

Peter Kingshott

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/422448/publications.pdf>

Version: 2024-02-01

165
papers

7,755
citations

46918

47
h-index

62479

80
g-index

169
all docs

169
docs citations

169
times ranked

10453
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Liver Extracellular Matrix in Predicting Drug-Induced Liver Injury: An Alternate Paradigm. ACS Biomaterials Science and Engineering, 2022, 8, 834-846.	2.6	8
2	A nanofiber based antiviral (TAF) prodrug delivery system. Materials Science and Engineering C, 2022, 133, 112626.	3.8	1
3	Multifunctional cold spray coatings for biological and biomedical applications: A review. Progress in Surface Science, 2022, 97, 100654.	3.8	27
4	The Mechanisms of Restenosis and Relevance to Next Generation Stent Design. Biomolecules, 2022, 12, 430.	1.8	20
5	Advancing of 3D-Printed Titanium Implants with Combined Antibacterial Protection Using Ultrasharp Nanostructured Surface and Gallium-Releasing Agents. ACS Biomaterials Science and Engineering, 2022, 8, 314-327.	2.6	13
6	Galactose Tethered Decellularized Liver Matrix: Toward a Biomimetic and Biofunctional Matrix for Liver Tissue Engineering. ACS Applied Bio Materials, 2022, 5, 3023-3037.	2.3	0
7	Indirect co-culture of lung carcinoma cells with hyperthermia-treated mesenchymal stem cells influences tumor spheroid growth in a collagen-based 3-dimensional microfluidic model. Cytotherapy, 2021, 23, 25-36.	0.3	23
8	Laminin coated diamond electrodes for neural stimulation. Materials Science and Engineering C, 2021, 118, 111454.	3.8	12
9	Harnessing Colloidal Self-Assembled Patterns (cSAPs) to Regulate Bacterial and Human Stem Cell Response at Biointerfaces <i>In Vitro</i> and <i>In Vivo</i>. ACS Applied Materials & Interfaces, 2021, 13, 20982-20994.	4.0	7
10	Conductive, Acid-Doped Polyaniline Electrospun Nanofiber Gas Sensing Substrates Made Using a Facile Dissolution Method. ACS Applied Materials & Interfaces, 2021, 13, 52950-52959.	4.0	4
11	Decontamination-Induced Modification of Bioactivity in Essential Oil-Based Plasma Polymer Coatings. Molecules, 2021, 26, 7133.	1.7	4
12	Colloidal Self-Assembled Patterns Maintain the Pluripotency and Promote the Hemopoietic Potential of Human Embryonic Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 771773.	1.8	4
13	Harnessing the perinuclear actin cap (pnAC) to influence nanocarrier trafficking and gene transfection efficiency in skeletal myoblasts using nanopillars. Acta Biomaterialia, 2020, 111, 221-231.	4.1	6
14	Binary Colloidal Crystal (BCC) Substrates for Controlling the Fate of Mouse Embryonic Stem Cells. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111133.	2.5	3
15	Decoration of Material Surfaces with Complex Physicochemical Signals for Biointerface Applications. ACS Biomaterials Science and Engineering, 2020, 6, 1836-1851.	2.6	19
16	Activity of Cinnamaldehyde on Quorum Sensing and Biofilm Susceptibility to Antibiotics in Pseudomonas aeruginosa. Microorganisms, 2020, 8, 455.	1.6	38
17	Two-Photon Dual-Emissive Carbon Dot-Based Probe: Deep-Tissue Imaging and Ultrasensitive Sensing of Intracellular Ferric Ions. ACS Applied Materials & Interfaces, 2020, 12, 18395-18406.	4.0	78
18	Selective Cytotoxicity of a Novel Trp-Rich Peptide against Lung Tumor Spheroids Encapsulated inside a 3D Microfluidic Device. Advanced Biology, 2020, 4, e1900285.	3.0	19

#	ARTICLE	IF	CITATIONS
19	Effect of titanium surface topography on plasma deposition of antibacterial polymer coatings. Applied Surface Science, 2020, 521, 146375.	3.1	29
20	Antimicrobial Peptide-Based Electrospun Fibers for Wound Healing Applications. Macromolecular Bioscience, 2019, 19, e1800488.	2.1	61
21	Tunable Chemical and Topographic Patterns Based on Binary Colloidal Crystals (BCCs) to Modulate MG63 Cell Growth. Advanced Functional Materials, 2019, 29, 1904262.	7.8	18
22	Decellularized extracellular matrix hydrogels' cell behavior as a function of matrix stiffness. Current Opinion in Biomedical Engineering, 2019, 10, 123-133.	1.8	18
23	Photo-crosslinked coatings based on 2-hydroxypropyl acrylamide for the prevention of biofouling. Journal of Materials Chemistry B, 2019, 7, 3520-3527.	2.9	17
24	On-chip anticancer drug screening – Recent progress in microfluidic platforms to address challenges in chemotherapy. Biosensors and Bioelectronics, 2019, 137, 236-254.	5.3	68
25	Binary Colloidal Crystals Drive Spheroid Formation and Accelerate Maturation of Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes. ACS Applied Materials & Interfaces, 2019, 11, 3679-3689.	4.0	25
26	Controlled Attachment of <i>Pseudomonas aeruginosa</i> with Binary Colloidal Crystal-Based Topographies. Small, 2018, 14, e1703574.	5.2	15
27	Binary Colloidal Crystal Layers as Platforms for Surface Patterning of Puroindoline-Based Antimicrobial Peptides. ACS Applied Materials & Interfaces, 2018, 10, 2264-2274.	4.0	19
28	Fibroblast Responses Toward Colloidal Assemblies and Plasma Polymer Coating. IEEE Nanotechnology Magazine, 2018, 17, 385-388.	1.1	5
29	Minimal attachment of <i>Pseudomonas aeruginosa</i> to DNA modified surfaces. Biointerphases, 2018, 13, 06E405.	0.6	12
30	Distinguishing surface sites involved in the adsorption of lead onto sinapinaldehyde-functionalised mesocellular foam mesoporous silica. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 552, 153-160.	2.3	18
31	Topographical Modulation of Pluripotency and Differentiation of Human Embryonic Stem Cells. IEEE Nanotechnology Magazine, 2018, 17, 381-384.	1.1	8
32	The influence of PEG-thiol derivatives on controlling cellular and bacterial interactions with gold surfaces. Applied Surface Science, 2018, 462, 980-990.	3.1	18
33	Binary colloidal crystals (BCCs): Interactions, fabrication, and applications. Advances in Colloid and Interface Science, 2018, 261, 102-127.	7.0	33
34	Cinnamaldehyde disrupts biofilm formation and swarming motility of <i>Pseudomonas aeruginosa</i> . Microbiology (United Kingdom), 2018, 164, 1087-1097.	0.7	46
35	Heterogeneity of mesenchymal and pluripotent stem cell populations grown on nanogrooves and nanopillars. Journal of Materials Chemistry B, 2017, 5, 7927-7938.	2.9	24
36	Colloid-probe AFM studies of the surface functionality and adsorbed proteins on binary colloidal crystal layers. RSC Advances, 2017, 7, 7329-7337.	1.7	3

#	ARTICLE	IF	CITATIONS
37	Modulation of human mesenchymal and pluripotent stem cell behavior using biophysical and biochemical cues: A review. <i>Biotechnology and Bioengineering</i> , 2017, 114, 260-280.	1.7	69
38	Tuning the Density of Poly(ethylene glycol) Chains to Control Mammalian Cell and Bacterial Attachment. <i>Polymers</i> , 2017, 9, 343.	2.0	20
39	A Novel Approach to Quantitatively Assess the Uniformity of Binary Colloidal Crystal Assemblies. <i>Crystals</i> , 2016, 6, 84.	1.0	3
40	Rapid Self-Assembly of Shaped Microtiles into Large, Close-Packed Crystalline Monolayers on Solid Surfaces. <i>Small</i> , 2016, 12, 1309-1314.	5.2	15
41	Stimulation of Early Osteochondral Differentiation of Human Mesenchymal Stem Cells Using Binary Colloidal Crystals (BCCs). <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4477-4488.	4.0	41
42	Modulation of human multipotent and pluripotent stem cells using surface nanotopographies and surface-immobilised bioactive signals: A review. <i>Acta Biomaterialia</i> , 2016, 45, 31-59.	4.1	80
43	Adsorption of Human Plasma Albumin and Fibronectin onto Nanostructured Black Silicon Surfaces. <i>Langmuir</i> , 2016, 32, 10744-10751.	1.6	27
44	Binary colloidal crystals (BCCs) as a feeder-free system to generate human induced pluripotent stem cells (hiPSCs). <i>Scientific Reports</i> , 2016, 6, 36845.	1.6	32
45	Enhanced attachment of human mesenchymal stem cells on nanograined titania surfaces. <i>RSC Advances</i> , 2016, 6, 55825-55833.	1.7	13
46	Colloidal Crystals: Guiding the Dewetting of Thin Polymer Films by Colloidal Imprinting (<i>Adv. Mater.</i>)	2.9	10
47	Colloidal crystal based plasma polymer patterning to control <i>Pseudomonas aeruginosa</i> attachment to surfaces. <i>Biointerphases</i> , 2015, 10, 04A309.	0.6	12
48	Response of MG63 osteoblast-like cells to ordered nanotopographies fabricated using colloidal self-assembly and glancing angle deposition. <i>Biointerphases</i> , 2015, 10, 04A306.	0.6	13
49	Quantitative Analyses of MWCNT-Ti Powder Mixtures using Raman Spectroscopy: The Influence of Milling Parameters on Nanostructural Evolution. <i>Advanced Engineering Materials</i> , 2015, 17, 1660-1669.	1.6	78
50	Guiding the Dewetting of Thin Polymer Films by Colloidal Imprinting. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500068.	1.9	5
51	Controlled Release of Retinyl Acetate from β -Cyclodextrin Functionalized Poly(vinyl alcohol) Electrospun Nanofibers. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3481-3488.	2.4	38
52	Modulation of Human Mesenchymal Stem Cell Behavior on Ordered Tantalum Nanotopographies Fabricated Using Colloidal Lithography and Glancing Angle Deposition. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4979-4989.	4.0	59
53	Optimizing the surface density of polyethylene glycol chains by grafting from binary solvent mixtures. <i>Applied Surface Science</i> , 2015, 341, 134-141.	3.1	15
54	Colloid-probe AFM studies of the interaction forces of proteins adsorbed on colloidal crystals. <i>Soft Matter</i> , 2015, 11, 3188-3197.	1.2	8

#	ARTICLE	IF	CITATIONS
55	Electrospun Polystyrene Fiber Diameter Influencing Bacterial Attachment, Proliferation, and Growth. ACS Applied Materials & Interfaces, 2015, 7, 7644-7652.	4.0	84
56	Self-assembled binary colloidal crystal monolayers as cell culture substrates. Journal of Materials Chemistry B, 2015, 3, 2545-2552.	2.9	49
57	Bacterial response to different surface chemistries fabricated by plasma polymerization on electrospun nanofibers. Biointerphases, 2015, 10, 04A301.	0.6	32
58	Carbon Nanotube Reinforced Titanium Metal Matrix Composites Prepared by Powder Metallurgy—A Review. Critical Reviews in Solid State and Materials Sciences, 2015, 40, 38-55.	6.8	137
59	Manufacture of Chemically Modified Antibacterial Surfaces. , 2015, , 61-88.		1
60	Electrospun Nanofibers as Dressings for Chronic Wound Care: Advances, Challenges, and Future Prospects. Macromolecular Bioscience, 2014, 14, 772-792.	2.1	455
61	Polymerizable Peptide Copolymer Coatings for the Control of Biointerfacial Interactions. Biomacromolecules, 2014, 15, 2265-2273.	2.6	9
62	Surface Analysis of PEGylated Nano-Shields on Nanoparticles Installed by Hydrophobic Anchors. Pharmaceutical Research, 2013, 30, 1758-1767.	1.7	10
63	Use of polystyrene brushes to investigate the role of interface between substrates and thin homogeneous films. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 1149-1156.	2.4	3
64	Physicochemical characterization of fish protein adlayers with bacteria repelling properties. Colloids and Surfaces B: Biointerfaces, 2013, 102, 504-510.	2.5	10
65	Surface chemistry of grafted expanded poly(tetrafluoroethylene) membranes modifies the <i>in vitro</i> proinflammatory response in macrophages. Journal of Biomedical Materials Research - Part A, 2013, 101A, 1047-1058.	2.1	12
66	The Role of Nanometer-Scaled Ligand Patterns in Polyvalent Binding by Large Mannan-Binding Lectin Oligomers. Journal of Immunology, 2012, 188, 1292-1306.	0.4	39
67	The influence of nanostructured materials on biointerfacial interactions. Advanced Drug Delivery Reviews, 2012, 64, 1820-1839.	6.6	108
68	Accumulation of magnetic iron oxide nanoparticles coated with variably sized polyethylene glycol in murine tumors. Nanoscale, 2012, 4, 2352.	2.8	61
69	Entrapment of Subtilisin in Ceramic Sol-Gel Coating for Antifouling Applications. ACS Applied Materials & Interfaces, 2012, 4, 5915-5921.	4.0	36
70	Multicomponent colloidal crystals that are tunable over large areas. Soft Matter, 2011, 7, 3290.	1.2	27
71	Characterisation of internal morphologies in electrospun fibers by X-ray tomographic microscopy. Nanoscale, 2011, 3, 3594.	2.8	23
72	Large-Area Protein Patterns Generated by Ordered Binary Colloidal Assemblies as Templates. ACS Nano, 2011, 5, 3542-3551.	7.3	39

#	ARTICLE	IF	CITATIONS
73	On Surface-Initiated Atom Transfer Radical Polymerization Using Diazonium Chemistry To Introduce the Initiator Layer. <i>Langmuir</i> , 2011, 27, 1070-1078.	1.6	50
74	Mixed poly (ethylene glycol) and oligo (ethylene glycol) layers on gold as nonfouling surfaces created by backfilling. <i>Biointerphases</i> , 2011, 6, 180-188.	0.6	25
75	Nanoscale Viscoelastic Behavior of the Surface of Thick Polystyrene Films as a Function of Temperature. <i>Macromolecules</i> , 2011, 44, 987-992.	2.2	27
76	Surface modification and chemical surface analysis of biomaterials. <i>Current Opinion in Chemical Biology</i> , 2011, 15, 667-676.	2.8	91
77	Grafting of Thin Organic Films by Electrooxidation of Arylhydrazines. <i>Journal of Physical Chemistry C</i> , 2011, 115, 13343-13352.	1.5	16
78	Sputter deposited bioceramic coatings: surface characterisation and initial protein adsorption studies using surface-MALDI-MS. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 71-84.	1.7	24
79	Growth of thin films of low molecular weight proteins by matrix assisted pulsed laser evaporation (MAPLE). <i>Applied Physics A: Materials Science and Processing</i> , 2011, 105, 629-633.	1.1	12
80	Characterization of β -cyclodextrin modified SiO ₂ . <i>Surface and Interface Analysis</i> , 2011, 43, 884-892.	0.8	15
81	A Combinatorial Library of Microtopographies and Chemical Compositions for Tailored Surface Wettability. <i>Advanced Engineering Materials</i> , 2011, 13, 516-524.	1.6	3
82	Highly Ordered Nanometer-Scale Chemical and Protein Patterns by Binary Colloidal Crystal Lithography Combined with Plasma Polymerization. <i>Advanced Functional Materials</i> , 2011, 21, 540-546.	7.8	60
83	Layer-by-Layer Growth of Multicomponent Colloidal Crystals Over Large Areas. <i>Advanced Functional Materials</i> , 2011, 21, 2556-2563.	7.8	45
84	Highly Ordered Mixed Protein Patterns Over Large Areas from Self-Assembly of Binary Colloids. <i>Advanced Materials</i> , 2011, 23, 1519-1523.	11.1	52
85	Microcup Arrays Featuring Multiple Chemical Regions Patterned with Nanoscale Precision. <i>Advanced Materials</i> , 2011, 23, 1876-1881.	11.1	19
86	Decreased material-activation of the complement system using low-energy plasma polymerized poly(vinyl pyrrolidone) coatings. <i>Biomaterials</i> , 2011, 32, 4481-4488.	5.7	32
87	The adsorption characteristics of osteopontin on hydroxyapatite and gold. <i>Materials Science and Engineering C</i> , 2011, 31, 514-522.	3.8	4
88	Electrostatic and capillary force directed tunable 3D binary micro- and nanoparticle assemblies on surfaces. <i>Nanotechnology</i> , 2011, 22, 225601.	1.3	9
89	Tuning the hydrophobicity of mica surfaces by hyperthermal Ar ion irradiation. <i>Journal of Chemical Physics</i> , 2011, 134, 104705.	1.2	35
90	Surface functionalisation of PLGA nanoparticles for gene silencing. <i>Biomaterials</i> , 2010, 31, 5671-5677.	5.7	53

#	ARTICLE	IF	CITATIONS
91	High-Resolution Surface Chemical Analysis of a Trifunctional Pattern Made by Sequential Colloidal Shadowing. <i>ChemPhysChem</i> , 2010, 11, 3609-3616.	1.0	11
92	Molecular Mechanisms of Aluminum Oxide Thin Film Growth on Polystyrene during Atomic Layer Deposition. <i>Chemistry - A European Journal</i> , 2010, 16, 13925-13929.	1.7	8
93	Formation of palladium(0) nanoparticles at microbial surfaces. <i>Biotechnology and Bioengineering</i> , 2010, 107, 206-215.	1.7	78
94	Cyclodextrin functionalized poly(methyl methacrylate) (PMMA) electrospun nanofibers for organic vapors waste treatment. <i>Journal of Membrane Science</i> , 2010, 365, 409-417.	4.1	75
95	Immobilisation of living bacteria for AFM imaging under physiological conditions. <i>Ultramicroscopy</i> , 2010, 110, 1349-1357.	0.8	139
96	Clinical observations of biofouling on PEO coated silicone hydrogel contact lenses. <i>Biomaterials</i> , 2010, 31, 5510-5519.	5.7	100
97	Surface modification of chromatography adsorbents by low temperature low pressure plasma. <i>Journal of Chromatography A</i> , 2010, 1217, 6905-6916.	1.8	12
98	Chemical patterning in biointerface science. <i>Materials Today</i> , 2010, 13, 22-35.	8.3	75
99	A flow chamber assay for quantitative evaluation of bacterial surface colonization used to investigate the influence of temperature and surface hydrophilicity on the biofilm forming capacity of uropathogenic <i>Escherichia coli</i> . <i>Journal of Microbiological Methods</i> , 2010, 81, 135-140.	0.7	22
100	Fibronectin Adsorption, Cell Adhesion, and Proliferation on Nanostructured Tantalum Surfaces. <i>ACS Nano</i> , 2010, 4, 2874-2882.	7.3	163
101	Thermo-Responsive Core-Sheath Electrospun Nanofibers from Poly (N-isopropylacrylamide)/Polycaprolactone Blends. <i>Chemistry of Materials</i> , 2010, 22, 4214-4221.	3.2	116
102	Functional Electrospun Polystyrene Nanofibers Incorporating β -, γ -, and δ -Cyclodextrins: Comparison of Molecular Filter Performance. <i>ACS Nano</i> , 2010, 4, 5121-5130.	7.3	137
103	Molecular filters based on cyclodextrin functionalized electrospun fibers. <i>Journal of Membrane Science</i> , 2009, 332, 129-137.	4.1	103
104	Adhesion of food-borne bacteria to stainless steel is reduced by food conditioning films. <i>Journal of Applied Microbiology</i> , 2009, 106, 1268-1279.	1.4	37
105	Enhancing the formation and shear resistance of nitrifying biofilms on membranes by surface modification. <i>Water Research</i> , 2009, 43, 3469-3478.	5.3	60
106	Adsorption and enzymatic cleavage of osteopontin at interfaces with different surface chemistries. <i>Biointerphases</i> , 2009, 4, 47-55.	0.6	6
107	The formation and characterization of cyclodextrin functionalized polystyrene nanofibers produced by electrospinning. <i>Nanotechnology</i> , 2009, 20, 125605.	1.3	40
108	Using a Hydrazone-Protected Benzenediazonium Salt to Introduce a Near-Monolayer of Benzaldehyde on Glassy Carbon Surfaces. <i>Journal of the American Chemical Society</i> , 2009, 131, 4928-4936.	6.6	83

#	ARTICLE	IF	CITATIONS
109	Electrochemical modification of chromium surfaces using 4-nitro- and 4-fluorobenzenediazonium salts. <i>New Journal of Chemistry</i> , 2009, 33, 2405.	1.4	19
110	Preventing Protein Adsorption from a Range of Surfaces Using an Aqueous Fish Protein Extract. <i>Biomacromolecules</i> , 2009, 10, 2759-2766.	2.6	12
111	Surface Analysis of Biomaterials. , 2009, , 529-564.		9
112	ESC resistance of commercial grade polycarbonates during exposure to butter and related chemicals. <i>Polymer Degradation and Stability</i> , 2008, 93, 1486-1495.	2.7	23
113	Electrospinning of Cyclodextrinâ€Pseudopolyrotaxane Nanofibers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9108-9111.	7.2	52
114	Hydrolysis and stability of thin pulsed plasma polymerised maleic anhydride coatings. <i>Applied Surface Science</i> , 2008, 254, 4720-4725.	3.1	28
115	Surface oxide formation during corona discharge treatment of AA 1050 aluminium surfaces. <i>Corrosion Science</i> , 2008, 50, 1321-1330.	3.0	13
116	Plasma polymerized thin films of maleic anhydride and 1,2-methylenedioxybenzene for improving adhesion to carbon surfaces. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2007, 25, 1108-1117.	0.9	7
117	Viscoelastic Modeling of Highly Hydrated Laminin Layers at Homogeneous and Nanostructured Surfaces:â€% Quantification of Protein Layer Properties Using QCM-D and SPR. <i>Langmuir</i> , 2007, 23, 9760-9768.	1.6	135
118	Ordering of Binary Polymeric Nanoparticles on Hydrophobic Surfaces Assembled from Low Volume Fraction Dispersions. <i>Journal of the American Chemical Society</i> , 2007, 129, 13390-13391.	6.6	36
119	High fluence deposition of polyethylene glycol films at 1064nm by matrix assisted pulsed laser evaporation (MAPLE). <i>Applied Surface Science</i> , 2007, 253, 7952-7956.	3.1	8
120	Production of active lysozyme films by matrix assisted pulsed laser evaporation at 355 nm. <i>Chemical Physics Letters</i> , 2007, 435, 350-353.	1.2	48
121	Protein aggregation and degradation during iodine labeling and its consequences for protein adsorption to biomaterials. <i>Analytical Biochemistry</i> , 2007, 361, 120-125.	1.1	31
122	Effect of nitinol wire surface properties on albumin adsorption. <i>Acta Biomaterialia</i> , 2007, 3, 103-111.	4.1	30
123	Atmospheric pressure plasma treatment of glassy carbon for adhesion improvement. <i>International Journal of Adhesion and Adhesives</i> , 2007, 27, 402-408.	1.4	38
124	Characterisation and physical stability of PEGylated glucagon. <i>International Journal of Pharmaceutics</i> , 2007, 330, 89-98.	2.6	40
125	Atmospheric Pressure Plasma Treatment of Glass Fibre Composite for Adhesion Improvement. <i>Plasma Processes and Polymers</i> , 2007, 4, S455-S459.	1.6	33
126	Characterization of lysozyme films produced by matrix assisted pulsed laser evaporation (MAPLE). <i>Applied Surface Science</i> , 2007, 253, 6451-6455.	3.1	37

#	ARTICLE	IF	CITATIONS
127	Effects of Surface Chemical Composition on the Early Growth Stages of β -Sexithienyl Films on Silicon Oxide Substrates. <i>Journal of Physical Chemistry B</i> , 2006, 110, 258-263.	1.2	37
128	Fluorescent Aromatic Platforms for Cell Patterning. <i>Langmuir</i> , 2006, 22, 5528-5532.	1.6	19
129	Bacterial adhesion to stainless steel is reduced by aqueous fish extract coatings. <i>Biofilms</i> , 2006, 3, 25-36.	0.6	21
130	Colloid Probe AFM Investigation of Interactions between Fibrinogen and PEG-Like Plasma Polymer Surfaces. <i>Langmuir</i> , 2006, 22, 313-318.	1.6	45
131	Surface characterisation of ethylene-propylene diene rubber upon exposure to aqueous acidic solution. <i>Applied Surface Science</i> , 2006, 252, 6280-6288.	3.1	4
132	Chemical degradation of crosslinked ethylene-propylene-diene rubber in an acidic environment. Part II. Effect of peroxide crosslinking in the presence of a coagent. <i>Polymer Degradation and Stability</i> , 2006, 91, 81-93.	2.7	53
133	Chemical degradation of crosslinked ethylene-propylene-diene rubber in an acidic environment. Part I. Effect on accelerated sulphur crosslinks. <i>Polymer Degradation and Stability</i> , 2006, 91, 69-80.	2.7	71
134	The method of surface PEGylation influences leukocyte adhesion and activation. <i>Journal of Materials Science: Materials in Medicine</i> , 2006, 17, 203-211.	1.7	21
135	Two-dimensional patterning of thin coatings for the control of tissue outgrowth. <i>Biomaterials</i> , 2006, 27, 35-43.	5.7	69
136	An investigation on changes in chemical properties of pure ethylene-propylene-diene rubber in aqueous acidic environments. <i>Materials Chemistry and Physics</i> , 2006, 98, 248-255.	2.0	32
137	Modification of Glassy Carbon Surfaces by Atmospheric Pressure Cold Plasma Torch. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 8506-8511.	0.8	20
138	Investigating the role of anionic surfactant and polymer morphology on the environmental stress cracking (ESC) of high-density polyethylene. <i>Polymer Degradation and Stability</i> , 2005, 89, 442-453.	2.7	20
139	Investigation of the hydrothermal stability of cross-linked liquid silicone rubber (LSR). <i>Polymer Degradation and Stability</i> , 2005, 90, 471-480.	2.7	59
140	The recognition of adsorbed and denatured proteins of different topographies by β 2 integrins and effects on leukocyte adhesion and activation. <i>Biomaterials</i> , 2005, 26, 3039-3053.	5.7	34
141	Surface Modification of PET Films Using Pulsed AC Plasma Polymerisation Aimed at Preventing Protein Adsorption. <i>Plasma Processes and Polymers</i> , 2005, 2, 53-63.	1.6	45
142	Characterization of Plasma-Polymerized Fused Polycyclic Compounds for Binding Conducting Polymers. <i>Plasma Processes and Polymers</i> , 2005, 2, 319-327.	1.6	15
143	Chemical degradation of fluoroelastomer in an alkaline environment. <i>Polymer Degradation and Stability</i> , 2004, 83, 195-206.	2.7	75
144	Chemical degradation of an uncrosslinked pure fluororubber in an alkaline environment. <i>Journal of Polymer Science Part A</i> , 2004, 42, 6216-6229.	2.5	43

#	ARTICLE	IF	CITATIONS
145	Surface-MALDI mass spectrometry in biomaterials research. <i>Biomaterials</i> , 2004, 25, 4861-4875.	5.7	66
146	Surface chemistry and moisture sorption properties of wood coated with multifunctional alkoxy silanes by sol-gel process. <i>Journal of Applied Polymer Science</i> , 2003, 88, 2828-2841.	1.3	114
147	Stainless steel modified with poly(ethylene glycol) can prevent protein adsorption but not bacterial adhesion. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 32, 275-291.	2.5	92
148	Limitations of Using Raman Microscopy for the Analysis of High-Content-Carbon-Filled Ethylene Propylene Diene Monomer Rubber. <i>Applied Spectroscopy</i> , 2003, 57, 1482-1486.	1.2	5
149	Covalent Attachment of Poly(ethylene glycol) to Surfaces, Critical for Reducing Bacterial Adhesion. <i>Langmuir</i> , 2003, 19, 6912-6921.	1.6	321
150	XPS, ToF-SIMS, and MALDI-MS for Characterizing Adsorbed Protein Films. <i>Surfactant Science</i> , 2003, , .	0.0	0
151	Nanometer thickness laser ablation for spatial control of cell attachment. <i>Smart Materials and Structures</i> , 2002, 11, 792-799.	1.8	62
152	Minimization of protein adsorption on poly(vinylidene fluoride). <i>New Biotechnology</i> , 2002, 19, 177-182.	2.7	39
153	Studies on new polymeric biomaterials with tunable hydrophilicity, and their possible utility in corneal repair surgery. <i>Biomaterials</i> , 2002, 23, 1213-1219.	5.7	29
154	Effects of cloud-point grafting, chain length, and density of PEG layers on competitive adsorption of ocular proteins. <i>Biomaterials</i> , 2002, 23, 2043-2056.	5.7	515
155	Ultrasensitive probing of the protein resistance of PEG surfaces by secondary ion mass spectrometry. <i>Biomaterials</i> , 2002, 23, 4775-4785.	5.7	133
156	Influence of the surface structure on the filtration performance of UV-modified PES membranes. <i>Desalination</i> , 2002, 146, 265-271.	4.0	44
157	<title>Excimer laser ablation for spatially controlled protein patterns</title>. , 2001, , .		7
158	Matrix-assisted laser desorption ionization mass spectrometry detection of proteins adsorbed in vivo onto contact lenses. , 2000, 49, 36-42.		56
159	Hybrid biomaterials: Surface-MALDI mass spectrometry analysis of covalent binding versus physisorption of proteins. <i>Colloids and Surfaces B: Biointerfaces</i> , 2000, 17, 23-35.	2.5	31
160	Effect of polysaccharide structure on protein adsorption. <i>Colloids and Surfaces B: Biointerfaces</i> , 2000, 17, 37-48.	2.5	164
161	Direct Detection of Proteins Adsorbed on Synthetic Materials by Matrix-Assisted Laser Desorption Ionization Mass Spectrometry. <i>Analytical Biochemistry</i> , 1999, 273, 156-162.	1.1	41
162	Surfaces that resist bioadhesion. <i>Current Opinion in Solid State and Materials Science</i> , 1999, 4, 403-412.	5.6	328

#	ARTICLE	IF	CITATIONS
163	Incorporation of Surface Topography in the XPS Analysis of Curved or Rough Samples Covered by Thin Multilayers. Surface and Interface Analysis, 1997, 25, 741-746.	0.8	33
164	Characterization of Ferritin Adsorption onto Gold. Journal of Colloid and Interface Science, 1997, 186, 129-140.	5.0	170
165	Protein Adsorption: Measurement. , 0 , 6105-6129.		0