

Holger Schön herr

List of Publications by Year in descending order

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307
papers

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citations

39113

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all docs

337
docs citations

337
times ranked

11795
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Carbon Nanofibers@Nickel Phosphide Nanoparticles for High-Performance Supercapacitors. <i>Small Structures</i> , 2022, 3, 2100183.	6.9	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.	2.8	2
3	Biosensing with a scanning planar Yagi-Uda antenna. <i>Biomedical Optics Express</i> , 2022, 13, 539.	1.5	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.	3.3	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.	2.0	3
6	Superoleophilic-Hydrophobic Kapok Oil Sorbents via Energy Efficient Carbonization. <i>Journal of Natural Fibers</i> , 2022, 19, 12398-12414.	1.7	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.	5.1	43
8	Quantitative E. coli Enzyme Detection in Reporter Hydrogel-Coated Paper Using a Smartphone Camera. <i>Biosensors</i> , 2021, 11, 25.	2.3	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.	4.0	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.	2.6	6
11	Recent advances for understanding the role of nanobubbles in particles flotation. <i>Advances in Colloid and Interface Science</i> , 2021, 291, 102403.	7.0	40
12	Xanthan Gum Hydrogels as High-Capacity Adsorbents for Dye Removal. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3142-3152.	2.0	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.	3.9	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.	5.4	14
16	Restoring Endogenous Repair Mechanisms to Heal Chronic Wounds with a Multifunctional Wound Dressing. <i>Molecular Pharmaceutics</i> , 2021, 18, 3171-3180.	2.3	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.	0.9	3
18	A Dimethylaminophenyl-Substituted Naphtho[1,2-a:6-b']quinolinium as a Multicolor NIR Probe for the Fluorimetric Detection of Intracellular Nucleic Acids and Proteins. <i>ChemPhotoChem</i> , 2021, 5, 1079-1088.	1.5	2

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19	Enhanced microbial inactivation by carbon dioxide through mechanical effects. <i>Journal of Supercritical Fluids</i> , 2021, 175, 105273.	1.6	1
20	Multiplexed detection and differentiation of bacterial enzymes and bacteria by color-encoded sensor hydrogels. <i>Bioactive Materials</i> , 2021, 6, 4286-4300.	8.6	22
21	Incubation media modify silver nanoparticle toxicity for whitefish (<i>Coregonus lavaretus</i>) and roach (<i>Rutilus rutilus</i>) embryos. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, , 1-20.	1.1	1
22	Antimicrobial Photodynamic Therapy: Latest Developments with a Focus on Combinatory Strategies. <i>Pharmaceutics</i> , 2021, 13, 1995.	2.0	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> . <i>New Journal of Chemistry</i> , 2021, 46, 39-43.	1.4	2
24	Unraveling the nanomechanical properties of surface-grafted conjugated polymer brushes with ladder-like architecture. <i>Polymer Chemistry</i> , 2020, 11, 7050-7062.	1.9	14
25	Enhancing DPCD in Liquid Products by Mechanical Inactivation Effects: Assessment of Feasibility. <i>Chemie-Ingenieur-Technik</i> , 2020, 92, 1122-1125.	0.4	2
26	Flexible Diamond Fibers for High-Energy-Density Zinc-Ion Supercapacitors. <i>Advanced Energy Materials</i> , 2020, 10, 2002202.	10.2	69
27	Giant Biodegradable Poly(ethylene glycol)- <i>b</i> -Poly(ϵ -caprolactone) Polymersomes by Electroformation. <i>Macromolecular Bioscience</i> , 2020, 20, e2000014.	2.1	12
28	Ultra-high energy density supercapacitors using a nickel phosphide/nickel/titanium carbide nanocomposite capacitor electrode. <i>Nanoscale</i> , 2020, 12, 13618-13625.	2.8	19
29	Protein Encapsulation: A Nanocarrier Approach to the Fluorescence Imaging of an Enzyme-Based Biomarker. <i>Frontiers in Chemistry</i> , 2020, 8, 389.	1.8	22
30	Tunable Photo-Electrochemistry of Patterned TiO ₂ /BDD Heterojunctions. <i>Small Methods</i> , 2020, 4, 2000257.	4.6	26
31	Investigation of the Fate of Silver and Titanium Dioxide Nanoparticles in Model Wastewater Effluents via Selected Area Electron Diffraction. <i>Environmental Science & Technology</i> , 2020, 54, 8681-8689.	4.6	7
32	Enhanced Colorimetric Differentiation between <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> Using a Shape-Encoded Sensor Hydrogel. <i>ACS Applied Bio Materials</i> , 2020, 3, 4398-4407.	2.3	17
33	Anodic Aluminum Oxide Nanopore Template-Assisted Fabrication of Nanostructured Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.3	5
34	Clickable and Antifouling Block Copolymer Brushes as a Versatile Platform for Peptide-Specific Cell Attachment. <i>Macromolecular Bioscience</i> , 2020, 20, e1900354.	2.1	27
35	Poly(diethylene glycol methylether methacrylate) Brush-Functionalized Anodic Alumina Nanopores: Curvature-Dependent Polymerization Kinetics and Nanopore Filling. <i>Langmuir</i> , 2020, 36, 2663-2672.	1.6	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. <i>Aquatic Toxicology</i> , 2020, 220, 105404.	1.9	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.	1.6	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.	2.4	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.	3.1	2
40	Propagation and Purification of Human Induced Pluripotent Stem Cells with Selective Homopolymer Release Surfaces. <i>Angewandte Chemie</i> , 2019, 131, 10673-10676.	1.6	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.	1.7	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.	4.0	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.	1.3	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.	3.9	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.	2.6	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.	1.6	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.	2.4	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.	7.2	14
49	Asymmetric multifunctional 3D cell microenvironments by capillary force assembly. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3560-3568.	2.9	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.	2.3	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.	1.6	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.	2.4	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.	10.2	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.	10.8	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.	2.0	3
56	Multimodal microscopy-based identification of surface nanobubbles. Journal of Colloid and Interface Science, 2019, 547, 162-170.	5.0	21
57	Tailored Combinatorial Microcompartments through the Self-Organization of Microobjects: Assembly, Characterization, and Cell Studies. Angewandte Chemie, 2019, 131, 5300-5304.	1.6	4
58	Tailored Combinatorial Microcompartments through the Self-Organization of Microobjects: Assembly, Characterization, and Cell Studies. Angewandte Chemie - International Edition, 2019, 58, 5246-5250.	7.2	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.	4.0	19
60	Micropatterning and nanopatterning with polymeric materials for advanced biointerface-controlled systems. Polymer International, 2019, 68, 1015-1032.	1.6	9
61	Phosphorus-Doped Nanocrystalline Diamond for Supercapacitor Application. ChemElectroChem, 2019, 6, 1088-1093.	1.7	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.	10.2	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.	4.0	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.	2.4	9
66	Detailed Analysis of Pancreatic Tumor Cell Attachment on Gradient PDEGMA Brushes. Macromolecular Bioscience, 2018, 18, 1700317.	2.1	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.	10.2	10
68	Three-Dimensional Microstructured Poly(vinyl alcohol) Hydrogel Platform for the Controlled Formation of Multicellular Cell Spheroids. Biomacromolecules, 2018, 19, 158-166.	2.6	19
69	Enhanced cell adhesion on a bio-inspired hierarchically structured polyester modified with gelatin-methacrylate. Biomaterials Science, 2018, 6, 785-792.	2.6	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.	1.6	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.	1.7	6
72	3D 3CaSiC/Graphene Hybrid Nanolaminate Films for High-Performance Supercapacitors. Small, 2018, 14, e1801857.	5.2	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.	1.6	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.	1.6	54
75	An Acid Test: Facile S ₁ -ARGET-ATRP of Methacrylic Acid. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800182.	1.1	2
76	Hyaluronic Acid-Modified Porous Silicon Films for the Electrochemical Sensing of Bacterial Hyaluronidase. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800178.	2.0	12
77	Towards Multiplexed Bacteria Detection by Enzyme Responsive Hydrogels. <i>Macromolecular Symposia</i> , 2018, 379, 1600178.	0.4	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.	4.0	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.	2.6	18
81	Biom mineralization potential and cellular response of PHB and PHBV blends with natural anionic polysaccharides. <i>Materials Science and Engineering C</i> , 2017, 76, 13-24.	3.8	26
82	8-Styryl-substituted coralyne derivatives as DNA binding fluorescent probes. <i>RSC Advances</i> , 2017, 7, 10660-10667.	1.7	18
83	Polysucrose-based hydrogels for loading of small molecules and cell growth. <i>Reactive and Functional Polymers</i> , 2017, 115, 18-27.	2.0	5
84	Encapsulation of Autoinducer Sensing Reporter Bacteria in Reinforced Alginate-Based Microbeads. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22321-22331.	4.0	62
85	Pristine DNA Hydrogels from Biotechnologically Derived Plasmid DNA. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12004-12008.	7.2	28
86	Isolated Reporter Bacteria in Supramolecular Hydrogel Microwell Arrays. <i>Langmuir</i> , 2017, 33, 7799-7809.	1.6	12
87	DNA-Hydrogele aus Plasmid-DNA. <i>Angewandte Chemie</i> , 2017, 129, 12167-12171.	1.6	6
88	Î²-Carrageenan Enhances the Biom mineralization and Osteogenic Differentiation of Electrospun Polyhydroxybutyrate and Polyhydroxybutyrate Valerate Fibers. <i>Biomacromolecules</i> , 2017, 18, 1563-1573.	2.6	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.	1.6	15
90	Long-Term Stable Poly(acrylamide) Brush Modified Transparent Microwells for Cell Attachment Studies in 3D. <i>Macromolecular Bioscience</i> , 2017, 17, 1600451.	2.1	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.	1.1	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.	2.6	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.	2.6	25
94	Autoinducer Sensing Microarrays by Reporter Bacteria Encapsulated in Hybrid Supramolecular Polysaccharide Hydrogels. <i>Macromolecular Bioscience</i> , 2017, 17, 1700176.	2.1	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, .	2.1	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.	2.1	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.	1.1	25
99	Impact of substrate temperature on the structure and electrical performance of vacuum-deposited $\text{C}_{12}\text{H}_{10}\text{S}$ oligothiophene thin films. <i>RSC Advances</i> , 2016, 6, 115085-115091.	1.7	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.	0.6	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.	0.8	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.	4.0	26
103	Thickness Dependence of Bovine Serum Albumin Adsorption on Thin Thermoresponsive Poly(diethylene) Tj ETQq1 1 0.784314 rgBT /C 2016, 32, 9360-9370.	1.6	25
104	Block Copolymer Brushes for Completely Decoupled Control of Determinants of Cell Surface Interactions. <i>Angewandte Chemie</i> , 2016, 128, 13308-13311.	1.6	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.	7.2	32
106	Australian European Self-Assembly through Macromolecular Interactions. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2207-2208.	1.1	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.	1.6	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.	1.6	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.	1.6	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.	2.6	16
111	Control of Cell Attachment and Spreading on Poly(acrylamide) Brushes with Varied Grafting Density. <i>Langmuir</i> , 2016, 32, 838-847.	1.6	38
112	Modeling the Interaction between AFM Tips and Pinned Surface Nanobubbles. <i>Langmuir</i> , 2016, 32, 751-758.	1.6	25
113	Synthesis and characterization of well-defined ligand-terminated block copolymer brushes for multifunctional biointerfaces. <i>Polymer</i> , 2016, 98, 409-420.	1.8	28
114	Autonomously Sensing Hydrogels for the Rapid and Selective Detection of Pathogenic Bacteria. <i>Macromolecular Rapid Communications</i> , 2015, 36, 2123-2128.	2.0	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.	1.5	6
116	Forces and Thin Water Film Drainage in Deformable Asymmetric Nanoscale Contacts. <i>ACS Nano</i> , 2015, 9, 12-15.	7.3	19
117	Enzyme Degradable Polymersomes from Hyaluronic Acid- <i>block</i> -poly(μ -caprolactone) Copolymers for the Detection of Enzymes of Pathogenic Bacteria. <i>Biomacromolecules</i> , 2015, 16, 832-841.	2.6	100
118	Electrochemical Supercapacitors from Diamond. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18918-18926.	1.5	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.	7.3	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.	2.9	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.	3.2	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.	2.0	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.	2.6	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.	4.0	51
125	Molecular Beacon Modified Sensor Chips for Oligonucleotide Detection with Optical Readout. <i>Langmuir</i> , 2014, 30, 14360-14367.	1.6	15
126	Characterization of the Interaction between AFM Tips and Surface Nanobubbles. <i>Langmuir</i> , 2014, 30, 7112-7126.	1.6	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.	1.6	30
128	Construction of Three-Dimensional DNA Hydrogels from Linear Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8328-8332.	7.2	48
129	Poly(ester-ether)s: II. Properties of electrospun nanofibres from polydioxanone and poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	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.	1.2	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.	4.0	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.	0.5	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.	1.6	43
134	Enzyme-Sensing Chitosan Hydrogels. <i>Langmuir</i> , 2014, 30, 7842-7850.	1.6	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.	1.6	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.	1.7	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.	0.4	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.	2.6	43
139	The Flavoprotein Dodecin as a Redox Probe for Electron Transfer through DNA. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4950-4953.	7.2	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.	0.7	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.	1.6	42
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