AndrÃ© Laschewsky

List of Publications by Year
in descending order

245	11,110	30070 54	46799 89
papers	citations	h-index	g-index

251	251	251	8361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low Fouling Polysulfobetaines with Variable Hydrophobic Content. Macromolecular Rapid Communications, 2022, 43, e2100589.	3.9	11
2	Poly(sulfobetaine)-Based Diblock Copolymer Thin Films in Water/Acetone Atmosphere: Modulation of Water Hydration and Co-nonsolvency-Triggered Film Contraction. Langmuir, 2022, 38, 6934-6948.	3.5	7
3	Aggregation Behavior of Nonsymmetrically End-Capped Thermoresponsive Block Copolymers in Aqueous Solutions: Between Polymer Coils and Micellar States. Macromolecules, 2022, 55, 5849-5863.	4.8	6
4	Poly(N,N-bis(2-methoxyethyl)acrylamide), a thermoresponsive non-ionic polymer combining the amide and the ethyleneglycolether motifs. Colloid and Polymer Science, 2021, 299, 205-219.	2.1	8
5	Self-Assembled Micelles from Thermoresponsive Poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (methacrylate)-b-poly(N-isopropylacrylamide) Diblock Copolymers. Macromolecules, 2021, 54, 384-397.	4.8	20
6	Ring-Opening Metathesis Polymerization of Unsaturated Carbohydrate Derivatives: Levoglucosenyl Alkyl Ethers. Macromolecules, 2021, 54, 2720-2728.	4.8	19
7	Sulfobetaine Methacrylate Polymers of Unconventional Polyzwitterion Architecture and Their Antifouling Properties. Biomacromolecules, 2021, 22, 1494-1508.	5.4	22
8	PMMA-b-PNIPAM Thin Films Display Cononsolvency-Driven Response in Mixed Water/Methanol Vapors. Macromolecules, 2021, 54, 3517-3530.	4.8	20
9	Ternary Nanoswitches Realized with Multiresponsive PMMAâ€•b â€PNIPMAM Films in Mixed Water/Acetone Vapor Atmospheres. Advanced Engineering Materials, 2021, 23, 2100191.	3.5	4
10	Co-Nonsolvency Effect in Solutions of Poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (methacrylate)-b-poly(N-isopropylacrylamide) Diblock Copolymers in Mixtures. Macromolecules, 2021, 54, 5825-5837.	4.8	13
11	Salt-Dependent Phase Transition Behavior of Doubly Thermoresponsive Poly(sulfobetaine)-Based Diblock Copolymer Thin Films. Langmuir, 2021, 37, 9179-9191.	3.5	10
12	Solvation Behavior of Poly(sulfobetaine)-Based Diblock Copolymer Thin Films in Mixed Water/Methanol Vapors. Macromolecules, 2021, 54, 7147-7159.	4.8	8
13	Poly(sulfobetaine) versus Poly(N-isopropylmethacrylamide): Co-Nonsolvency-Type Behavior of Thin Films in a Water/Methanol Atmosphere. Macromolecules, 2021, 54, 1548-1556.	4.8	17
14	Thermoresponsive Self-Assembly of Twofold Fluorescently Labeled Block Copolymers in Aqueous Solution and Microemulsions. Langmuir, 2021, , .	3.5	9
15	Influence of the surfactant degree of oligomerization on the formation of cyclodextrin: surfactant inclusion complexes. Arabian Journal of Chemistry, 2020, 13, 2318-2330.	4.9	6
16	Synthesis of Novel Sulfobetaine Polymers with Differing Dipole Orientations in Their Side Chains, and Their Effects on the Antifouling Properties. Macromolecular Rapid Communications, 2020, 41, e1900447.	3.9	35
17	Cyclic Water Storage Behavior of Doubly Thermoresponsive Poly(sulfobetaine)-Based Diblock Copolymer Thin Films. Macromolecules, 2020, 53, 9108-9121.	4.8	11
18	Effects of crosslink density in zwitterionic hydrogel coatings on their antifouling performance and susceptibility to silt uptake. Biofouling, 2020, 36, 646-659.	2.2	20

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19	Temperature-Dependent Phase Behavior of the Thermoresponsive Polymer Poly(N-isopropylmethacrylamide) in an Aqueous Solution. Macromolecules, 2020, 53, 6816-6827.	4.8	32
20	Effect of Dipole Orientation in Mixed, Charge-Equilibrated Self-assembled Monolayers on Protein Adsorption and Marine Biofouling. ACS Applied Materials & Interfaces, 2020, 12, 50953-50961.	8.0	11
21	Phase Transition Kinetics of Doubly Thermoresponsive Poly(sulfobetaine)-Based Diblock Copolymer Thin Films. Macromolecules, 2020, 53, 2841-2855.	4.8	28
22	Molecular Design of Zwitterionic Polymer Interfaces: Searching for the Difference. Langmuir, 2019, 35, 1056-1071.	3.5	98
23	Switch It Inside-Out: â€œSchizophrenicâ€•Behavior of All Thermoresponsive UCSTâ€“LCST Diblock Copolymers. Langmuir, 2019, 35, 9660-9676.	3.5	59
24	Influence of the degree of oligomerization of surfactants on the DNA/surfactant interaction. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110399.	5.0	5
25	Hydration and Dehydration Kinetics: Comparison between Poly(N-isopropyl methacrylamide) and Poly(methoxy diethylene glycol acrylate) Films. Langmuir, 2019, 35, 7691-7702.	3.5	21
26	Surface Modification by Polyzwitterions of the Sulfabetaine-Type, and Their Resistance to Biofouling. Polymers, 2019, 11, 1014.	4.5	25
27	Sediment challenge to promising ultra-low fouling hydrophilic surfaces in the marine environment. Biofouling, 2019, 35, 454-462.	2.2	28
28	All-In-One â€œSchizophrenicâ€•Self-Assembly of Orthogonally Tuned Thermoresponsive Diblock Copolymers. Langmuir, 2019, 35, 6441-6452.	3.5	20
29	Swelling and Exchange Behavior of Poly(sulfobetaine)-Based Block Copolymer Thin Films. Macromolecules, 2019, 52, 3486-3498.	4.8	28
30	Ringâ€Opening Metathesis Polymerization of Biomassâ€Derived Levoglucosenol. Angewandte Chemie, 2019, 131, 6790-6793.	2.0	16
31	Ringâ€Opening Metathesis Polymerization of Biomassâ€Derived Levoglucosenol. Angewandte Chemie - International Edition, 2019, 58, 6718-6721.	13.8	48
32	Low-Fouling Thin Hydrogel Coatings Made of Photo-Cross-Linked Polyzwitterions. Langmuir, 2019, 35, 1552-1562.	3.5	60
33	Comparative Investigation of the Thermoresponsive Behavior of Two Diblock Copolymers Comprising PNIPAM and PMDEGA Blocks. Journal of Physical Chemistry B, 2018, 122, 2655-2668.	2.6	10
34	Dual Orthogonal Switching of the â€œSchizophrenicâ€•Self-Assembly of Diblock Copolymers. Macromolecules, 2018, 51, 2604-2614.	4.8	33
35	Polysulfobetaines in Aqueous Solution and in Thin Film Geometry. Materials, 2018, 11, 850.	2.9	12
36	Exploring Poly(ethylene glycol)-Polyzwitterion Diblock Copolymers as Biocompatible Smart Macrosurfactants Featuring UCST-Phase Behavior in Normal Saline Solution. Polymers, 2018, 10, 325.	4.5	28

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37	Exploring the Long-Term Hydrolytic Behavior of Zwitterionic Polymethacrylates and Polymethacrylamides. Polymers, 2018, 10, 639.	4.5	32
38	Effect of chain architecture on the swelling and thermal response of star-shaped thermo-responsive (poly(methoxy diethylene glycol acrylate)-block-polystyrene)3 block copolymer films. Soft Matter, 2018, 14, 6582-6594.	2.7	21
39	Effects of Methacrylate-Based Thermoresponsive Polymer Brush Composition on Fibroblast Adhesion and Morphology. Cellular and Molecular Bioengineering, 2017, 10, 75-88.	2.1	11
40	Tuning reversible cell adhesion to methacrylate-based thermoresponsive polymers: Effects of composition on substrate hydrophobicity and cellular responses. Journal of Biomedical Materials Research - Part A, 2017, 105, 2416-2428.	4.0	11
41	â€œSchizophrenicâ€•Micelles from Doubly Thermoresponsive Polysulfobetaine-b-poly(N-isopropylmethacrylamide) Diblock Copolymers. Macromolecules, 2017, 50, 3985-3999.	4.8	47
42	Effect of the zwitterion structure on the thermo-responsive behaviour of poly(sulfobetaine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Tc	3.9	84
43	Vacuum induced dehydration of swollen poly(methoxy diethylene glycol acrylate) and polystyrene-block-poly(methoxy diethylene glycol acrylate)-block-polystyrene films probed by in-situ neutron reflectivity. Polymer, 2017, 124, 263-273.	3.8	14
44	â€œSchizophrenicâ€•self-assembly of dual thermoresponsive block copolymers bearing a zwitterionic and a non-ionic hydrophilic block. Polymer, 2017, 122, 347-357.	3.8	36
45	Influence of the Near Molecular Vicinity on the Temperature Regulated Fluorescence Response of Poly(N-vinylcaprolactam). Polymers, 2016, 8, 109.	4.5	13
46	The Effect of Temperature Treatment on the Structure of Polyelectrolyte Multilayers. Polymers, 2016, 8, 120.	4.5	15
47	Thermoresponsive Polymers and Inverse Opal Hydrogels for the Detection of Diols. Langmuir, 2016, 32, 4333-4345.	3.5	12
48	Thermoresponsive (star) block copolymers from one-pot sequential RAFT polymerizations and their self-assembly in aqueous solution. Polymer, 2016, 107, 422-433.	3.8	24
49	Aggregation Behavior of Doubly Thermoresponsive Polysulfobetaine-b-poly(N-isopropylacrylamide) Diblock Copolymers. Macromolecules, 2016, 49, 6655-6668.	4.8	46
50	Thermoresponsive amperometric glucose biosensor. Biointerphases, 2016, 11, 011001.	1.6	12
51	Quantifying the Interactions in the Aggregation of Thermoresponsive Polymers: The Effect of Cononsolvency. Macromolecular Rapid Communications, 2016, 37, 420-425.	3.9	34
52	Modulating the solubility of zwitterionic poly((3-methacrylamidopropyl)ammonioalkane sulfonate)s in water and aqueous salt solutions via the spacer group separating the cationic and the anionic moieties. Polymer Chemistry, 2016, 7, 731-740.	3.9	64
53	Stratified Micellar Multilayersâ€”Toward Nanostructured Photoreactors. Chemistry of Materials, 2016, 28, 2219-2228.	6.7	10
54	Influence of Hydrophobic Polystyrene Blocks on the Rehydration of Polystyrene-block-poly(methoxy diethylene glycol acrylate)-block-polystyrene Films Investigated by in Situ Neutron Reflectivity. Macromolecules, 2016, 49, 317-326.	4.8	26

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55	Electrochemical characterization of a responsive macromolecular interface on gold. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 1359-1367.	1.8	5
56	Engineering Adhesion to Thermoresponsive Substrates: Effect of Polymer Composition on Liquidâ€“Liquidâ€“Solid Wetting. ACS Applied Materials & Interfaces, 2015, 7, 2518-2528.	8.0	11
57	Arrangement of Maghemite Nanoparticles via Wet Chemical Self-Assembly in PS-b-PNIPAM Diblock Copolymer Films. ACS Applied Materials & Interfaces, 2015, 7, 13080-13091.	8.0	26
58	Rehydration of Thermoresponsive Poly(monomethoxydiethylene glycol acrylate) Films Probed in Situ by Real-Time Neutron Reflectivity. Macromolecules, 2015, 48, 3604-3612.	4.8	21
59	Polystyrene-block-poly (methoxy diethylene glycol acrylate)-block-polystyrene triblock copolymers in aqueous solutionâ€”a SANS study of the temperature-induced switching behavior. Colloid and Polymer Science, 2015, 293, 1515-1523.	2.1	9
60	Responsive Inverse Opal Hydrogels for the Sensing of Macromolecules. Angewandte Chemie - International Edition, 2015, 54, 6641-6644.	13.8	84
61	Phase Behavior of Nonionic Microemulsions with Multi-end-capped Polymers and Its Relation to the Mesoscopic Structure. Langmuir, 2015, 31, 5198-5209.	3.5	13
62	Swelling of Polyelectrolyte Multilayers: The Relation Between, Surface and Bulk Characteristics. Journal of Physical Chemistry B, 2015, 119, 11879-11886.	2.6	42
63	Flexible thermoresponsive nanomembranes at the aqueousâ€“air interface. Chemical Communications, 2015, 51, 877-880.	4.1	3
64	Structures and Synthesis of Zwitterionic Polymers. Polymers, 2014, 6, 1544-1601.	4.5	338
65	On the Interaction of Adherent Cells with Thermoresponsive Polymer Coatings. Polymers, 2014, 6, 1164-1177.	4.5	20
66	On the hydrophilicity of polyzwitterion poly (N,N-dimethyl-N-(3-(methacrylamido)propyl)ammoniopropane sulfonate) in water, deuterated water, and aqueous salt solutions. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 1602-1618.	3.5	44
67	Block Copolymer Micelles with an Intermediate Starâ€/Flowerâ€Like Structure Studied by ¹H NMR Relaxometry. Macromolecular Chemistry and Physics, 2014, 215, 915-919.	2.2	7
68	Ionic Liquids as Advantageous Reaction Media for Free Radical Polymerization. Macromolecular Symposia, 2014, 342, 78-85.	0.7	15
69	Lipid Monolayers with Adsorbed Oppositely Charged Polyelectrolytes: Influence of Reduced Charge Densities. Polymers, 2014, 6, 1999-2017.	4.5	3
70	Polyelectrolyte multilayers with perfluorinated phthalocyanine selectively entrapped inside the perfluorinated nanocompartments. Soft Matter, 2014, 10, 1481-1488.	2.7	7
71	Labelâ€Free Biosensor Based on an Allâ€Polymer DFB Laser. Advanced Optical Materials, 2014, 2, 137-141.	7.3	36
72	Dynamics of microemulsions bridged with hydrophobically end-capped star polymers studied by neutron spin-echo. Journal of Chemical Physics, 2014, 140, 034902.	3.0	17

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73	Short versus long chain polyelectrolyte multilayers: a direct comparison of self-assembly and structural properties. Physical Chemistry Chemical Physics, 2014, 16, 21988-21998.	2.8	28
74	Cononsolvency of Water/Methanol Mixtures for PNIPAM and PS-b-PNIPAM: Pathway of Aggregate Formation Investigated Using Time-Resolved SANS. Macromolecules, 2014, 47, 6867-6879.	4.8	40
75	Photoinduced Energy and Electron Transfer in Micellar Multilayer Films. Journal of Physical Chemistry C, 2014, 118, 2215-2221.	3.1	7
76	Surface modification with thermoresponsive polymer brushes for a switchable electrochemical sensor. RSC Advances, 2014, 4, 43092-43097.	3.6	9
77	Layer-by-Layer Formation of Oligoelectrolyte Multilayers: A Combined Experimental and Computational Study. Soft Materials, 2014, 12, S14-S21.	1.7	13
78	Novel thermoresponsive block copolymers having different architecturesâ€"structural, rheological, thermal, and dielectric investigations. Colloid and Polymer Science, 2014, 292, 1757-1774.	2.1	17
79	Self-aggregation of cationic dimeric surfactants in waterâ€“ionic liquid binary mixtures. Journal of Colloid and Interface Science, 2014, 430, 326-336.	9.4	13
80	Optimization of the property profile of polyâ€<scp>L</scp>â€lactide by synthesis of PLLAâ€polystyreneâ€“block copolymers. Journal of Applied Polymer Science, 2013, 127, 120-126.	2.6	6
81	Counterintuitive Photomodulation of the Thermal Phase Transition of Poly(methoxy diethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Azobenzenes. Macromolecular Chemistry and Physics, 2013, 214, 1504-1514.	2.2	7
82	Effects of PEG-Based Thermoresponsive Polymer Brushes on Fibroblast Spreading and Gene Expression. Cellular and Molecular Bioengineering, 2013, 6, 287-298.	2.1	18
83	Multicompartment micelles from silicone-based triphilic block copolymers. Colloid and Polymer Science, 2013, 291, 2561-2567.	2.1	16
84	Kinetics of aggregation in micellar solutions of thermoresponsive triblock copolymers â€“ influence of concentration, start and target temperatures. Soft Matter, 2013, 9, 1685-1699.	2.7	30
85	A water soluble fluorescent polymer as a dual colour sensor for temperature and a specific protein. Journal of Materials Chemistry B, 2013, 1, 6373.	5.8	38
86	Photoreactive oligoethylene glycol polymers â€“ versatile compounds for surface modification by thin hydrogel films. Soft Matter, 2013, 9, 929-937.	2.7	30
87	Temperatureâ€Regulated Fluorescence Characteristics of Supramolecular Assemblies Formed By a Smart Polymer and a Conjugated Polyelectrolyte. Macromolecular Chemistry and Physics, 2013, 214, 435-445.	2.2	13
88	Structure and Thermal Response of Thin Thermoresponsive Polystyrene-block-poly(methoxydiethylene glycol acrylate)-block-polystyrene Films. Macromolecules, 2013, 46, 4069-4080.	4.8	30
89	Structure-related differences in the temperature-regulated fluorescence response of LCST type polymers. Journal of Materials Chemistry C, 2013, 1, 6603.	5.5	31
90	Temperature-Regulated Fluorescence and Association of an Oligo(ethyleneglycol)methacrylate-Based Copolymer with a Conjugated Polyelectrolyteâ€"The Effect of Solution Ionic Strength. Journal of Physical Chemistry B, 2013, 117, 14576-14587.	2.6	7

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91	Effect of Ionic Strength and Layer Number on Swelling of Polyelectrolyte Multilayers in Water Vapour. Soft Materials, 2013, 11, 157-164.	1.7	36
92	Stars and Blocks: Tailoring Polymeric Rheology Modifiers for Aqueous Media by Controlled Free Radical Polymerization. ACS Symposium Series, 2013, , 125-143.	0.5	6
93	Thermo-responsive Amphiphilic Di- and Triblock Copolymers Based on Poly(N-isopropylacrylamide) and Poly(methoxy diethylene glycol acrylate): Aggregation and Hydrogel Formation in Bulk Solution and in Thin Films. , 2013, , 15-34.		16
94	One-step RAFT synthesis of well-defined amphiphilic star polymers and their self-assembly in aqueous solution. Polymer Chemistry, 2012, 3, 1606.	3.9	47
95	On the influence of the architecture of poly(ethylene glycol)-based thermoresponsive polymers on cell adhesion. Biomicrofluidics, 2012, 6, 024129.	2.4	30
96	Switching kinetics of thin thermo-responsive hydrogel films of poly(monomethoxy-diethyleneglycol-acrylate) probed with in situ neutron reflectivity. Soft Matter, 2012, 8, 5241.	2.7	33
97	Photoinduced electron transfer in multilayer films composed of conjugated polyelectrolyte and amphiphilic copolymer hosting electron acceptor molecules. Journal of Materials Chemistry, 2012, 22, 140-145.	6.7	7
98	Water-soluble random and alternating copolymers of styrene monomers with adjustable lower critical solution temperature. Polymer Chemistry, 2012, 3, 352-361.	3.9	48
99	Thermoresponsive Hydrogels from Symmetrical Triblock Copolymers Poly(styrene-block-(methoxy) Tj ETQq1 1 0.784314 rgBT /Overlo	3.5	40
100	Structure and Dynamics of Networks in Mixtures of Hydrophobically Modified Telechelic Multiarm Polymers and Oil in Water Microemulsions. Langmuir, 2012, 28, 15994-16006.	3.5	26
101	Radical addition fragmentation chain transfer (RAFT) polymerization of ferrocenyl (Meth)acrylates. Journal of Polymer Science Part A, 2012, 50, 108-118.	2.3	27
102	Influencing the phase transition temperature of poly(methoxy diethylene glycol acrylate) by molar mass, end groups, and polymer architecture. Journal of Polymer Science Part A, 2012, 50, 3313-3323.	2.3	69
103	One-Step Synthesis of Amphiphilic, Double Thermoresponsive Diblock Copolymers. Macromolecules, 2012, 45, 4158-4165.	4.8	31
104	Electrochemical Detection of the Thermally Induced Phase Transition of a Thin Stimuliâ€Responsive Polymer Film. ChemPhysChem, 2012, 13, 2020-2023.	2.1	12
105	Recent trends in the synthesis of polyelectrolytes. Current Opinion in Colloid and Interface Science, 2012, 17, 56-63.	7.4	46
106	Kinetics of Collapse Transition and Cluster Formation in a Thermoresponsive Micellar Solution of P(Sâ€bâ€NIPAMâ€bâ€S) Induced by a Temperature Jump. Macromolecular Rapid Communications, 2012, 33, 254-259.	3.9	47
107	Stability of Foam Films of Oppositely Charged Polyelectrolyte/Surfactant Mixtures: Effect of Isoelectric Point. Journal of Physical Chemistry B, 2011, 115, 14475-14483.	2.6	33
108	Temperature-Induced Self-Assembly of Triple-Responsive Triblock Copolymers in Aqueous Solutions. Langmuir, 2011, 27, 4465-4473.	3.5	75

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109	Tuning the lower critical solution temperature of thermoresponsive polymers by biospecific recognition. Polymer Chemistry, 2011, 2, 1486.	3.9	41
110	Examining the UV-vis absorption of RAFT chain transfer agents and their use for polymer analysis. Polymer Chemistry, 2011, 2, 2074.	3.9	165
111	Synthesis and self-assembly of amphiphilic semi-brush and dual brush block copolymers in solution and on surfaces. Polymer Chemistry, 2011, 2, 137-147.	3.9	31
112	Self-assembly of double thermoresponsive block copolymers end-capped with complementary trimethylsilyl groups. Soft Matter, 2011, 7, 483-492.	2.7	46
113	Straightforward Access to Amphiphilic Dual Bottle Brushes by Combining RAFT, ATRP, and NMP Polymerization in One Sequence. Macromolecules, 2011, 44, 9635-9641.	4.8	46
114	Formation of Monodisperse Charged Vesicles in Mixtures of Cationic Gemini Surfactants and Anionic SDS. Langmuir, 2011, 27, 582-591.	3.5	31
115	The collapse transition and the segmental dynamics in concentrated micellar solutions of P(S-b-NIPAM) diblock copolymers. Colloid and Polymer Science, 2011, 289, 711-720.	2.1	33
116	Collapse transition in thin films of poly(methoxydiethylenglycol acrylate). Colloid and Polymer Science, 2011, 289, 569-581.	2.1	33
117	Nanoheterogeneous Multilayer Films with Perfluorinated Domains Fabricated Using the Layer-by-Layer Method. Langmuir, 2010, 26, 11915-11920.	3.5	12
118	Thermoresponsive amphiphilic symmetrical triblock copolymers with a hydrophilic middle block made of poly(N-isopropylacrylamide): synthesis, self-organization, and hydrogel formation. Colloid and Polymer Science, 2010, 288, 499-517.	2.1	51
119	Bioinspired Block Copolymers: Translating Structural Features from Proteins to Synthetic Polymers. Macromolecular Chemistry and Physics, 2010, 211, 215-221.	2.2	26
120	Characterization of New Amphiphilic Block Copolymers of Nâ€Vinyl Pyrrolidone and Vinyl Acetate, 1 â€“ Analysis of Copolymer Composition, End Groups, Molar Masses and Molar Mass Distributions. Macromolecular Chemistry and Physics, 2010, 211, 869-878.	2.2	20
121	Characterization of New Amphiphilic Block Copolymers of Nâ€Vinylpyrrolidone and Vinyl Acetate, 2 â€•Chromatographic Separation and Analysis by MALDIâ€TOF and FTâ€IR Coupling. Macromolecular Chemistry and Physics, 2010, 211, 1678-1688.	2.2	30
122	Synthetic polymers with quaternary nitrogen atomsâ€”Synthesis and structure of the most used type of cationic polyelectrolytes. Progress in Polymer Science, 2010, 35, 511-577.	24.7	239
123	Thermoresponsive PEG-Based Polymer Layers: Surface Characterization with AFM Force Measurements. Langmuir, 2010, 26, 3462-3467.	3.5	64
124	Cross-Linkable Polyelectrolyte Multilayer Films of Tailored Charge Density. Chemistry of Materials, 2010, 22, 3323-3331.	6.7	13
125	Free-Standing Membranes via Covalent Cross-Linking of Polyelectrolyte Multilayers with Complementary Reactivity. Langmuir, 2010, 26, 18182-18188.	3.5	25
126	Foam Films from Oppositely Charged Polyelectolyte/Surfactant Mixtures: Effect of Polyelectrolyte and Surfactant Hydrophobicity on Film Stability. Langmuir, 2010, 26, 9321-9327.	3.5	36

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127	Thermoresponsive PS-b-PNIPAM-b-PS Micelles: Aggregation Behavior, Segmental Dynamics, and Thermal Response. Macromolecules, 2010, 43, 2490-2501.	4.8	95
128	Amphiphilic Dual Brush Block Copolymers as â€œGiant Surfactantsâ€•and Their Aqueous Self-Assembly. Langmuir, 2010, 26, 3145-3155.	3.5	54
129	Synthesis of Ternary, Hydrophilicâ^'Lipophilicâ^'Fluorophilic Block Copolymers by Consecutive RAFT Polymerizations and Their Self-Assembly into Multicompartment Micelles. Macromolecules, 2010, 43, 271-281.	4.8	111
130	Universal Polymer Analysis by ¹H NMR Using Complementary Trimethylsilyl End Groups. Journal of the American Chemical Society, 2010, 132, 8757-8765.	13.7	37
131	Smart bioactive surfaces. Soft Matter, 2010, 6, 705-713.	2.7	72
132	Well-defined synthetic polymers with a protein-like gelation behavior in water. Chemical Communications, 2010, 46, 4517.	4.1	47
133	Monitoring cell detachment on PEG-based thermoresponsive surfaces using TIRF microscopy. Soft Matter, 2010, 6, 4262.	2.7	43
134	Smart Polymer Surfaces: Concepts and Applications in Biosciences. Advances in Polymer Science, 2010, , 1-33.	0.8	27
135	Synthesis of Symmetrical Triblock Copolymers of Styrene and Nâ€isopropylacrylamide Using Bifunctional Bis(trithiocarbonate)s as RAFT Agents. Macromolecular Chemistry and Physics, 2009, 210, 565-578.	2.2	73
136	Complex domain architecture of multicompartment micelles from a linear ABC triblock copolymer revealed by cryogenic electron tomography. Chemical Communications, 2009, , 2290.	4.1	101
137	Tuning the Thickness of Polymer Brushes Grafted from Nonlinearly Growing Multilayer Assemblies. Langmuir, 2009, 25, 5949-5956.	3.5	35
138	No Charge Reversal at Foam Film Surfaces after Addition of Oppositely Charged Polyelectrolytes?. Journal of Physical Chemistry B, 2009, 113, 7986-7990.	2.6	38
139	Synthesis and Micellar Self-Assembly of Ternary Hydrophilicâ^'Lipophilicâ^'Fluorophilic Block Copolymers with a Linear PEO Chain. Langmuir, 2009, 25, 7594-7601.	3.5	87
140	Neutron Reflectometry Study of Swelling of Polyelectrolyte Multilayers in Water Vapors: Influence of Charge Density of the Polycation. Langmuir, 2009, 25, 11576-11585.	3.5	44
141	Design of Thermoresponsive Materials by ATRP of Oligo(ethylene glycol)-based (Macro)monomers. ACS Symposium Series, 2009, , 189-202.	0.5	26
142	Aspects of Free Radical Polymerization of Styrene and nâ€Butylmethacrylate in Imidazolium Tosylates. Macromolecular Symposia, 2009, 275â€“276, 242-249.	0.7	15
143	A gemini amphiphilic phase transfer catalyst for dark singlet oxygenation. Journal of Physical Organic Chemistry, 2008, 21, 652-658.	1.9	35
144	Influence of imidazoliumâ€based ionic liquids on the synthesis of amphiphilic copolymers based on nâ€butylmethacrylate and a zwitterionic methacrylate. Polymers for Advanced Technologies, 2008, 19, 1383-1390.	3.2	26

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145	Synthesis of Doubleâ€Hydrophilic BAB Triblock Copolymers via RAFT Polymerisation and their Thermoresponsive Selfâ€Assembly in Water. Macromolecular Chemistry and Physics, 2008, 209, 1389-1403.	2.2	58
146	Controlled Cell Adhesion on PEGâ€Based Switchable Surfaces. Angewandte Chemie - International Edition, 2008, 47, 5666-5668.	13.8	347
147	Investigation of a dual set of driving forces (hydrophobic + electrostatic) for the two-step fabrication of defined block copolymer micelles. Soft Matter, 2007, 3, 694-698.	2.7	19
148	Direct Evidence of Layer-by-Layer Assembly of Polyelectrolyte Multilayers on Soft and Porous Temperature-Sensitive PNiPAM Microgel Using Fluorescence Correlation Spectroscopyâ€. Journal of Physical Chemistry B, 2007, 111, 8527-8531.	2.6	36
149	Effects of Organic Salt Additives on the Behavior of Dimeric (â€œGeminiâ€) Surfactants in Aqueous Solution. Langmuir, 2007, 23, 10044-10052.	3.5	73
150	Design, Synthesis, and Aqueous Aggregation Behavior of Nonionic Single and Multiple Thermoresponsive Polymers. Langmuir, 2007, 23, 84-93.	3.5	179
151	Effect of a new hydrophobically modified polyampholyte on the formation of inverse microemulsions and the preparation of gold nanoparticles. Journal of Colloid and Interface Science, 2007, 308, 162-169.	9.4	35
152	Unsymmetrical bifunctional trithiocarbonate as unexpected by-product in the synthesis of a dithioester RAFT agent. Colloid and Polymer Science, 2007, 285, 947-952.	2.1	4
153	New anionic gemini surfactant based on EDTA accessible by convenient synthesis. Colloid and Polymer Science, 2007, 285, 1387-1393.	2.1	31
154	Aggregation Numbers of Cationic Oligomeric Surfactants:Â A Time-Resolved Fluorescence Quenching Study. Langmuir, 2006, 22, 2551-2557.	3.5	56
155	Free Radical Polymerization ofn-Butyl Methacrylate in Ionic Liquids. Macromolecules, 2006, 39, 923-930.	4.8	160
156	New Amphiphilic Diblock Copolymers:Â Surfactant Properties and Solubilization in Their Micelles. Langmuir, 2006, 22, 4044-4053.	3.5	82
157	Surface Immobilization and Mechanical Properties of Catanionic Hollow Faceted Polyhedrons. Journal of Physical Chemistry B, 2006, 110, 1752-1758.	2.6	38
158	Lamellar Structured Nanoparticles Formed by Complexes of a Cationic Block Copolymer and Perfluorodecanoic Acid. Macromolecules, 2006, 39, 9337-9345.	4.8	37
159	Effect of Polymer Charge and Geometrical Confinement on Ion Distribution and the Structuring in Semidilute Polyelectrolyte Solutions:â€‰ Comparison between AFM and SAXS. Macromolecules, 2006, 39, 7364-7371.	4.8	56
160	Bulk and Thin Films of Bismuth Vanadates Prepared from Hybrid Materials Made from an Organic Polymer and Inorganic Salts. Chemistry of Materials, 2006, 18, 771-777.	6.7	36
161	Ordered Polyelectrolyte â€œMultilayersâ€• 7. Hybrid Films Self-Assembled from Fluorescent and Smectogenic Poly(diallylammonium) Salts and Delaminated Clay. Chemistry of Materials, 2006, 18, 3078-3087.	6.7	7
162	Mobility of spin probes in ionic liquids. Journal of Physical Organic Chemistry, 2006, 19, 318-325.	1.9	71

#	Article	IF	Citations
163	Cationic and perfluorinated polymeric pseudostationary phases for electrokinetic chromatography. Journal of Chromatography A, 2006, 1106, 29-35.	3.7	10
164	Polymeric Betaines: Synthesis, Characterization, and Application. Advances in Polymer Science, 2006, , 157-224.	0.8	295
165	Non-ionic amphiphilic block copolymers by RAFT-polymerization and their self-organization. Colloid and Polymer Science, 2006, 284, 1243-1254.	2.1	28
166	ESR Spin Probes in Ionic Liquids. ChemPhysChem, 2006, 7, 1106-1111.	2.1	55
167	Interaction forces between cellulose microspheres and ultrathin cellulose films monitored by colloidal probe microscopyâ€"effect of wet strength agents. Journal of Colloid and Interface Science, 2005, 281, 101-111.	9.4	35
168	A regular, hydrophobically modified polyampholyte as novel pour point depressant. Journal of Applied Polymer Science, 2005, 98, 2101-2108.	2.6	22
169	Multicompartment Micelles Formed by Self-Assembly of Linear ABC Triblock Copolymers in Aqueous Medium. Angewandte Chemie - International Edition, 2005, 44, 5262-5265.	13.8	285
170	Multicompartment Micelles: Has the Long-Standing Dream Become a Reality?. Macromolecular Chemistry and Physics, 2005, 206, 813-817.	2.2	149
171	Swelling Behavior and Complex Formation Ability of Ternary Amphoteric Gels based on Allylamine Derivatives and Maleic Acid. Macromolecular Materials and Engineering, 2005, 290, 769-777.	3.6	8
172	Characterization of hydrocarbon and fluorocarbon microdomains formed in aqueous solution of associative polymers: A molecular probe technique. Journal of Fluorine Chemistry, 2005, 126, 1409-1418.	1.7	24
173	Stimuli responsive amphiphilic block copolymers for aqueous media synthesised via reversible addition fragmentation chain transfer polymerisation (RAFT). Polymer, 2005, 46, 7726-7740.	3.8	221
174	Spacer effects in dimeric cationic surfactants. Colloid and Polymer Science, 2005, 283, 469-479.	2.1	67
175	Free Radical Polymerization of Methacrylates in Ionic Liquids. ACS Symposium Series, 2005, , 17-36.	0.5	23
176	Synthesis of New Amphiphilic Diblock Copolymers and Their Self-Assembly in Aqueous Solution. Macromolecules, 2005, 38, 7580-7592.	4.8	86
177	A facile precursor route to transition metal molybdates using a polyzwitterionic matrix bearing simultaneously charged moieties and complexing groups. Journal of Materials Chemistry, 2005, 15, 1668.	6.7	20
178	New Water Soluble Agents for Reversible Additionâ^'Fragmentation Chain Transfer Polymerization and Their Application in Aqueous Solutions. Macromolecules, 2005, 38, 3601-3614.	4.8	103
179	Synthesis and Properties of Cationic Oligomeric Surfactants. Langmuir, 2005, 21, 7170-7179.	3.5	109
180	New chain transfer agents for reversible addition-fragmentation chain transfer (RAFT) polymerisation in aqueous solution. Polymer, 2004, 45, 3615-3626.	3.8	92

#	Article	IF	Citations
181	New Regular, Amphiphilic Poly(ampholyte)s: Synthesis and Characterization. Macromolecular Chemistry and Physics, 2004, 205, 1155-1166.	2.2	55
182	Preparation of simple and mixed nickel and cobalt molybdates using hybrid precursors made from an ordered polymer matrix and inorganic salts. Journal of Materials Chemistry, 2004, 14, 3421.	6.7	21
183	An Esterolytic Imprinted Polymer Prepared via a Silica-Supported Transition State Analogue. Chemistry of Materials, 2004, 16, 2745-2749.	6.7	25
184	Aggregation phenomena in polyelectrolyte multilayers made from polyelectrolytes bearing bulky functional, hydrophobic fragments. Macromolecular Symposia, 2004, 211, 135-156.	0.7	19
185	Novel nonionic surfactants based on sulfoxides. 2. Homo- and copolymers. Colloid and Polymer Science, 2003, 281, 807-814.	2.1	12
186	Polymerized micelles with compartments. Current Opinion in Colloid and Interface Science, 2003, 8, 274-281.	7.4	146
187	Ordered Polyelectrolyte Multilayers. Rules Governing Layering in Organic Binary Multilayers. Journal of the American Chemical Society, 2003, 125, 1859-1865.	13.7	45
188	Enhanced FÃ¶rster Resonance Energy Transfer in Electrostatically Self-Assembled Multilayer Films Made from New Fluorescently Labeled Polycations. Langmuir, 2003, 19, 7963-7969.	3.5	27
189	Synthesis and Properties of Water-Soluble Gold Colloids Covalently Derivatized with Neutral Polymer Monolayers. Journal of the American Chemical Society, 2002, 124, 5811-5821.	13.7	132
190	Ordered Polyelectrolyte "Multilayers". 5. Photo-Cross-Linking of Hybrid Films Containing an Unsaturated and Hydrophobized Poly(diallylammonium) Salt and Exfoliated Clay. Macromolecules, 2002, 35, 5004-5012.	4.8	35
191	Dissolution and Aggregation of a Poly(NIPA-block-sulfobetaine) Copolymer in Water and Saline Aqueous Solutions. Langmuir, 2002, 18, 5360-5365.	3.5	180
192	Switching the Inside and the Outside of Aggregates of Water-Soluble Block Copolymers with Double Thermoresponsivity. Journal of the American Chemical Society, 2002, 124, 3787-3793.	13.7	551
193	Influence of Charge Density and Distribution on the Internal Structure of Electrostatically Self-assembled Polyelectrolyte Films. Langmuir, 2002, 18, 1655-1660.	3.5	20
194	Synthesis of a Hemicyanine Dye Bearing Two Carboxylic Groups and Its Use as a Photosensitizer in Dye-Sensitized Photoelectrochemical Cells. Chemistry of Materials, 2001, 13, 3888-3892.	6.7	65
195	Adsorption and Surface Elastic Properties of Corresponding Fluorinated and Nonfluorinated Cationic Polymer Films Measured by Drop Shape Analysis. Langmuir, 2001, 17, 5256-5264.	3.5	39
196	Polysoaps in Aqueous Solutions:Â Intermolecular versus Intramolecular Hydrophobic Aggregation Studied by Fluorescence Spectroscopy. Langmuir, 2001, 17, 2579-2584.	3.5	20
197	Reactive hydrogels grafted on gold surfaces. Macromolecular Symposia, 2001, 164, 323-340.	0.7	8
198	Polymeric films from the alternating chemisorption of poly(vinylbenzylchloride) and a 4â€²-hydroxystilbazole dye. Materials Science and Engineering C, 2001, 18, 239-242.	7.3	3

#	Article	IF	Citations
199	Tailoring of Stimuli-Responsive Water Soluble Acrylamide and Methacrylamide Polymers. Macromolecular Chemistry and Physics, 2001, 202, 276-286.	2.2	72
200	Polymerizable Surfactants and Micellar Polymers Bearing Fluorocarbon Hydrophobic Chains Based on Styrene. Macromolecular Chemistry and Physics, 2001, 202, 3257-3267.	2.2	44
201	Synthesis and free radical copolymerisation of new zwitterionic monomers: amphiphilic carbobetaines based on isobutylene. European Polymer Journal, 2001, 37, 877-885.	5.4	22
202	Photophysical Behavior of a New Gemini Surfactant in Neat Solvents and in Micellar Environments. Journal of Colloid and Interface Science, 2000, 227, 476-481.	9.4	11
203	Direct Observation of the Lower Critical Solution Temperature of Surface-Attached Thermo-Responsive Hydrogels by Surface Plasmon Resonance. Angewandte Chemie - International Edition, 2000, 39, 4602-4604.	13.8	39
204	Photochemical modification of the lower critical solution temperature of cinnamoylated poly(N-2-hydroxypropylmethacrylamide) in water. Macromolecular Rapid Communications, 2000, 21, 937-940.	3.9	31
205	Layer-by-Layer Adsorption of Identically Charged Polyelectrolytes. Macromolecules, 2000, 33, 1100-1102.	4.8	34
206	Orientation of Nonlinear Optical Active Dyes in Electrostatically Self-Assembled Polymer Films Containing Cyclodextrins. Macromolecules, 2000, 33, 9471-9473.	4.8	24
207	Polyelectrolytes bearing azobenzenes for the functionalization of multilayers. Macromolecular Symposia, 1999, 137, 1-24.	0.7	25
208	Films grown from polyamines and reactive dyes by alternating polyelectrolyte adsorption/surface activation (CoMPAS). Materials Science and Engineering C, 1999, 10, 107-113.	7.3	9
209	Self-assembly of Janus Cyclodextrins at the Air-Water Interface and in Organic Solvents. Chemistry - A European Journal, 1999, 5, 546-556.	3.3	24
210	Layer-by-layer self-assembly of hydrophobically modified polyelectrolytes. Macromolecular Chemistry and Physics, 1999, 200, 609-615.	2.2	41
211	New poly(carbobetaine)s made from zwitterionic diallylammonium monomers. Macromolecular Chemistry and Physics, 1999, 200, 887-895.	2.2	40
212	Copolymerization Behavior of an Isobutenyl-Based Surfmer. Macromolecules, 1999, 32, 5967-5969.	4.8	10
213	Multilayers by adsorption of functional polyelectrolytes. Macromolecular Symposia, 1998, 126, 105-121.	0.7	9
214	Hybrid materials made from polymeric betaines and low molar mass salts. Macromolecular Symposia, 1997, 117, 195-206.	0.7	11
215	Partially Fluorinated Maleimide Copolymers for Langmuir Films of Improved Stability. 2. Spreading Behavior and Multilayer Formation. Langmuir, 1997, 13, 310-319.	3.5	22
216	Layered Nanostructures with LC-Polymers, Polyelectrolytes, and Inorganics. Macromolecules, 1997, 30, 4775-4779.	4.8	60

#	Article	IF	Citations
217	Polyelectrolyte Multilayer Assemblies Containing Nonlinear Optical Dyes. Macromolecules, 1997, 30, 8304-8309.	4.8	96
218	Photophysical Properties of an Amphiphilic Cationic Hemicyanine Dye in Solution and Adsorbed on a TiO2Mesoporous Film. Langmuir, 1997, 13, 259-263.	3.5	22
219	A New Technique for Assembling Thin, Defined Multilayers. Angewandte Chemie International Edition in English, 1997, 36, 2788-2791.	4.4	22
220	Partially fluorinated maleimide copolymers for Langmuir films of improved stability, 1. Synthesis, copolymerisation behaviour and bulk properties. Macromolecular Chemistry and Physics, 1997, 198, 401-418.	2.2	16
221	Polyelectrolyte multilayers containing photoreactive groups. Macromolecular Chemistry and Physics, 1997, 198, 3239-3253.	2.2	31
222	Molecular Recognition by Hydrogen Bonding in Polyelectrolyte Multilayers. Chemistry - A European Journal, 1997, 3, 34-38.	3.3	48
223	Homogeneous mixtures of polybetaines with low molecular weight salts. Macromolecular Symposia, 1996, 102, 273-280.	0.7	12
224	Polyelectrolyte complexes at interfaces. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1996, 100, 1033-1038.	0.9	35
225	Zwitterionic polymers with carbobetaine moieties. Polymer, 1996, 37, 2011-2019.	3.8	62
226	Relaxation and charge transport in mixtures of zwitterionic polymers and inorganic salts. Macromolecular Chemistry and Physics, 1995, 196, 877-890.	2.2	24
227	Synthesis of homopolymers and copolymers of bulky fumarates, and their spreading behaviour in insoluble monolayers. European Polymer Journal, 1994, 30, 891-899.	5.4	10
228	Hybrid materials from organic polymers and inorganic salts. Macromolecular Symposia, 1994, 88, 165-175.	0.7	12
229	Recent developments in the field of micellar polymers. Die Makromolekulare Chemie, 1993, 194, 1-27.	1.1	110
230	Zwitterionic polysoaps with reduced density of surfactant side groups. Die Makromolekulare Chemie, 1993, 194, 601-624.	1.1	58
231	The structural order of some novel ionic polymers, 2. Models of molecular packing. Die Makromolekulare Chemie, 1992, 193, 1829-1838.	1.1	17
232	The structural order of some novel ionic polymers, 1. X-ray scattering studies. Die Makromolekulare Chemie, 1992, 193, 1815-1827.	1.1	25
233	Polymerizable and polymeric zwitterionic surfactants: 1. Synthesis and bulk properties. Polymer, 1991, 32, 2070-2080.	3.8	80
234	Redox-active polymers by group-transfer polymerization: physical, electrochemical and electronic properties. Polymer, 1991, 32, 146-159.	3.8	8

#	Article	IF	Citations
235	Preformed polymers for Langmuir-Blodgett films- molecular concepts. Advanced Materials, 1991, 3, 25-31.	21.0	95
236	Amphiphilic dyes for nonlinear optics: Dependence of second harmonic generation on functional group substitution. Advanced Materials, 1991, 3, 54-58.	21.0	51
237	Polysoaps via alternating olefin/SO2 copolymers. Die Makromolekulare Chemie Rapid Communications, 1991, 12, 189-196.	1.1	26
238	Interactions of a zwitterionic polysoap and its cationic analog with inorganic salts. Die Makromolekulare Chemie Rapid Communications, 1991, 12, 427-433.	1.1	64
239	Polymerizable and polymeric zwitterionic surfactants: 2. Surface activity and aggregation behaviour in aqueous systems. Polymer, 1991, 32, 2081-2086.	3.8	57
240	Monolayers and Langmuir-Blodgett multilayers of discotic liquid crystals?. Advanced Materials, 1989, 1, 392-395.	21.0	13
241	Monolayers and Langmuirâ€“Blodgett Multilayers of Discotic Liquid Crystals?. Angewandte Chemie, 1989, 101, 1606-1609.	2.0	28
242	Monolayers and Langmuir-Blodgett Multilayers of Discotic Liquid Crystals?. Angewandte Chemie International Edition in English, 1989, 28, 1574-1577.	4.4	31
243	Second-harmonic generation in Langmuirâ€“Blodgett monolayers of stilbazium salt and phenylhydrazone dyes. Journal of the Optical Society of America B: Optical Physics, 1988, 5, 300.	2.1	148
244	Material transport and organizing phenomena of Langmuirâ€”Blodgett membranes from polymerizable built up diacetylene amphiphiles on hydrophobic supports. Journal of Membrane Science, 1986, 26, 63-77.	8.2	17
245	Title is missing!. Die Makromolekulare Chemie, 1986, 187, 1843-1853.	1.1	31