT) applied to poly(L-lysine)-graft-poly(ethylene glycol) adlayers on titanium and silicon oxide surfaces. Biotechnology and Bioengineering, 2005, 91, 285-295.	3.3	22
121	Biofunctional Polyelectrolyte Multilayers and Microcapsules: Control of Non-Specific and Bio-Specific Protein Adsorption. Advanced Functional Materials, 2005, 15, 357-366.	14.9	159
122	Whole blood coagulation on protein adsorption-resistant PEG and peptide functionalised PEG-coated titanium surfaces. Biomaterials, 2005, 26, 861-872.	11.4	140
123	An inverted microcontact printing method on topographically structured polystyrene chips for arrayed micro-3-D culturing of single cells. Biomaterials, 2005, 26, 5917-5925.	11.4	148
124	Relationship between Interfacial Forces Measured by Colloid-Probe Atomic Force Microscopy and Protein Resistance of Poly(ethylene glycol)-Grafted Poly(L-lysine) Adlayers on Niobia Surfaces. Langmuir, 2005, 21, 6508-6520.	3.5	125
125	Self-assembly of functionalized spherical nanoparticles on chemically patterned microstructures. Nanotechnology, 2005, 16, 3045-3052.	2.6	25
126	Investigating the properties of supported vesicular layers on titanium dioxide by quartz crystal microbalance with dissipation measurements. Journal of Chemical Physics, 2005, 122, 204711.	3.0	101



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127	Influence of Poly(propylene sulfide-block-ethylene glycol) Di- and Triblock Copolymer Architecture on the Formation of Molecular Adlayers on Gold Surfaces and Their Effect on Protein Resistance: A Candidate for Surface Modification in Biosensor Research. <i>Macromolecules</i> , 2005, 38, 10503-10510.	4.8	72
128	A novel crossed microfluidic device for the precise positioning of proteins and vesicles. <i>Lab on A Chip</i> , 2005, 5, 1387.	6.0	35
129	Tuned Graft Copolymers as Controlled Coatings for DNA Microarrays. <i>Analytical Chemistry</i> , 2005, 77, 5831-5838.	6.5	25
130	NTA-Functionalized Poly(L-lysine)-g-Poly(Ethylene Glycol): A Polymeric Interface for Binding and Studying 6 His-tagged Proteins. , 2005, 2006, 1036-8.		4
131	Interactions between Titanium Dioxide and Phosphatidyl Serine-Containing Liposomes: Formation and Patterning of Supported Phospholipid Bilayers on the Surface of a Medically Relevant Material. <i>Langmuir</i> , 2005, 21, 6443-6450.	3.5	145
132	Combined Affinity and Catalytic Biosensor: In Situ Enzymatic Activity Monitoring of Surface-Bound Enzymes. <i>Journal of the American Chemical Society</i> , 2005, 127, 13084-13085.	13.7	47
133	Bending Rigidity and Induced Persistence Length of Molecular Bottle Brushes: A Self-Consistent-Field Theory. <i>Macromolecules</i> , 2005, 38, 8891-8901.	4.8	122
134	Influence of PEG Architecture on Protein Adsorption and Conformation. <i>Langmuir</i> , 2005, 21, 12327-12332.	3.5	312
135	Effects of Ionic Strength and Surface Charge on Protein Adsorption at PEGylated Surfaces. <i>Journal of Physical Chemistry B</i> , 2005, 109, 17545-17552.	2.6	289
136	Selective molecular assembly patterning at the nanoscale: a novel platform for producing protein patterns by electron-beam lithography on SiO <sub>2</sub> /indium tin oxide-coated glass substrates. <i>Nanotechnology</i> , 2005, 16, 1781-1786.	2.6	46
137	Protein Resistance of Titanium Oxide Surfaces Modified by Biologically Inspired mPEG-DOPA. <i>Langmuir</i> , 2005, 21, 640-646.	3.5	423
138	Anodic plasma-chemical treatment of CP titanium surfaces for biomedical applications. <i>Biomaterials</i> , 2004, 25, 593-606.	11.4	191
139	A Combined Photolithographic and Molecular-Assembly Approach to Produce Functional Micropatterns for Applications in the Biosciences. <i>Advanced Functional Materials</i> , 2004, 14, 749-756.	14.9	184
140	Effect of titanium surface topography on macrophage activation and secretion of proinflammatory cytokines and chemokines. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 70A, 194-205.	3.1	243
141	Staphylococcus aureus adhesion to titanium oxide surfaces coated with non-functionalized and peptide-functionalized poly(L-lysine)-grafted-poly(ethylene glycol) copolymers. <i>Biomaterials</i> , 2004, 25, 4135-4148.	11.4	347
142	A novel generic platform for chemical patterning of surfaces. <i>Progress in Surface Science</i> , 2004, 76, 55-69.	8.3	49
143	Reduction of Friction at Oxide Interfaces upon Polymer Adsorption from Aqueous Solutions. <i>Langmuir</i> , 2004, 20, 423-428.	3.5	88
144	Immobilization of the Enzyme $\beta$ -Lactamase on Biotin-Derivatized Poly(L-lysine)-g-poly(ethylene glycol) and in Situ Optical Sensing. <i>Langmuir</i> , 2004, 20, 10464-10473.	3.5	64

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145	A Novel Approach to Produce Protein Nanopatterns by Combining Nanoimprint Lithography and Molecular Self-Assembly. Nano Letters, 2004, 4, 1909-1914.	9.1	194
146	Characterization of Poly(L-lysine)-graft-Poly(ethylene glycol) Assembled Monolayers on Niobium Pentoxide Substrates Using Time-of-Flight Secondary Ion Mass Spectrometry and Multivariate Analysis. Analytical Chemistry, 2004, 76, 1483-1492.	6.5	53
147	Bovine Serum Albumin Adsorption onto Colloidal Al <sub>2</sub> O <sub>3</sub> Particles: A New Model Based on Zeta Potential and UV-Vis Measurements. Langmuir, 2004, 20, 10055-10061.	3.5	289
148	Interaction of Poly(L-Lysine)-g-Poly(Ethylene Glycol) with Supported Phospholipid Bilayers. Biophysical Journal, 2004, 87, 1711-1721.	0.5	47
149	Title is missing!. Tribology Letters, 2003, 15, 231-239.	2.6	136
150	Ligand-specific targeting of microspheres to phagocytes by surface modification with poly(L-lysine)-grafted poly(ethylene glycol) conjugate. Pharmaceutical Research, 2003, 20, 237-246.	3.5	109
151	Electrochemical optical waveguide lightmode spectroscopy (EC-OWLS): A pilot study using evanescent-field optical sensing under voltage control to monitor polycationic polymer adsorption onto indium tin oxide (ITO)-coated waveguide chips. Biotechnology and Bioengineering, 2003, 82, 465-473.	3.3	69
152	Chemically patterned, metal oxide based surfaces produced by photolithographic techniques for studying protein- and cell-surface interactions I: Microfabrication and surface characterization. Biomaterials, 2003, 24, 1133-1145.	11.4	56
153	Chemically patterned, metal-oxide-based surfaces produced by photolithographic techniques for studying protein- and cell-interactions. II: Protein adsorption and early cell interactions. Biomaterials, 2003, 24, 1147-1158.	11.4	105
154	Microcontact printing of novel co-polymers in combination with proteins for cell-biological applications. Biomaterials, 2003, 24, 1713-1720.	11.4	201
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156	Chemisorbed poly(propylene sulphide)-based copolymers resist biomolecular interactions. Nature Materials, 2003, 2, 259-264.	27.5	214
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