

Holger Schön herr

List of Publications by Year in descending order

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307
papers

10,047
citations

34105

52
h-index

60623

81
g-index

337
all docs

337
docs citations

337
times ranked

10410
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Carbon Nanofibers@Nickel Phosphide Nanoparticles for High-Performance Supercapacitors. <i>Small Structures</i> , 2022, 3, 2100183.	12.0	9
2	Strong emission of excimers realized by dense packing of pyrenes in tailored bola-amphiphile nano assemblies. <i>Cell Reports Physical Science</i> , 2022, 3, 100734.	5.6	2
3	Biosensing with a scanning planar Yagi-Uda antenna. <i>Biomedical Optics Express</i> , 2022, 13, 539.	2.9	1
4	Smart and regeneratable Xanthan gum hydrogel adsorbents for selective removal of cationic dyes. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107620.	6.7	30
5	Carboxylic Acid End-Capped Brushes on Titanium via Interface-Mediated RAFT Polymerization and Cell-Surface Interactions. <i>ACS Applied Polymer Materials</i> , 2022, 4, 755-765.	4.4	3
6	Superoleophilic-Hydrophobic Kapok Oil Sorbents via Energy Efficient Carbonization. <i>Journal of Natural Fibers</i> , 2022, 19, 12398-12414.	3.1	4
7	Green seaweeds ulvan-cellulose scaffolds enhance in vitro cell growth and in vivo angiogenesis for skin tissue engineering. <i>Carbohydrate Polymers</i> , 2021, 251, 117025.	10.2	43
8	Quantitative E. coli Enzyme Detection in Reporter Hydrogel-Coated Paper Using a Smartphone Camera. <i>Biosensors</i> , 2021, 11, 25.	4.7	19
9	Enzyme-Responsive Biopolymeric Nanogel Fibers by Extrusion: Engineering of High-Surface-Area Hydrogels and Application in Bacterial Enzyme Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12928-12940.	8.0	11
10	Synthesis of end group-functionalized PGMA-peptide brush platforms for specific cell attachment by interface-mediated dissociative electron transfer reversible addition-fragmentation chain transfer radical (DET-RAFT) polymerization. <i>European Polymer Journal</i> , 2021, 148, 110370.	5.4	6
11	Recent advances for understanding the role of nanobubbles in particles flotation. <i>Advances in Colloid and Interface Science</i> , 2021, 291, 102403.	14.7	40
12	Xanthan Gum Hydrogels as High-Capacity Adsorbents for Dye Removal. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3142-3152.	4.4	39
13	Drug Release from Thermo-Responsive Polymer Brush Coatings to Control Bacterial Colonization and Biofilm Growth on Titanium Implants. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100069.	7.6	35
14	A scanning planar Yagi-Uda antenna for fluorescence detection. , 2021, , .		1
15	Electrochemistry of nitrogen and boron Bi-element incorporated diamond films. <i>Carbon</i> , 2021, 178, 19-25.	10.3	14
16	Restoring Endogenous Repair Mechanisms to Heal Chronic Wounds with a Multifunctional Wound Dressing. <i>Molecular Pharmaceutics</i> , 2021, 18, 3171-3180.	4.6	17
17	Scanning planar Yagi-Uda antenna for fluorescence detection. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, 2528.	2.1	3
18	A Dimethylaminophenyl-Substituted Naphtho[1,2-a:1'-b']quinolizinium as a Multicolor NIR Probe for the Fluorimetric Detection of Intracellular Nucleic Acids and Proteins. <i>ChemPhotoChem</i> , 2021, 5, 1079-1088.	3.0	2

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19	Enhanced microbial inactivation by carbon dioxide through mechanical effects. Journal of Supercritical Fluids, 2021, 175, 105273.	3.2	1
20	Multiplexed detection and differentiation of bacterial enzymes and bacteria by color-encoded sensor hydrogels. Bioactive Materials, 2021, 6, 4286-4300.	15.6	22
21	Incubation media modify silver nanoparticle toxicity for whitefish (<i>Coregonus lavaretus</i>) and roach (<i>Rutilus rutilus</i>) embryos. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2021, , 1-20.	2.3	1
22	Antimicrobial Photodynamic Therapy: Latest Developments with a Focus on Combinatory Strategies. Pharmaceutics, 2021, 13, 1995.	4.5	59
23	9-Nitrobenzo[<i>b</i>]quinolizinium as a fluorogenic probe for the detection of nitroreductase <i>in vitro</i> and in <i>Escherichia coli</i> . New Journal of Chemistry, 2021, 46, 39-43.	2.8	2
24	Unraveling the nanomechanical properties of surface-grafted conjugated polymer brushes with ladder-like architecture. Polymer Chemistry, 2020, 11, 7050-7062.	3.9	14
25	Enhancing DPCD in Liquid Products by Mechanical Inactivation Effects: Assessment of Feasibility. Chemie-Ingenieur-Technik, 2020, 92, 1122-1125.	0.8	2
26	Flexible Diamond Fibers for High-Energy-Density Zinc-Ion Supercapacitors. Advanced Energy Materials, 2020, 10, 2002202.	19.5	69
27	Giant Biodegradable Poly(ethylene glycol)- <i>block</i> -Poly(ϵ -caprolactone) Polymersomes by Electroformation. Macromolecular Bioscience, 2020, 20, e2000014.	4.1	12
28	Ultra-high energy density supercapacitors using a nickel phosphide/nickel/titanium carbide nanocomposite capacitor electrode. Nanoscale, 2020, 12, 13618-13625.	5.6	19
29	Protein Encapsulation: A Nanocarrier Approach to the Fluorescence Imaging of an Enzyme-Based Biomarker. Frontiers in Chemistry, 2020, 8, 389.	3.6	22
30	Tunable Photo-Electrochemistry of Patterned TiO ₂ /BDD Heterojunctions. Small Methods, 2020, 4, 2000257.	8.6	26
31	Investigation of the Fate of Silver and Titanium Dioxide Nanoparticles in Model Wastewater Effluents via Selected Area Electron Diffraction. Environmental Science & Technology, 2020, 54, 8681-8689.	10.0	7
32	Enhanced Colorimetric Differentiation between <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> Using a Shape-Encoded Sensor Hydrogel. ACS Applied Bio Materials, 2020, 3, 4398-4407.	4.6	17
33	Anodic Aluminum Oxide Nanopore Template-Assisted Fabrication of Nanostructured Poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.6	5
34	Clickable and Antifouling Block Copolymer Brushes as a Versatile Platform for Peptide-Specific Cell Attachment. Macromolecular Bioscience, 2020, 20, e1900354.	4.1	27
35	Poly(diethylene glycol methylether methacrylate) Brush-Functionalized Anodic Alumina Nanopores: Curvature-Dependent Polymerization Kinetics and Nanopore Filling. Langmuir, 2020, 36, 2663-2672.	3.5	11
36	Impact of wastewater-borne nanoparticles of silver and titanium dioxide on the swimming behaviour and biochemical markers of <i>Daphnia magna</i> : An integrated approach. Aquatic Toxicology, 2020, 220, 105404.	4.0	26

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37	In Situ Study of Layer-by-Layer Polyelectrolyte Deposition in Nanopores of Anodic Aluminum Oxide by Reflectometric Interference Spectroscopy. <i>Langmuir</i> , 2020, 36, 1907-1915.	3.5	5
38	Geometrical Constraints of Poly(diethylene glycol methyl ether methacrylate) Brushes on Spherical Nanoparticles and Cylindrical Nanowires: Implications for Thermoresponsive Brushes on Nanoobjects. <i>ACS Applied Nano Materials</i> , 2020, 3, 3693-3705.	5.0	3
39	Phase Transitions and Formation of a Monolayer-Type Structure in Thin Oligothiophene Films: Exploration with a Combined In Situ X-ray Diffraction and Electrical Measurements. <i>Nanoscale Research Letters</i> , 2019, 14, 185.	5.7	2
40	Propagation and Purification of Human Induced Pluripotent Stem Cells with Selective Homopolymer Release Surfaces. <i>Angewandte Chemie</i> , 2019, 131, 10673-10676.	2.0	1
41	Colorimetric and Fluorimetric DNA Detection with a Hydroxystyryl-Quinolizinium Photoacid and Its Application for Cell Imaging. <i>Chemistry - A European Journal</i> , 2019, 25, 12703-12707.	3.3	14
42	Effect of Chirality on Cell Spreading and Differentiation: From Chiral Molecules to Chiral Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38568-38577.	8.0	55
43	Probing of local polarity in poly(methyl methacrylate) with the charge transfer transition in Nile red. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2552-2562.	2.2	11
44	Spatiotemporal distribution of silver and silver-containing nanoparticles in a prealpine lake in relation to the discharge from a wastewater treatment plant. <i>Science of the Total Environment</i> , 2019, 696, 134034.	8.0	28
45	Guided assembly, nanostructuring and functionalization with brushes of microscale polymer cubes for tailored 3-D cell microenvironments. <i>European Polymer Journal</i> , 2019, 113, 47-51.	5.4	7
46	Reconfigurable Microcube Assemblies at the Liquid/Air Interface: The Impact of Surface Tension on Orientation and Capillary-Force-Interaction-Driven Assembly. <i>Langmuir</i> , 2019, 35, 7791-7797.	3.5	5
47	Comparative multi-generation study on long-term effects of pristine and wastewater-borne silver and titanium dioxide nanoparticles on key lifecycle parameters in <i>Daphnia magna</i> . <i>NanoImpact</i> , 2019, 14, 100163.	4.5	31
48	Propagation and Purification of Human Induced Pluripotent Stem Cells with Selective Homopolymer Release Surfaces. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10563-10566.	13.8	14
49	Asymmetric multifunctional 3D cell microenvironments by capillary force assembly. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3560-3568.	5.8	4
50	Toward Label-Free Selective Cell Separation of Different Eukaryotic Cell Lines Using Thermoresponsive Homopolymer Layers. <i>ACS Applied Bio Materials</i> , 2019, 2, 2557-2566.	4.6	11
51	Control of Orientation, Formation of Ordered Structures, and Self-Sorting of Surface-Functionalized Microcubes at the Air-Water Interface. <i>Langmuir</i> , 2019, 35, 6742-6751.	3.5	11
52	Thermal Hardening and Defects in Anodic Aluminum Oxide Obtained in Oxalic Acid: Implications for the Template Synthesis of Low-Dimensional Nanostructures. <i>ACS Applied Nano Materials</i> , 2019, 2, 1986-1994.	5.0	10
53	Achieving Ultrahigh Energy Densities of Supercapacitors with Porous Titanium Carbide/Boron-Doped Diamond Composite Electrodes. <i>Advanced Energy Materials</i> , 2019, 9, 1803623.	19.5	61
54	Catalytic tar removal using TiO ₂ /NiWO ₄ -Ni ₅ TiO ₇ films. <i>Applied Catalysis B: Environmental</i> , 2019, 249, 155-162.	20.2	23

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55	Photoresponsive Supramolecular Hydrogel Co-assembled from Fmoc-Phe-OH and 4,4'-Azopyridine for Controllable Dye Release. Chinese Journal of Polymer Science (English Edition), 2019, 37, 437-443.	3.8	3
56	Multimodal microscopy-based identification of surface nanobubbles. Journal of Colloid and Interface Science, 2019, 547, 162-170.	9.4	21
57	Tailored Combinatorial Microcompartments through the Self-Organization of Microobjects: Assembly, Characterization, and Cell Studies. Angewandte Chemie, 2019, 131, 5300-5304.	2.0	4
58	Tailored Combinatorial Microcompartments through the Self-Organization of Microobjects: Assembly, Characterization, and Cell Studies. Angewandte Chemie - International Edition, 2019, 58, 5246-5250.	13.8	11
59	Improved Multicellular Response, Biomimetic Mineralization, Angiogenesis, and Reduced Foreign Body Response of Modified Polydioxanone Scaffolds for Skeletal Tissue Regeneration. ACS Applied Materials & Interfaces, 2019, 11, 5834-5850.	8.0	19
60	Micropatterning and nanopatterning with polymeric materials for advanced biointerface-controlled systems. Polymer International, 2019, 68, 1015-1032.	3.1	9
61	Phosphorus-Doped Nanocrystalline Diamond for Supercapacitor Application. ChemElectroChem, 2019, 6, 1088-1093.	3.4	26
62	Investigation of necessary conditions for imaging cell analysis using EIT. , 2019, , .		0
63	Battery-like Supercapacitors from Vertically Aligned Carbon Nanofiber Coated Diamond: Design and Demonstrator. Advanced Energy Materials, 2018, 8, 1702947.	19.5	70
64	Selective Discrimination of Key Enzymes of Pathogenic and Nonpathogenic Bacteria on Autonomously Reporting Shape-Encoded Hydrogel Patterns. ACS Applied Materials & Interfaces, 2018, 10, 5175-5184.	8.0	26
65	Interplay of Template Constraints and Microphase Separation in Polymeric Nano-Objects Replicated from Novel Modulated and Interconnected Nanoporous Anodic Alumina. ACS Applied Nano Materials, 2018, 1, 200-208.	5.0	9
66	Detailed Analysis of Pancreatic Tumor Cell Attachment on Gradient PDEGMA Brushes. Macromolecular Bioscience, 2018, 18, 1700317.	4.1	10
67	Supercapacitors: Battery-like Supercapacitors from Vertically Aligned Carbon Nanofiber Coated Diamond: Design and Demonstrator (Adv. Energy Mater. 12/2018). Advanced Energy Materials, 2018, 8, 1870054.	19.5	10
68	Three-Dimensional Microstructured Poly(vinyl alcohol) Hydrogel Platform for the Controlled Formation of Multicellular Cell Spheroids. Biomacromolecules, 2018, 19, 158-166.	5.4	19
69	Enhanced cell adhesion on a bio-inspired hierarchically structured polyester modified with gelatin-methacrylate. Biomaterials Science, 2018, 6, 785-792.	5.4	34
70	Thickness-Encoded Micropatterns in One-Component Thermoresponsive Polymer Brushes for Culture and Triggered Release of Pancreatic Tumor Cell Monolayers and Spheroids. Langmuir, 2018, 34, 14670-14677.	3.5	18
71	Rapid determination of binding parameters of chitin binding domains using chitin-coated quartz crystal microbalance sensor chips. Analyst, The, 2018, 143, 5255-5263.	3.5	6
72	3D 3CaSiC/Graphene Hybrid Nanolaminate Films for High-Performance Supercapacitors. Small, 2018, 14, e1801857.	10.0	27

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73	Fluorimetric Detection of G-Quadruplex DNA in Solution and Adsorbed on Surfaces with a Selective Trinuclear Cyanine Dye. <i>Langmuir</i> , 2018, 34, 11866-11877.	3.5	17
74	Ruthenium(II) Polypyridyl Complexes as Photosensitizers for Antibacterial Photodynamic Therapy: A Structure-Activity Study on Clinical Bacterial Strains. <i>ChemMedChem</i> , 2018, 13, 2229-2239.	3.2	54
75	An Acid Test: Facile Surface-Initiated ATRP of Methacrylic Acid. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800182.	2.2	2
76	Hyaluronic Acid-Modified Porous Silicon Films for the Electrochemical Sensing of Bacterial Hyaluronidase. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800178.	3.9	12
77	Towards Multiplexed Bacteria Detection by Enzyme Responsive Hydrogels. <i>Macromolecular Symposia</i> , 2018, 379, 1600178.	0.7	17
78	Bioinspired Hierarchically Structured Surfaces for Efficient Capture and Release of Circulating Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8508-8518.	8.0	58
79	Micro patterned surfaces: an effective tool for long term digital holographic microscopy cell imaging. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
80	Colloidal force probe study of poly(di(ethylene glycol)methylether methacrylate) homopolymer brush layers in aqueous media at different temperatures. <i>European Polymer Journal</i> , 2017, 89, 440-448.	5.4	18
81	Biomaterialization potential and cellular response of PHB and PHBV blends with natural anionic polysaccharides. <i>Materials Science and Engineering C</i> , 2017, 76, 13-24.	7.3	26
82	8-Styryl-substituted coralyne derivatives as DNA binding fluorescent probes. <i>RSC Advances</i> , 2017, 7, 10660-10667.	3.6	18
83	Polysucrose-based hydrogels for loading of small molecules and cell growth. <i>Reactive and Functional Polymers</i> , 2017, 115, 18-27.	4.1	5
84	Encapsulation of Autoinducer Sensing Reporter Bacteria in Reinforced Alginate-Based Microbeads. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22321-22331.	8.0	62
85	Pristine DNA Hydrogels from Biotechnologically Derived Plasmid DNA. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12004-12008.	13.8	28
86	Isolated Reporter Bacteria in Supramolecular Hydrogel Microwell Arrays. <i>Langmuir</i> , 2017, 33, 7799-7809.	3.5	12
87	DNA-Hydrogele aus Plasmid-DNA. <i>Angewandte Chemie</i> , 2017, 129, 12167-12171.	2.0	6
88	Îr-Carrageenan Enhances the Biomaterialization and Osteogenic Differentiation of Electrospun Polyhydroxybutyrate and Polyhydroxybutyrate Valerate Fibers. <i>Biomaterials</i> , 2017, 18, 1563-1573.	5.4	68
89	Detailed Study of BSA Adsorption on Micro- and Nanocrystalline Diamond/Î²-SiC Composite Gradient Films by Time-Resolved Fluorescence Microscopy. <i>Langmuir</i> , 2017, 33, 802-813.	3.5	15
90	Long-Term Stable Poly(acrylamide) Brush Modified Transparent Microwells for Cell Attachment Studies in 3D. <i>Macromolecular Bioscience</i> , 2017, 17, 1600451.	4.1	7

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91	Determination of the Wall Thickness of Block Copolymer Vesicles by Fluorescence Lifetime Imaging Microscopy. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600454.	2.2	9
92	Control of the structure and properties of SEBS nanocomposites via chemical modification of graphene with polymer brushes. <i>European Polymer Journal</i> , 2017, 97, 1-13.	5.4	17
93	Enhanced Differentiation of Human Preosteoblasts on Electrospun Blend Fiber Mats of Polydioxanone and Anionic Sulfated Polysaccharides. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 3447-3458.	5.2	25
94	Autoinducer Sensing Microarrays by Reporter Bacteria Encapsulated in Hybrid Supramolecular Polysaccharide Hydrogels. <i>Macromolecular Bioscience</i> , 2017, 17, 1700176.	4.1	16
95	Micro patterned surfaces allow long-term digital holographic microscopy live cell imaging. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
96	Macromol. Biosci. 11/2017. <i>Macromolecular Bioscience</i> , 2017, 17, .	4.1	0
97	Thin Poly(Di(Ethylene Glycol)Methyl Ether Methacrylate) Homopolymer Brushes Allow Controlled Adsorption and Desorption of PaTu 8988t Cells. <i>Macromolecular Bioscience</i> , 2017, 17, 1600337.	4.1	16
98	Temperature-Controlled Antimicrobial Release from Poly(diethylene glycol methylether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (Growth. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2243-2251.	2.2	25
99	Impact of substrate temperature on the structure and electrical performance of vacuum-deposited \pm -DH5T oligothiophene thin films. <i>RSC Advances</i> , 2016, 6, 115085-115091.	3.6	7
100	Microrheology of growing <i>Escherichia coli</i> biofilms investigated by using magnetic force modulation atomic force microscopy. <i>Biointerphases</i> , 2016, 11, 041005.	1.6	5
101	Surface nanobubbles studied by atomic force microscopy techniques: Facts, fiction, and open questions. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 08NA01.	1.5	17
102	The Effect of Size and Geometry of Poly(acrylamide) Brush-Based Micropatterns on the Behavior of Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 23591-23603.	8.0	26
103	Thickness Dependence of Bovine Serum Albumin Adsorption on Thin Thermoresponsive Poly(diethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 467 Td (2016, 32, 9360-9370.	3.5	25
104	Block Copolymer Brushes for Completely Decoupled Control of Determinants of Cell-Surface Interactions. <i>Angewandte Chemie</i> , 2016, 128, 13308-13311.	2.0	6
105	Block Copolymer Brushes for Completely Decoupled Control of Determinants of Cell-Surface Interactions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13114-13117.	13.8	32
106	Australian European Self-Assembly through Macromolecular Interactions. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2207-2208.	2.2	1
107	Surface Nanobubbles Studied by Time-Resolved Fluorescence Microscopy Methods Combined with AFM: The Impact of Surface Treatment on Nanobubble Nucleation. <i>Langmuir</i> , 2016, 32, 11155-11163.	3.5	54
108	AFM Study of Surface Nanobubbles on Binary Self-Assembled Monolayers on Ultraflat Gold with Identical Macroscopic Static Water Contact Angles and Different Terminal Functional Groups. <i>Langmuir</i> , 2016, 32, 11172-11178.	3.5	12

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109	Optimized Model Surfaces for Advanced Atomic Force Microscopy Studies of Surface Nanobubbles. <i>Langmuir</i> , 2016, 32, 11179-11187.	3.5	8
110	Self-reporting hydrogels rapidly differentiate among enterohemorrhagic <i>Escherichia coli</i> (EHEC) and non-virulent <i>Escherichia coli</i> (K12). <i>European Polymer Journal</i> , 2016, 81, 257-265.	5.4	16
111	Control of Cell Attachment and Spreading on Poly(acrylamide) Brushes with Varied Grafting Density. <i>Langmuir</i> , 2016, 32, 838-847.	3.5	38
112	Modeling the Interaction between AFM Tips and Pinned Surface Nanobubbles. <i>Langmuir</i> , 2016, 32, 751-758.	3.5	25
113	Synthesis and characterization of well-defined ligand-terminated block copolymer brushes for multifunctional biointerfaces. <i>Polymer</i> , 2016, 98, 409-420.	3.8	28
114	Autonomously Sensing Hydrogels for the Rapid and Selective Detection of Pathogenic Bacteria. <i>Macromolecular Rapid Communications</i> , 2015, 36, 2123-2128.	3.9	34
115	Photoinduced formation of stable Ag-nanoparticles from a ternary ligand-DNA-Ag ⁺ complex. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3766-3770.	2.8	6
116	Forces and Thin Water Film Drainage in Deformable Asymmetric Nanoscale Contacts. <i>ACS Nano</i> , 2015, 9, 12-15.	14.6	19
117	Enzyme Degradable Polymersomes from Hyaluronic Acid- <i>block</i> -poly(ϵ -caprolactone) Copolymers for the Detection of Enzymes of Pathogenic Bacteria. <i>Biomacromolecules</i> , 2015, 16, 832-841.	5.4	100
118	Electrochemical Supercapacitors from Diamond. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18918-18926.	3.1	68
119	Multi-Ligand-Binding Flavoprotein Dodecin as a Key Element for Reversible Surface Modification in Nano-biotechnology. <i>ACS Nano</i> , 2015, 9, 3491-3500.	14.6	26
120	Poly(ester-ether)s: III. assessment of cell behaviour on nanofibrous scaffolds of PCL, PLLA and PDX blended with amorphous PMeDX. <i>Journal of Materials Chemistry B</i> , 2015, 3, 673-687.	5.8	25
121	Real Time Monitoring of Layer-by-Layer Polyelectrolyte Deposition and Bacterial Enzyme Detection in Nanoporous Anodized Aluminum Oxide. <i>Analytical Chemistry</i> , 2015, 87, 3856-3863.	6.5	31
122	Dual Enzyme-Responsive Capsules of Hyaluronic Acid- <i>block</i> -Poly(Lactic Acid) for Sensing Bacterial Enzymes. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1248-1254.	3.9	50
123	Rapid remote detection of <i>Escherichia coli</i> via a reporter-hydrogel coated glass fiber tip. <i>European Polymer Journal</i> , 2015, 72, 180-189.	5.4	9
124	Rapid Detection of <i>Escherichia coli</i> via Enzymatically Triggered Reactions in Self-Reporting Chitosan Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20190-20199.	8.0	51
125	Molecular Beacon Modified Sensor Chips for Oligonucleotide Detection with Optical Readout. <i>Langmuir</i> , 2014, 30, 14360-14367.	3.5	15
126	Characterization of the Interaction between AFM Tips and Surface Nanobubbles. <i>Langmuir</i> , 2014, 30, 7112-7126.	3.5	54

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127	Controlled Surface Chemistry of Diamond/ β -SiC Composite Films for Preferential Protein Adsorption. <i>Langmuir</i> , 2014, 30, 1089-1099.	3.5	30
128	Construction of Three-Dimensional DNA Hydrogels from Linear Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8328-8332.	13.8	48
129	Poly(ester-ether)s: II. Properties of electrospun nanofibres from polydioxanone and poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 5.4 20	5.4	20
130	Hydrodynamic effects of the tip movement on surface nanobubbles: a combined tapping mode, lift mode and force volume mode AFM study. <i>Soft Matter</i> , 2014, 10, 5945-5954.	2.7	31
131	Enhanced Removal of Methylene Blue and Methyl Violet Dyes from Aqueous Solution Using a Nanocomposite of Hydrolyzed Polyacrylamide Grafted Xanthan Gum and Incorporated Nanosilica. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4766-4777.	8.0	462
132	Bacterial Enzyme Responsive Polymersomes: A Closer Look at the Degradation Mechanism of PEG-block-PLA Vesicles. <i>Australian Journal of Chemistry</i> , 2014, 67, 578.	0.9	19
133	Dimensions and the Profile of Surface Nanobubbles: Tip-Nanobubble Interactions and Nanobubble Deformation in Atomic Force Microscopy. <i>Langmuir</i> , 2014, 30, 11955-11965.	3.5	43
134	Enzyme-Sensing Chitosan Hydrogels. <i>Langmuir</i> , 2014, 30, 7842-7850.	3.5	48
135	Fabrication of Complex Free-Standing Nanostructures with Concave and Convex Curvature via the Layer-by-Layer Approach. <i>Langmuir</i> , 2014, 30, 1723-1728.	3.5	14
136	Improved synthesis of anodized aluminum oxide with modulated pore diameters for the fabrication of polymeric nanotubes. <i>RSC Advances</i> , 2013, 3, 13429.	3.6	21
137	Amphiphilic Block Copolymer Vesicles for Active Wound Dressings: Synthesis of Model Systems and Studies of Encapsulation and Release. <i>Macromolecular Symposia</i> , 2013, 328, 73-79.	0.7	15
138	Covalently cross-linked poly(acrylamide) brushes on gold with tunable mechanical properties via surface-initiated atom transfer radical polymerization. <i>European Polymer Journal</i> , 2013, 49, 1943-1951.	5.4	43
139	The Flavoprotein Dodecin as a Redox Probe for Electron Transfer through DNA. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4950-4953.	13.8	12
140	The effect of PeakForce tapping mode AFM imaging on the apparent shape of surface nanobubbles. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 184005.	1.8	53
141	Closer Look at the Effect of AFM Imaging Conditions on the Apparent Dimensions of Surface Nanobubbles. <i>Langmuir</i> , 2013, 29, 620-632.	3.5	42
142	Tailored (Bio)Interfaces via Surface Initiated Polymerization: Control of Grafting Density and New Responsive Diblock Copolymer Brushes. <i>Macromolecular Symposia</i> , 2013, 328, 64-72.	0.7	16
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299	Surface Chemistry in Forensic-Toxicological Analysis. , 0, , 181-206.		0
300	Appendix J: Waveguide Mode Spectroscopy (WaMs)â€“ nm-Thick Films. , 0, , 491-492.		0
301	Appendix K: X-Ray Photoelectron Spectroscopy (XPS). , 0, , 493-496.		1
302	Appendix B: Atomic Force Microscopy. , 0, , 467-470.		0
303	Appendix D: Ellipsometry. , 0, , 474-475.		0
304	Appendix E: Fourier Transform Infrared Spectroscopy. , 0, , 476-478.		0
305	Appendix F: Impedance Spectroscopy. , 0, , 479-482.		0
306	Modification of Surfaces by Photosensitive Silanes. , 0, , 207-220.		0

#	ARTICLE	IF	CITATIONS
307	Fabrication and Application of Surface-Tethered Vesicles. , 0, , 251-269.		0