

# Felix H Schacher

## List of Publications by Year in descending order

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191  
papers

7,910  
citations

71061

41  
h-index

62565

80  
g-index

199  
all docs

199  
docs citations

199  
times ranked

9177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid nanomaterials of biomolecule corona coated magnetic nanoparticles and their interaction with biological systems. <i>ChemistrySelect</i> , 2022, 7, 1311-1344.	0.7	4
2	Electrochemical characterization of mutant forms of rubredoxin B from <i>Mycobacterium tuberculosis</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2022, 1870, 140734.	1.1	2
3	Double hydrophilic copolymers – synthetic approaches, architectural variety, and current application fields. <i>Chemical Society Reviews</i> , 2022, 51, 995-1044.	18.7	20
4	The Polymerization of Homogentisic Acid In Vitro as a Model for Pyomelanin Formation. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	1.1	4
5	Synthesis of block copolymers containing 3-chloro-2-hydroxypropyl methacrylate by NMP – a versatile platform for functionalization. <i>Polymer Chemistry</i> , 2022, 13, 4421-4435.	1.9	1
6	Double hydrophilic poly(ethylene glycol)- <i>block</i> -poly(dehydroalanine) four-arm star block copolymers: synthesis and solution behavior. <i>Polymer Chemistry</i> , 2022, 13, 4298-4308.	1.9	3
7	Quinoline Photobasicity: Investigation within Water-Soluble Light-Responsive Copolymers. <i>Chemistry - A European Journal</i> , 2021, 27, 1072-1079.	1.7	8
8	1,7,9,10-Tetrasubstituted PMIs Accessible through Decarboxylative Bromination: Synthesis, Characterization, Photophysical Studies, and Hydrogen Evolution Catalysis. <i>Chemistry - A European Journal</i> , 2021, 27, 4081-4088.	1.7	16
9	pH-Dependent Structure of Block Copolymer Micelles Featuring a Polyampholyte Corona: A Combined Experimental and Theoretical Approach. <i>Macromolecules</i> , 2021, 54, 1976-1991.	2.2	2
10	Amine-containing diblock terpolymers via AROP: a versatile method for the generation of multifunctional micelles. <i>Polymer Chemistry</i> , 2021, 12, 3900-3916.	1.9	1
11	Core-Crosslinked Fluorescent Worm-Like Micelles for Glucose-Mediated Drug Delivery. <i>Biomacromolecules</i> , 2021, 22, 1458-1471.	2.6	13
12	Polyampholytic Graft Copolymers as Matrix for TiO <sub>2</sub> /Eosin Y/[Mo <sub>3</sub> S <sub>13</sub> ] <sup>2+</sup> Hybrid Materials and Light-Driven Catalysis. <i>Chemistry - A European Journal</i> , 2021, 27, 16924-16929.	1.7	9
13	Controlling Growth of Poly (Triethylene Glycol Acrylate-Co-Spiropyran Acrylate) Copolymer Liquid Films on a Hydrophilic Surface by Light and Temperature. <i>Polymers</i> , 2021, 13, 1633.	2.0	3
14	Polyelectrolyte Functionalisation of Track Etched Membranes: Towards Charge-Tuneable Adsorber Materials. <i>Membranes</i> , 2021, 11, 509.	1.4	2
15	Catalytic Activity of Various $\eta^2$ -diketiminato Zinc Complexes toward the Ring-Opening Polymerization of Caprolactone and Derivatives. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100187.	1.1	6
16	Electrochemical studies of the interaction of rifampicin and nanosome/rifampicin with dsDNA. <i>Bioelectrochemistry</i> , 2021, 140, 107736.	2.4	14
17	Polyether-Based Diblock Terpolymer Micelles with Pendant Anthracene Units – Light-Induced Crosslinking and Limitations Regarding Reversibility. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100485.	2.0	3
18	Triple-Responsive Polyampholytic Graft Copolymers as Smart Sensors with Varying Output. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000671.	2.0	12

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19	A Molecular Photosensitizer in a Porous Block Copolymer Matrix—Implications for the Design of Photocatalytically Active Membranes. <i>Chemistry - A European Journal</i> , 2021, 27, 17049-17058.	1.7	6
20	Electrochemical Stimulation of Water–Oil Interfaces by Nonionic–Cationic Block Copolymer Systems. <i>Langmuir</i> , 2021, 37, 1073-1081.	1.6	7
21	Polymeric Photoacids Based on Naphthols—Design Criteria, Photostability, and Light-Mediated Release. <i>Chemistry - A European Journal</i> , 2020, 26, 2365-2379.	1.7	10
22	pH-Responsive Side Chains as a Tool to Control Aqueous Self-Assembly Mechanisms. <i>Chemistry - A European Journal</i> , 2020, 26, 606-610.	1.7	7
23	Double Hydrophilic Poly(ethylene oxide)-block-Poly(dehydroalanine) Block Copolymers: Comparison of Two Different Synthetic Routes. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900383.	1.1	12
24	Self-Assembly of Copolyesters into Stereocomplex Crystallites Tunes the Properties of Polyester Nanoparticles. <i>Macromolecules</i> , 2020, 53, 8340-8351.	2.2	11
25	Dual Photo- and pH-Responsive Spirooxazine-Functionalized Dextran Nanoparticles. <i>Biomacromolecules</i> , 2020, 21, 3620-3630.	2.6	13
26	Rational Design of Amphiphilic Diblock Copolymer/MWCNT Surface Modifiers and Their Application for Direct Electrochemical Sensing of DNA. <i>Polymers</i> , 2020, 12, 1514.	2.0	11
27	Synthesis, characterization, thermodynamics and thermal degradation kinetics of imine-linked polymers. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	6
28	Surface Functionalization of Magnetic Nanoparticles Using a Thiol-Based Grafting-Through Approach. <i>Surfaces</i> , 2020, 3, 116-131.	1.0	3
29	Photocatalytically active block copolymer hybrid micelles from double hydrophilic block copolymers. <i>European Polymer Journal</i> , 2020, 140, 110037.	2.6	9
30	Polyampholytic Poly(dehydroalanine) Graft Copolymers as Smart Templates for pH-Controlled Formation of Alloy Nanoparticles. <i>Macromolecules</i> , 2020, 53, 4511-4523.	2.2	14
31	Weak Polyampholytes at the Interface of Magnetic Nanocarriers: A Facile Catch-and-Release Platform for Dyes. <i>Langmuir</i> , 2020, 36, 6095-6105.	1.6	17
32	Copolymerization of Caprolactone Isomers to Obtain Nanoparticles with Constant Hydrophobicity and Tunable Crystallinity. <i>Macromolecules</i> , 2020, 53, 5208-5217.	2.2	10
33	Crystallization vs Metal Chelation: Solution Self-Assembly of Dual Responsive Block Copolymers. <i>Macromolecules</i> , 2020, 53, 5056-5067.	2.2	21
34	Embedding molecular photosensitizers and catalysts in nanoporous block copolymer membranes for visible-light driven hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6238-6244.	5.2	22
35	Multimodal Characterization of Resin Embedded and Sliced Polymer Nanoparticles by Means of Tip-Enhanced Raman Spectroscopy and Force-Distance Curve Based Atomic Force Microscopy. <i>Small</i> , 2020, 16, 1907418.	5.2	9
36	Electrochemical fingerprint of cytochrome c on a polymer/MWCNT nanocomposite electrode. <i>Mendeleev Communications</i> , 2020, 30, 299-301.	0.6	9

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37	Thermal Transport in Ampholytic Polymers: The Role of Hydrogen Bonding and Water Uptake. <i>Macromolecules</i> , 2020, 53, 5528-5537.	2.2	9
38	Block Polypeptoids: Synthesis, Characterization, and Response Toward Irradiation with UV Light and Temperature. <i>Macromolecules</i> , 2020, 53, 5218-5226.	2.2	17
39	Block Copolymers Featuring Highly Photostable Photoacids Based on Vinyl naphthol: Synthesis and Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2020, 41, 1900607.	2.0	5
40	Frontispiece: Polymeric Photoacids Based on Naphthols—Design Criteria, Photostability, and Light-Mediated Release. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	0
41	Effect of poly(acrylic acid) architecture on setting and mechanical properties of glass ionomer cements. <i>Dental Materials</i> , 2020, 36, 377-386.	1.6	14
42	All-electrochemical nanocomposite two-electrode setup for quantification of drugs and study of their electrocatalytical conversion by cytochromes P450. <i>Electrochimica Acta</i> , 2020, 336, 135579.	2.6	29
43	Polymersome formation induced by encapsulation of water-insoluble molecules within ABC triblock terpolymers. <i>Polymer Chemistry</i> , 2020, 11, 3446-3452.	1.9	4
44	Tackling the Limitations of Copolymeric Small Interfering RNA Delivery Agents by a Combined Experimental-Computational Approach. <i>Biomacromolecules</i> , 2019, 20, 4389-4406.	2.6	7
45	Core-crosslinked worm-like micelles from polyether-based diblock terpolymers. <i>Polymer Chemistry</i> , 2019, 10, 5425-5439.	1.9	7
46	Different Routes to Ampholytic Polydehydroalanine: Orthogonal versus Simultaneous Deprotection. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800857.	2.0	8
47	Synthesis and degradation of branched, photo-labile poly(acrylic acid) and polystyrene. <i>Polymer Chemistry</i> , 2019, 10, 593-602.	1.9	9
48	Polyampholytic graft copolymers based on polydehydroalanine (PDha) — synthesis, solution behavior and application as dispersants for carbon nanotubes. <i>Polymer Chemistry</i> , 2019, 10, 3006-3019.	1.9	18
49	Synthesis and Solution Self-Assembly of Poly(1,3-dioxolane). <i>Macromolecules</i> , 2019, 52, 3359-3366.	2.2	25
50	Synthesis and solution behaviour of dual light- and temperature-responsive poly(triethylene glycol) block copolymers. <i>Macromolecules</i> , 2019, 52, 2222-2231.	1.9	18
51	Artificial Microbial Arenas: Materials for Observing and Manipulating Microbial Consortia. <i>Advanced Materials</i> , 2019, 31, 1900284.	11.1	30
52	Protein corona formation and its constitutional changes on magnetic nanoparticles in serum featuring a polydehydroalanine coating: effects of charge and incubation conditions. <i>Nanotechnology</i> , 2019, 30, 265707.	1.3	22
53	Synthesis of Polypeptoid-Polycaprolactone-Polytetrahydrofuran Heterograft Molecular Polymer Brushes via a Combination of Janus Polymerization and ROMP. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800905.	2.0	12
54	Long-term stable poly(ionic liquid)/MWCNTs inks enable enhanced surface modification for electrooxidative detection and quantification of dsDNA. <i>Polymer</i> , 2019, 168, 95-103.	1.8	32

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55	Synthesis and self-assembly of photoacid-containing block copolymers based on 1-naphthol. <i>Polymer Chemistry</i> , 2019, 10, 5602-5616.	1.9	8
56	Spherical and Worm-Like Micelles from Fructose-Functionalized Polyether Block Copolymers. <i>Macromolecular Bioscience</i> , 2018, 18, e1700396.	2.1	7
57	Reversible Adsorption of Methylene Blue as Cationic Model Cargo onto Polyzwitterionic Magnetic Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800017.	2.0	23
58	Core-crosslinked diblock terpolymer micelles – taking a closer look on crosslinking efficiency. <i>Polymer Chemistry</i> , 2018, 9, 2247-2257.	1.9	11
59	Reversible Electrostatic Adsorption of Polyelectrolytes and Bovine Serum Albumin onto Polyzwitterion-Coated Magnetic Multicore Nanoparticles: Implications for Sensing and Drug Delivery. <i>ACS Applied Nano Materials</i> , 2018, 1, 232-244.	2.4	34
60	Block Copolymer Self-Assembly in Solution – Quo Vadis?. <i>Chemistry - an Asian Journal</i> , 2018, 13, 230-239.	1.7	55
61	Non-invasive study of the three-dimensional structure of nanoporous triblock terpolymer membranes. <i>Soft Matter</i> , 2018, 14, 9750-9754.	1.2	2
62	Controlling Intermolecular Interactions at Interfaces: Case of Supramolecular Tuning of Fullerene's Electronic Structure. <i>Advanced Energy Materials</i> , 2018, 8, 1801737.	10.2	18
63	Poly(2-acrylamidoglycolic acid) (PAGA): Controlled Polymerization Using RAFT and Chelation of Metal Cations. <i>Macromolecules</i> , 2018, 51, 7284-7294.	2.2	18
64	A translation of the structure of mussel byssal threads into synthetic materials by the utilization of histidine-rich block copolymers. <i>Polymer Chemistry</i> , 2018, 9, 3543-3551.	1.9	11
65	3-Miktoarm Star Terpolymers via Janus Polymerization: One-Step Synthesis and Self-Assembly. <i>Macromolecules</i> , 2018, 51, 4938-4944.	2.2	22
66	Synthesis, Characterization, and Applications of Magnetic Nanoparticles Featuring Polyzwitterionic Coatings. <i>Polymers</i> , 2018, 10, 91.	2.0	147
67	Dual Stimuli-Responsive P(NIPAAm-co-SPA) Copolymers: Synthesis and Response in Solution and in Films. <i>Polymers</i> , 2018, 10, 645.	2.0	21
68	Core-Shell-Corona Micelles from a Polyether-Based Triblock Terpolymer: Investigation of the pH-Dependent Micellar Structure. <i>Langmuir</i> , 2018, 34, 7813-7820.	1.6	6
69	Micro-spherical cochleate composites: method development for monodispersed cochleate system. <i>Journal of Liposome Research</i> , 2017, 27, 32-40.	1.5	13
70	Light-responsive terpolymers based on polymerizable photoacids. <i>Polymer Chemistry</i> , 2017, 8, 2959-2971.	1.9	15
71	Facile photo-flow synthesis of branched poly(butyl acrylate)s. <i>Reaction Chemistry and Engineering</i> , 2017, 2, 479-486.	1.9	20
72	Photocatalytic Hydrogen Evolution Driven by [FeFe] Hydrogenase Models Tethered to Fluorene and Silafluorene Sensitizers. <i>Chemistry - A European Journal</i> , 2017, 23, 334-345.	1.7	34

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73	Photo-reversible bonding and cleavage of block copolymers. <i>Polymer Chemistry</i> , 2017, 8, 4038-4042.	1.9	19
74	Zwitterionic Iron Oxide ( $\text{Fe}_2\text{O}_3$ ) Nanoparticles Based on P(2VP- <i>g</i> -AA) Copolymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600637.	2.0	9
75	Amphiphilic and double hydrophilic block copolymers containing a polydehydroalanine block. <i>Polymer Chemistry</i> , 2017, 8, 936-945.	1.9	22
76	Evolution of Microphase Separation with Variations of Segments of Sequence-Controlled Multiblock Copolymers. <i>Macromolecules</i> , 2017, 50, 7380-7387.	2.2	44
77	Synthesis and modification of poly(ethyl 2-(imidazol-1-yl)acrylate) (PEImA). <i>Polymer</i> , 2017, 127, 182-191.	1.8	8
78	Cargo-carrier interactions significantly contribute to micellar conformation and biodistribution. <i>NPG Asia Materials</i> , 2017, 9, e444-e444.	3.8	28
79	POMbranes: polyoxometalate-functionalized block copolymer membranes for oxidation catalysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15789-15796.	5.2	26
80	Contributions of hard and soft blocks in the self-healing of metal-ligand-containing block copolymers. <i>European Polymer Journal</i> , 2017, 93, 417-427.	2.6	33
81	Micellization of Photo-Responsive Block Copolymers. <i>Polymers</i> , 2017, 9, 396.	2.0	25
82	Well-Defined $\text{SiO}_2$ @P(EtOx- <i>stat</i> -EI) Core-Shell Hybrid Nanoparticles via Sol-Gel Processes. <i>Macromolecular Rapid Communications</i> , 2016, 37, 337-342.	2.0	12
83	Switching the Stiffness of Polyelectrolyte Assembly by Light to Control Behavior of Supported Cells. <i>Macromolecular Bioscience</i> , 2016, 16, 1422-1431.	2.1	32
84	Selective crosslinking or addressing of individual domains within block copolymer nanostructures. <i>European Polymer Journal</i> , 2016, 80, 317-331.	2.6	25
85	Splitting of Surface-Immobilized Multicompartment Micelles into Clusters upon Charge Inversion. <i>ACS Nano</i> , 2016, 10, 5180-5188.	7.3	12
86	$\text{I}^{\pm}$ -Reactive Building Blocks Based on a Dual Functional RAFT Agent for Thermal and Light-Induced Ligation. <i>ACS Macro Letters</i> , 2016, 5, 597-601.	2.3	12
87	ATRP of <i>tert</i> -Butoxycarbonylaminoethyl acrylate ( <i>t</i> -BAMA): Well-Defined Precursors for Polyelectrolytes of Tunable Charge. <i>Macromolecules</i> , 2016, 49, 3696-3705.	2.2	24
88	Sulfo-and carboxybetaine-containing polyampholytes based on poly(2-vinyl pyridine): Synthesis and solution behavior. <i>Polymer</i> , 2016, 104, 40-48.	1.8	10
89	Rod-Like Nanoparticles with Striped and Helical Topography. <i>ACS Macro Letters</i> , 2016, 5, 1185-1190.	2.3	35
90	Controlling Electronic Transitions in Fullerene van der Waals Aggregates via Supramolecular Assembly. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 21512-21521.	4.0	31

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91	Light-Induced Water Splitting Causes High-Amplitude Oscillation of pH-Sensitive Layer-by-Layer Assemblies on TiO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13001-13004.	7.2	42
92	Light-Induced Water Splitting Causes High-Amplitude Oscillation of pH-Sensitive Layer-by-Layer Assemblies on TiO <sub>2</sub> . <i>Angewandte Chemie</i> , 2016, 128, 13195-13198.	1.6	4
93	A Metal Salt Dependent Self-Healing Response in Supramolecular Block Copolymers. <i>Macromolecules</i> , 2016, 49, 8418-8429.	2.2	37
94	Polymer Interfaces: Synthetic Strategies Enabling Functionality, Adaptivity, and Spatial Control. <i>Macromolecules</i> , 2016, 49, 5001-5016.	2.2	25
95	Polymer/zinc hybrid-flow battery using block copolymer micelles featuring a TEMPO corona as catholyte. <i>Polymer Chemistry</i> , 2016, 7, 1711-1718.	1.9	81
96	Maleimide-functionalized poly(2-ethyl-2-oxazoline): synthesis and reactivity. <i>Polymer Chemistry</i> , 2016, 7, 2419-2426.	1.9	10
97	Intentional formation of a protein corona on nanoparticles: Serum concentration affects protein corona mass, surface charge, and nanoparticle-cell interaction. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 75, 196-202.	1.2	118
98	SPION@polydehydroalanine hybrid particles. <i>RSC Advances</i> , 2015, 5, 31920-31929.	1.7	29
99	Hierarchical Self-Assembly of Double-Crystalline Poly(ferrocenyldimethylsilane)-block-poly(2-isopropyl-2-oxazoline) (PFDMSS-b-PPiPrOx) Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1651-1657.	2.0	7
100	Synthesis and Complexation of Well-Defined Labeled Poly(N,N-dimethylaminoethyl methacrylate)s (PDMAEMA). <i>Polymers</i> , 2015, 7, 2478-2493.	2.0	17
101	Facile synthesis of highly thermally stable nanoporous $\gamma$ -aluminas from aluminum alkoxide precursors. <i>RSC Advances</i> , 2015, 5, 49493-49499.	1.7	11
102	Facilitated biosensing via direct electron transfer of myoglobin integrated into diblock copolymer/multi-walled carbon nanotube nanocomposites. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5467-5477.	2.9	27
103	Star-shaped poly(2-ethyl-2-oxazoline) featuring a porphyrin core: synthesis and metal complexation. <i>E-Polymers</i> , 2015, 15, 227-235.	1.3	12
104	Toward Anisotropic Hybrid Materials: Directional Crystallization of Amphiphilic Polyoxazoline-Based Triblock Terpolymers. <i>ACS Nano</i> , 2015, 9, 10085-10098.	7.3	29
105	The Self-Healing Potential of Triazole-Pyridine-Based Metallopolymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 604-609.	2.0	37
106	Water-Resistant, Transparent Hybrid Nanopaper by Physical Cross-Linking with Chitosan. <i>Biomacromolecules</i> , 2015, 16, 1062-1071.	2.6	130
107	Nacre-mimetics with synthetic nanoclays up to ultrahigh aspect ratios. <i>Nature Communications</i> , 2015, 6, 5967.	5.8	252
108	Mechanisms and kinetics of the crystal thickening of poly(butadiene)-block-poly(ethylene oxide) during annealing within the melting range. <i>European Polymer Journal</i> , 2015, 68, 10-20.	2.6	8

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109	Poly(thiolactone) homo- and copolymers from maleimide thiolactone: synthesis and functionalization. <i>Polymer Chemistry</i> , 2015, 6, 4240-4251.	1.9	33
110	Preparation of Core-Shell Hybrid Materials by Producing a Protein Corona Around Magnetic Nanoparticles. <i>Nanoscale Research Letters</i> , 2015, 10, 992.	3.1	31
111	Phase Inversion Membranes from Amphiphilic Diblock Terpolymers. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500042.	1.9	22
112	Dye-sensitized PS- <i>b</i> -P2VP-templated nickel oxide films for photoelectrochemical applications. <i>Interface Focus</i> , 2015, 5, 20140083.	1.5	32
113	Self-healing response in supramolecular polymers based on reversible zinc-histidine interactions. <i>Polymer</i> , 2015, 69, 274-282.	1.8	66
114	Schizophrenic thermoresponsive block copolymer micelles based on LCST and UCST behavior in ethanol-water mixtures. <i>European Polymer Journal</i> , 2015, 69, 460-471.	2.6	25
115	Correlation between scratch healing and rheological behavior for terpyridine complex based metallopolymer. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22145-22153.	5.2	79
116	Incorporation of core-shell particles into methacrylate based composites for improvement of the mechanical properties. <i>Polymer Chemistry</i> , 2015, 6, 5273-5280.	1.9	10
117	Amphiphilic polyether-based block copolymers as crosslinkable ligands for Au-nanoparticles. <i>Polymer Chemistry</i> , 2015, 6, 5633-5642.	1.9	14
118	Synthesis and self-assembly of poly(ferrocenyldimethylsilane)-block-poly(2-alkyl-2-oxazoline) block copolymers. <i>Polymer Chemistry</i> , 2015, 6, 1604-1612.	1.9	11
119	Sequential pH-Dependent Adsorption of Ionic Amphiphilic Diblock Copolymer Micelles and Choline Oxidase Onto Conductive Substrates: Toward the Design of Biosensors. <i>Macromolecular Bioscience</i> , 2014, 14, 1039-1051.	2.1	30
120	Poly(2-vinyl pyridine)- <i>b</i> -Poly(ethylene oxide) Featuring a Furan Group at the Block Junction-Synthesis and Functionalization. <i>Macromolecular Rapid Communications</i> , 2014, 35, 916-921.	2.0	11
121	Multicompartment Micelles with Adjustable Poly(ethylene glycol) Shell for Efficient <i>in Vivo</i> Photodynamic Therapy. <i>ACS Nano</i> , 2014, 8, 1161-1172.	7.3	78
122	Poly(ethylene oxide) (PEO)-based ABC triblock terpolymers - synthetic complexity vs. application benefits. <i>Polymer Chemistry</i> , 2014, 5, 2647-2662.	1.9	52
123	Electron Microscopy and Theoretical Modeling of Cochleates. <i>Langmuir</i> , 2014, 30, 13143-13151.	1.6	19
124	Synthesis and crystallization-driven solution self-assembly of polyferrocenyldimethylsilane diblock copolymers with polymethacrylate corona-forming blocks. <i>Polymer Chemistry</i> , 2014, 5, 1923-1929.	1.9	32
125	Amphiphilic block copolymers featuring a reversible hetero Diels-Alder linkage. <i>Polymer Chemistry</i> , 2014, 5, 5330-5338.	1.9	33
126	Nanoporous Sheets and Cylinders via Bulk Templating of Triblock Terpolymer/Homopolymer Blends. <i>Macromolecules</i> , 2014, 47, 6289-6301.	2.2	18

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127	Solution self-assembly of poly(ethylene oxide)-block-poly(furfuryl glycidyl ether)-block-poly(allyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 5, 6943-6956.	1.9	20
128	Controlling Aqueous Self-Assembly Mechanisms by Hydrophobic Interactions. Chemistry - A European Journal, 2014, 20, 13871-13875.	1.7	42
129	Porous NiOx nanostructures templated by polystyrene-block-poly(2-vinylpyridine) diblock copolymer micelles. Journal of Materials Chemistry A, 2014, 2, 6158.	5.2	13
130	Small but Powerful: Co-Assembly of Polyether-Based Triblock Terpolymers into Sub-30 nm Micelles and Synergistic Effects on Cellular Interactions. Biomacromolecules, 2014, 15, 2426-2439.	2.6	25
131	Mechanical Performance of Macrofibers of Cellulose and Chitin Nanofibrils Aligned by Wet-Stretching: A Critical Comparison. Biomacromolecules, 2014, 15, 2709-2717.	2.6	154
132	Self-Assembly of Amphiphilic Triblock Terpolymers Mediated by Multifunctional Organic Acids: Vesicles, Toroids, and (Undulated) Ribbons. Macromolecules, 2014, 47, 1672-1683.	2.2	28
133	Hidden Structural Features of Multicompartment Micelles Revealed by Cryogenic Transmission Electron Tomography. ACS Nano, 2014, 8, 11330-11340.	7.3	56
134	Precise synthesis of undecenyl poly(ethylene oxide) macromonomers as heterofunctional building blocks for the synthesis of linear diblocks or of branched materials. European Polymer Journal, 2014, 57, 221-236.	2.6	9
135	Hierarchical self-assembly of miktoarm star polymers containing a polycationic segment: A general concept. Polymer, 2013, 54, 4528-4537.	1.8	20
136	Star-Shaped Drug Carriers for Doxorubicin with POEGMA and POEtOxMA Brush-like Shells: A Structural, Physical, and Biological Comparison. Biomacromolecules, 2013, 14, 2536-2548.	2.6	40
137	Easy Access to Amphiphilic Heterografted Poly(2-oxazoline) Comb Copolymers. Macromolecules, 2013, 46, 5107-5116.	2.2	40
138	Self-Healing Materials via Reversible Crosslinking of Poly(ethylene oxide)-Block-Poly(furfuryl) Tj ETQq0 0 0 rgBT /Overlock 10 4921-4932.	7.8	107
139	Guided hierarchical co-assembly of soft patchy nanoparticles. Nature, 2013, 503, 247-251.	13.7	573
140	Synthesis and solution self-assembly of block copolymers with a gradient, crystallizable polyferrocenylsilane core-forming metalloblock. Soft Matter, 2013, 9, 8569.	1.2	10
141	Understanding and tuning the self-assembly of polyether-based triblock terpolymers in aqueous solution. Soft Matter, 2013, 9, 3509.	1.2	28
142	Biocompatible Multishell Architecture for Iron Oxide Nanoparticles. Macromolecular Bioscience, 2013, 13, 93-105.	2.1	5
143	Self-Healing Polymer Coatings Based on Crosslinked Metallosupramolecular Copolymers. Advanced Materials, 2013, 25, 1634-1638.	11.1	319
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