Felix H Schacher

List of Publications by Year
in descending order

191 papers	7,910 citations	71102 41 h-index	62596 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. ChemistrySelect, 2022, 7, 1311-1344.	1.5	4
2	Electrochemical characterization of mutant forms of rubredoxin B from Mycobacterium tuberculosis. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2022, 1870, 140734.	2.3	2
3	Double hydrophilic copolymers â€“ synthetic approaches, architectural variety, and current application fields. Chemical Society Reviews, 2022, 51, 995-1044.	38.1	20
4	The Polymerization of Homogentisic Acid In Vitro as a Model for Pyomelanin Formation. Macromolecular Chemistry and Physics, 2022, 223, .	2.2	4
5	Synthesis of block copolymers containing 3-chloro-2-hydroxypropyl methacrylate by NMP â€“ a versatile platform for functionalization. Polymer Chemistry, 2022, 13, 4421-4435.	3.9	1
6	Double hydrophilic poly(ethylene glycol)-block-poly(dehydroalanine) four-arm star block copolymers: synthesis and solution behavior. Polymer Chemistry, 2022, 13, 4298-4308.	3.9	3
7	Quinoline Photobasicity: Investigation within Waterâ€Soluble Lightâ€Responsive Copolymers. Chemistry - A European Journal, 2021, 27, 1072-1079.	3.3	8
8	1,7,9,10â€Tetrasubstituted PMIs Accessible through Decarboxylative Bromination: Synthesis, Characterization, Photophysical Studies, and Hydrogen Evolution Catalysis. Chemistry - A European Journal, 2021, 27, 4081-4088.	3.3	16
9	pH-Dependent Structure of Block Copolymer Micelles Featuring a Polyampholyte Corona: A Combined Experimental and Theoretical Approach. Macromolecules, 2021, 54, 1976-1991.	4.8	2
10	Amine-containing diblock terpolymers via AROP: a versatile method for the generation of multifunctional micelles. Polymer Chemistry, 2021, 12, 3900-3916.	3.9	1
11	Core-Crosslinked Fluorescent Worm-Like Micelles for Glucose-Mediated Drug Delivery. Biomacromolecules, 2021, 22, 1458-1471.	5.4	13
12	Polyampholytic Graft Copolymers as Matrix for TiO₂/Eosin Y/[Mo₃S₁₃]^{2â^'} Hybrid Materials and Lightâ€Driven Catalysis. Chemistry - A European Journal, 2021, 27, 16924-16929.	3.3	9
13	Controlling Growth of Poly (Triethylene Glycol Acrylate-Co-Spiropyran Acrylate) Copolymer Liquid Films on a Hydrophilic Surface by Light and Temperature. Polymers, 2021, 13, 1633.	4.5	3
14	Polyelectrolyte Functionalisation of Track Etched Membranes: Towards Charge-Tuneable Adsorber Materials. Membranes, 2021, 11, 509.	3.0	2
15	Catalytic Activity of Various Î²â€Diketiminate Zinc Complexes toward the Ringâ€Opening Polymerization of Caprolactone and Derivatives. Macromolecular Chemistry and Physics, 2021, 222, 2100187.	2.2	6
16	Electrochemical studies of the interaction of rifampicin and nanosome/rifampicin with dsDNA. Bioelectrochemistry, 2021, 140, 107736.	4.6	14
17	Polyetherâ€Based Diblock Terpolymer Micelles with Pendant Anthracene Unitsâ€"Lightâ€Induced Crosslinking and Limitations Regarding Reversibility. Macromolecular Rapid Communications, 2021, 42, 2100485.	3.9	3
18	Tripleâ€Responsive Polyampholytic Graft Copolymers as Smart Sensors with Varying Output. Macromolecular Rapid Communications, 2021, 42, e2000671.	3.9	12

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19	A Molecular Photosensitizer in a Porous Block Copolymer Matrixâ€Implications for the Design of Photocatalytically Active Membranes. Chemistry - A European Journal, 2021, 27, 17049-17058.	3.3	6
20	Electrochemical Stimulation of Waterâ€“Oil Interfaces by Nonionicâ€“Cationic Block Copolymer Systems. Langmuir, 2021, 37, 1073-1081.	3.5	7
21	Polymeric Photoacids Based on Naphtholsâ€”Design Criteria, Photostability, and Lightâ€Mediated Release. Chemistry - A European Journal, 2020, 26, 2365-2379.	3.3	10
22	pHâ€Responsive Side Chains as a Tool to Control Aqueous Selfâ€Assembly Mechanisms. Chemistry - A European Journal, 2020, 26, 606-610.	3.3	7
23	Double Hydrophilic Poly(ethylene oxide)â€blockâ€Poly(dehydroalanine) Block Copolymers: Comparison of Two Different Synthetic Routes. Macromolecular Chemistry and Physics, 2020, 221, 1900383.	2.2	12
24	Self-Assembly of Copolyesters into Stereocomplex Crystallites Tunes the Properties of Polyester Nanoparticles. Macromolecules, 2020, 53, 8340-8351.	4.8	11
25	Dual Photo- and pH-Responsive Spirooxazine-Functionalized Dextran Nanoparticles. Biomacromolecules, 2020, 21, 3620-3630.	5.4	13
26	Rational Design of Amphiphilic Diblock Copolymer/MWCNT Surface Modifiers and Their Application for Direct Electrochemical Sensing of DNA. Polymers, 2020, 12, 1514.	4.5	11
27	Synthesis, characterization, thermodynamics and thermal degradation kinetics of imine-linked polymers. Journal of Polymer Research, 2020, 27, 1.	2.4	6
28	Surface Functionalization of Magnetic Nanoparticles Using a Thiol-Based Grafting-Through Approach. Surfaces, 2020, 3, 116-131.	2.3	3
29	Photocatalytically active block copolymer hybrid micelles from double hydrophilic block copolymers. European Polymer Journal, 2020, 140, 110037.	5.4	9
30	Polyampholytic Poly(dehydroalanine) Graft Copolymers as Smart Templates for pH-Controlled Formation of Alloy Nanoparticles. Macromolecules, 2020, 53, 4511-4523.	4.8	14
31	Weak Polyampholytes at the Interface of Magnetic Nanocarriers: A Facile Catch-and-Release Platform for Dyes. Langmuir, 2020, 36, 6095-6105.	3.5	17
32	Copolymerization of Caprolactone Isomers to Obtain Nanoparticles with Constant Hydrophobicity and Tunable Crystallinity. Macromolecules, 2020, 53, 5208-5217.	4.8	10
33	Crystallization vs Metal Chelation: Solution Self-Assembly of Dual Responsive Block Copolymers. Macromolecules, 2020, 53, 5056-5067.	4.8	21
34	Embedding molecular photosensitizers and catalysts in nanoporous block copolymer membranes for visible-light driven hydrogen evolution. Journal of Materials Chemistry A, 2020, 8, 6238-6244.	10.3	22
35	Multimodal Characterization of Resin Embedded and Sliced Polymer Nanoparticles by Means of Tipâ€Enhanced Raman Spectroscopy and Forceâ€“Distance Curve Based Atomic Force Microscopy. Small, 2020, 16, 1907418.	10.0	9
36	Electrochemical fingerprint of cytochrome c on a polymer/MWCNT nanocomposite electrode. Mendeleev Communications, 2020, 30, 299-301.	1.6	9

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37	Thermal Transport in Ampholytic Polymers: The Role of Hydrogen Bonding and Water Uptake. Macromolecules, 2020, 53, 5528-5537.	4.8	9
38	Block Polypeptoids: Synthesis, Characterization, and Response Toward Irradiation with UV Light and Temperature. Macromolecules, 2020, 53, 5218-5226.	4.8	17
39	Block Copolymers Featuring Highly Photostable Photoacids Based on Vinylnaphthol: Synthesis and Selfâ€Assembly. Macromolecular Rapid Communications, 2020, 41, 1900607.	3.9	5
40	Frontispiece: Polymeric Photoacids Based on Naphtholsâ€"Design Criteria, Photostability, and Lightâ€Mediated Release. Chemistry - A European Journal, 2020, 26, .	3.3	0
41	Effect of poly(acrylic acid) architecture on setting and mechanical properties of glass ionomer cements. Dental Materials, 2020, 36, 377-386.	3.5	14
42	All-electrochemical nanocomposite two-electrode setup for quantification of drugs and study of their electrocatalytical conversion by cytochromes P450. Electrochimica Acta, 2020, 336, 135579.	5.2	29
43	Polymersome formation induced by encapsulation of water-insoluble molecules within ABC triblock terpolymers. Polymer Chemistry, 2020, 11, 3446-3452.	3.9	4
44	Tackling the Limitations of Copolymeric Small Interfering RNA Delivery Agents by a Combined Experimentalâ€"Computational Approach. Biomacromolecules, 2019, 20, 4389-4406.	5.4	7
45	Core-crosslinked worm-like micelles from polyether-based diblock terpolymers. Polymer Chemistry, 2019, 10, 5425-5439.	3.9	7
46	Different Routes to Ampholytic Polydehydroalanine: Orthogonal versus Simultaneous Deprotection. Macromolecular Rapid Communications, 2019, 40, e1800857.	3.9	8
47	Synthesis and degradation of branched, photo-labile poly(acrylic acid) and polystyrene. Polymer Chemistry, 2019, 10, 593-602.	3.9	9
48	Polyampholytic graft copolymers based on polydehydroalanine (PDha) â€" synthesis, solution behavior and application as dispersants for carbon nanotubes. Polymer Chemistry, 2019, 10, 3006-3019.	3.9	18
49	Synthesis and Solution Self-Assembly of Poly(1,3-dioxolane). Macromolecules, 2019, 52, 3359-3366.	4.8	25
50	Synthesis and solution behaviour of dual light- and temperature-responsive poly(triethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	3.9	18
51	Artificial Microbial Arenas: Materials for Observing and Manipulating Microbial Consortia. Advanced Materials, 2019, 31, 1900284.	21.0	30
52	Protein corona formation and its constitutional changes on magnetic nanoparticles in serum featuring a polydehydroalanine coating: effects of charge and incubation conditions. Nanotechnology, 2019, 30, 265707.	2.6	22
53	Synthesis of Polypeptoidâ€Polycaprolactoneâ€Polytetrahydrofuran Heterograft Molecular Polymer Brushes via a Combination of Janus Polymerization and ROMP. Macromolecular Rapid Communications, 2019, 40, e1800905.	3.9	12
54	Long-term stable poly(ionic liquid)/MWCNTs inks enable enhanced surface modification for electrooxidative detection and quantification of dsDNA. Polymer, 2019, 168, 95-103.	3.8	32

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55	Synthesis and self-assembly of photoacid-containing block copolymers based on 1-naphthol. Polymer Chemistry, 2019, 10, 5602-5616.	3.9	8
56	Spherical and Wormâ€Like Micelles from Fructoseâ€Functionalized Polyether Block Copolymers. Macromolecular Bioscience, 2018, 18, e1700396.	4.1	7
57	Reversible Adsorption of Methylene Blue as Cationic Model Cargo onto Polyzwitterionic Magnetic Nanoparticles. Macromolecular Rapid Communications, 2018, 39, e1800017.	3.9	23
58	Core-crosslinked diblock terpolymer micelles â€“ taking a closer look on crosslinking efficiency. Polymer Chemistry, 2018, 9, 2247-2257.	3.9	11
59	Reversible Electrostatic Adsorption of Polyelectrolytes and Bovine Serum Albumin onto Polyzwitterion-Coated Magnetic Multicore Nanoparticles: Implications for Sensing and Drug Delivery. ACS Applied Nano Materials, 2018, 1, 232-244.	5.0	34
60	Block Copolymer Selfâ€Assembly in Solutionâ€”Quo Vadis?. Chemistry - an Asian Journal, 2018, 13, 230-239.	3.3	55
61	Non-invasive study of the three-dimensional structure of nanoporous triblock terpolymer membranes. Soft Matter, 2018, 14, 9750-9754.	2.7	2
62	Controlling Intermolecular Interactions at Interfaces: Case of Supramolecular Tuning of Fullerene's Electronic Structure. Advanced Energy Materials, 2018, 8, 1801737.	19.5	18
63	Poly(2-acrylamidoglycolic acid) (PAGA): Controlled Polymerization Using RAFT and Chelation of Metal Cations. Macromolecules, 2018, 51, 7284-7294.	4.8	18
64	A translation of the structure of mussel byssal threads into synthetic materials by the utilization of histidine-rich block copolymers. Polymer Chemistry, 2018, 9, 3543-3551.	3.9	11
65	3-Miktoarm Star Terpolymers via Janus Polymerization: One-Step Synthesis and Self-Assembly. Macromolecules, 2018, 51, 4938-4944.	4.8	22
66	Synthesis, Characterization, and Applications of Magnetic Nanoparticles Featuring Polyzwitterionic Coatings. Polymers, 2018, 10, 91.	4.5	147
67	Dual Stimuli-Responsive P(NIPAAm-co-SPA) Copolymers: Synthesis and Response in Solution and in Films. Polymers, 2018, 10, 645.	4.5	21
68	Coreâ€“Shellâ€“Corona Micelles from a Polyether-Based Triblock Terpolymer: Investigation of the pH-Dependent Micellar Structure. Langmuir, 2018, 34, 7813-7820.	3.5	6
69	Micro-spherical cochleate composites: method development for monodispersed cochleate system. Journal of Liposome Research, 2017, 27, 32-40.	3.3	13
70	Light-responsive terpolymers based on polymerizable photoacids. Polymer Chemistry, 2017, 8, 2959-2971.	3.9	15
71	Facile photo-flow synthesis of branched poly(butyl acrylate)s. Reaction Chemistry and Engineering, 2017, 2, 479-486.	3.7	20
72	Photocatalytic Hydrogen Evolution Driven by [FeFe] Hydrogenase Models Tethered to Fluorene and Silafluorene Sensitizers. Chemistry - A European Journal, 2017, 23, 334-345.	3.3	34

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73	Photo-reversible bonding and cleavage of block copolymers. Polymer Chemistry, 2017, 8, 4038-4042.	3.9	19
74	Zwitterionic Iron Oxide (Î³â€Fe₂O₃) Nanoparticles Based on P(2VPâ€gradâ€AA) Copolymers. Macromolecular Rapid Communications, 2017, 38, 1600637.	3.9	9
75	Amphiphilic and double hydrophilic block copolymers containing a polydehydroalanine block. Polymer Chemistry, 2017, 8, 936-945.	3.9	22
76	Evolution of Microphase Separation with Variations of Segments of Sequence-Controlled Multiblock Copolymers. Macromolecules, 2017, 50, 7380-7387.	4.8	44
77	Synthesis and modification of poly(ethyl 2-(imidazol-1-yl)acrylate) (PEImA). Polymer, 2017, 127, 182-191.	3.8	8
78	Cargoâ€“carrier interactions significantly contribute to micellar conformation and biodistribution. NPG Asia Materials, 2017, 9, e444-e444.	7.9	28
79	POMbranes: polyoxometalate-functionalized block copolymer membranes for oxidation catalysis. Journal of Materials Chemistry A, 2017, 5, 15789-15796.	10.3	26
80	Contributions of hard and soft blocks in the self-healing of metal-ligand-containing block copolymers. European Polymer Journal, 2017, 93, 417-427.	5.4	33
81	Micellization of Photo-Responsive Block Copolymers. Polymers, 2017, 9, 396.	4.5	25
82	Well-Defined SiO₂ @P(EtOx-stat -EI) Core-Shell Hybrid Nanoparticles via Sol-Gel Processes. Macromolecular Rapid Communications, 2016, 37, 337-342.	3.9	12
83	Switching the Stiffness of Polyelectrolyte Assembly by Light to Control Behavior of Supported Cells. Macromolecular Bioscience, 2016, 16, 1422-1431.	4.1	32
84	Selective crosslinking or addressing of individual domains within block copolymer nanostructures. European Polymer Journal, 2016, 80, 317-331.	5.4	25
85	Splitting of Surface-Immobilized Multicompartment Micelles into Clusters upon Charge Inversion. ACS Nano, 2016, 10, 5180-5188.	14.6	12
86	Î±,Ï‰-Reactive Building Blocks Based on a Dual Functional RAFT Agent for Thermal and Light-Induced Ligation. ACS Macro Letters, 2016, 5, 597-601.	4.8	12
87	ATRP of tert-Butoxycarbonylaminomethyl acrylate (tBAMA): Well-Defined Precursors for Polyelectrolytes of Tunable Charge. Macromolecules, 2016, 49, 3696-3705.	4.8	24
88	Sulfo-and carboxybetaine-containing polyampholytes based on poly(2-vinyl pyridine)s: Synthesis and solution behavior. Polymer, 2016, 104, 40-48.	3.8	10
89	Rod-Like Nanoparticles with Striped and Helical Topography. ACS Macro Letters, 2016, 5, 1185-1190.	4.8	35
90	Controlling Electronic Transitions in Fullerene van der Waals Aggregates via Supramolecular Assembly. ACS Applied Materials & Interfaces, 2016, 8, 21512-21521.	8.0	31

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91	Lightâ€Induced Water Splitting Causes Highâ€Amplitude Oscillation of pHâ€Sensitive Layerâ€byâ€Layer Assemblies on TiO₂. Angewandte Chemie - International Edition, 2016, 55, 13001-13004.	13.8	42
92	Lightâ€Induced Water Splitting Causes Highâ€Amplitude Oscillation of pHâ€Sensitive Layerâ€byâ€Layer Assemblies on TiO₂. Angewandte Chemie, 2016, 128, 13195-13198.	2.0	4
93	A Metal Salt Dependent Self-Healing Response in Supramolecular Block Copolymers. Macromolecules, 2016, 49, 8418-8429.	4.8	37
94	Polymer Interfaces: Synthetic Strategies Enabling Functionality, Adaptivity, and Spatial Control. Macromolecules, 2016, 49, 5001-5016.	4.8	25
95	Polymer/zinc hybrid-flow battery using block copolymer micelles featuring a TEMPO corona as catholyte. Polymer Chemistry, 2016, 7, 1711-1718.	3.9	81
96	Maleimide-functionalized poly(2-ethyl-2-oxazoline): synthesis and reactivity. Polymer Chemistry, 2016, 7, 2419-2426.	3.9	10
97	Intentional formation of a protein corona on nanoparticles: Serum concentration affects protein corona mass, surface charge, and nanoparticleâ€“cell interaction. International Journal of Biochemistry and Cell Biology, 2016, 75, 196-202.	2.8	118
98	SPION@polydehydroalanine hybrid particles. RSC Advances, 2015, 5, 31920-31929.	3.6	29
99	Hierarchical Selfâ€Assembly of Doubleâ€Crystalline Poly(ferrocenyldimethylsilane)â€blockâ€poly(2â€isoâ€propylâ€2â€oxazoline) (PFDMSâ€bâ€PiPrOx) Block Copolymers. Macromolecular Rapid Communications, 2015, 36, 1651-1657.	3.9	7
100	Synthesis and Complexation of Well-Defined Labeled Poly(N,N-dimethylaminoethyl methacrylate)s (PDMAEMA). Polymers, 2015, 7, 2478-2493.	4.5	17
101	Facile synthesis of highly thermally stable nanoporous Î³-aluminas from aluminum alkoxide precursors. RSC Advances, 2015, 5, 49493-49499.	3.6	11
102	Facilitated biosensing via direct electron transfer of myoglobin integrated into diblock copolymer/multi-walled carbon nanotube nanocomposites. Journal of Materials Chemistry B, 2015, 3, 5467-5477.	5.8	27
103	Star-shaped poly(2-ethyl-2-oxazoline) featuring a porphyrin core: synthesis and metal complexation. E-Polymers, 2015, 15, 227-235.	3.0	12
104	Toward Anisotropic Hybrid Materials: Directional Crystallization of Amphiphilic Polyoxazoline-Based Triblock Terpolymers. ACS Nano, 2015, 9, 10085-10098.	14.6	29
105	The Selfâ€Healing Potential of Triazoleâ€Pyridineâ€Based Metallopolymers. Macromolecular Rapid Communications, 2015, 36, 604-609.	3.9	37
106	Water-Resistant, Transparent Hybrid Nanopaper by Physical Cross-Linking with Chitosan. Biomacromolecules, 2015, 16, 1062-1071.	5.4	130
107	Nacre-mimetics with synthetic nanoclays up to ultrahigh aspect ratios. Nature Communications, 2015, 6, 5967.	12.8	252
108	Mechanisms and kinetics of the crystal thickening of poly(butadiene)-block-poly(ethylene oxide) during annealing within the melting range. European Polymer Journal, 2015, 68, 10-20.	5.4	8

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109	Poly(thiolactone) homo- and copolymers from maleimide thiolactone: synthesis and functionalization. Polymer Chemistry, 2015, 6, 4240-4251.	3.9	33
110	Preparation of Core-Shell Hybrid Materials by Producing a Protein Corona Around Magnetic Nanoparticles. Nanoscale Research Letters, 2015, 10, 992.	5.7	31
111	Phase Inversion Membranes from Amphiphilic Diblock Terpolymers. Advanced Materials Interfaces, 2015, 2, 1500042.	3.7	22
112	Dye-sensitized PS- b -P2VP-templated nickel oxide films for photoelectrochemical applications. Interface Focus, 2015, 5, 20140083.	3.0	32
113	Self-healing response in supramolecular polymers based on reversible zincâ€“histidine interactions. Polymer, 2015, 69, 274-282.	3.8	66
114	Schizophrenic thermoresponsive block copolymer micelles based on LCST and UCST behavior in ethanolâ€“water mixtures. European Polymer Journal, 2015, 69, 460-471.	5.4	25
115	Correlation between scratch healing and rheological behavior for terpyridine complex based metallopolymers. Journal of Materials Chemistry A, 2015, 3, 22145-22153.	10.3	79
116	Incorporation of coreâ€“shell particles into methacrylate based composites for improvement of the mechanical properties. Polymer Chemistry, 2015, 6, 5273-5280.	3.9	10
117	Amphiphilic polyether-based block copolymers as crosslinkable ligands for Au-nanoparticles. Polymer Chemistry, 2015, 6, 5633-5642.	3.9	14
118	Synthesis and self-assembly of poly(ferrocenyldimethylsilane)-block-poly(2-alkyl-2-oxazoline) block copolymers. Polymer Chemistry, 2015, 6, 1604-1612.	3.9	11
119	Sequential pHâ€Dependent Adsorption of Ionic Amphiphilic Diblock Copolymer Micelles and Choline Oxidase Onto Conductive Substrates: Toward the Design of Biosensors. Macromolecular Bioscience, 2014, 14, 1039-1051.	4.1	30
120	Poly(2â€vinyl pyridine)â€blockâ€Poly(ethylene oxide) Featuring a Furan Group at the Block Junctionâ€”Synthesis and Functionalization. Macromolecular Rapid Communications, 2014, 35, 916-921.	3.9	11
121	Multicompartment Micelles with Adjustable Poly(ethylene glycol) Shell for Efficient in Vivo Photodynamic Therapy. ACS Nano, 2014, 8, 1161-1172.	14.6	78
122	Poly(ethylene oxide) (PEO)-based ABC triblock terpolymers â€“ synthetic complexity vs. application benefits. Polymer Chemistry, 2014, 5, 2647-2662.	3.9	52
123	Electron Microscopy and Theoretical Modeling of Cochleates. Langmuir, 2014, 30, 13143-13151.	3.5	19
124	Synthesis and crystallization-driven solution self-assembly of polyferrocenylsilane diblock copolymers with polymethacrylate corona-forming blocks. Polymer Chemistry, 2014, 5, 1923-1929.	3.9	32
125	Amphiphilic block copolymers featuring a reversible hetero Diels-Alder linkage. Polymer Chemistry, 2014, 5, 5330-5338.	3.9	33
126	Nanoporous Sheets and Cylinders via Bulk Templating of Triblock Terpolymer/Homopolymer Blends. Macromolecules, 2014, 47, 6289-6301.	4.8	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.	3.9	20
128	Controlling Aqueous Selfâ€Assembly Mechanisms by Hydrophobic Interactions. Chemistry - A European Journal, 2014, 20, 13871-13875.	3.3	42
129	Porous NiOx nanostructures templated by polystyrene-block-poly(2-vinylpyridine) diblock copolymer micelles. Journal of Materials Chemistry A, 2014, 2, 6158.	10.3	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.	5.4	25
131	Mechanical Performance of Macrofibers of Cellulose and Chitin Nanofibrils Aligned by Wet-Stretching: A Critical Comparison. Biomacromolecules, 2014, 15, 2709-2717.	5.4	154
132	Self-Assembly of Amphiphilic Triblock Terpolymers Mediated by Multifunctional Organic Acids: Vesicles, Toroids, and (Undulated) Ribbons. Macromolecules, 2014, 47, 1672-1683.	4.8	28
133	Hidden Structural Features of Multicompartment Micelles Revealed by Cryogenic Transmission Electron Tomography. ACS Nano, 2014, 8, 11330-11340.	14.6	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.	5.4	9
135	Hierarchical self-assembly of miktoarm star polymers containing aÂpolycationic segment: A general concept. Polymer, 2013, 54, 4528-4537.	3.8	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.	5.4	40
137	Easy Access to Amphiphilic Heterografted Poly(2-oxazoline) Comb Copolymers. Macromolecules, 2013, 46, 5107-5116.	4.8	40
138	Selfâ€Healing Materials via Reversible Crosslinking of Poly(ethylene oxide)â€Blockâ€Poly(furfuryl) Tj ETQq0 0 0 rgBT /Overlock 10 4921-4932.	14.9	107
139	Guided hierarchical co-assembly of soft patchy nanoparticles. Nature, 2013, 503, 247-251.	27.8	573
140	Synthesis and solution self-assembly of block copolymers with a gradient, crystallizable polyferrocenylsilane core-forming metalloblock. Soft Matter, 2013, 9, 8569.	2.7	10
141	Understanding and tuning the self-assembly of polyether-based triblock terpolymers in aqueous solution. Soft Matter, 2013, 9, 3509.	2.7	28
142	Biocompatible Multishell Architecture for Iron Oxide Nanoparticles. Macromolecular Bioscience, 2013, 13, 93-105.	4.1	5
143	Selfâ€Healing Polymer Coatings Based on Crosslinked Metallosupramolecular Copolymers. Advanced Materials, 2013, 25, 1634-1638.	21.0	319
144	Cylindrical crystalline-core micelles: pushing the limits of solution self-assembly. Soft Matter, 2013, 9, 2101-2107.	2.7	66

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145	Counterion-Mediated Hierarchical Self-Assembly of an ABC Miktoarm Star Terpolymer. ACS Nano, 2013, 7, 4030-4041.	14.6	82
146	Crystal structure and chemical composition of biomimetic calcium phosphate nanofibers. RSC Advances, 2013, 3, 11301.	3.6	18
147	Amphiphilic star-shaped block copolymers as unimolecular drug delivery systems: investigations using a novel fungicide. Soft Matter, 2013, 9, 715-726.	2.7	32
148	Self-healing metallopolymers based on cadmium bis(terpyridine) complex containing polymer networks. Polymer Chemistry, 2013, 4, 4966.	3.9	119
149	Hybrid Fe3O4@amino cellulose nanoparticles in organic media â€“ Heterogeneous ligands for atom transfer radical polymerizations. Journal of Colloid and Interface Science, 2013, 390, 25-33.	9.4	41
150	A Paradigm Change: Efficient Transfection of Human Leukemia Cells by Stimuli-Responsive Multicompartment Micelles. ACS Nano, 2013, 7, 9621-9631.	14.6	63
151	Micellar Interpolyelectrolyte Complexes with a Compartmentalized Shell. Macromolecules, 2013, 46, 6466-6474.	4.8	21
152	A strong cationic BrÃ¸nsted acid, [H(OEt2)2][Al{OC(CF3)3}4], as an efficient initiator for the cationic ring-opening polymerization of 2-alkyl-2-oxazolines. Polymer Chemistry, 2013, 4, 495-505.	3.9	19
153	Synthesis and Solution Properties of Double Hydrophilic Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (oxide)-bl	4.5	26
154	Polyelectrolytes with Tunable Charge Based on Polydehydroalanine: Synthesis and Solution Properties. Macromolecular Chemistry and Physics, 2013, 214, 2202-2212.	2.2	29
155	Supramolecular three-armed star polymers via cyclodextrin hostâ€“guest self-assembly. Polymer Chemistry, 2012, 3, 3139.	3.9	74
156	Micellar interpolyelectrolyte complexes. Chemical Society Reviews, 2012, 41, 6888.	38.1	221
157	Hierarchical self-assembly of star-shaped organometallic crystalline-coil block copolymers in solution. Soft Matter, 2012, 8, 6968.	2.7	10
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