

Martien A Cohen Stuart

List of Publications by Year in descending order

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docs citations

243
times ranked

20053
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical polyion complex vesicles from PAMAM dendrimers. Journal of Colloid and Interface Science, 2022, 606, 307-316.	9.4	6
2	Complex supramolecular fiber formed by coordination-induced self-assembly of benzene-1,3,5-tricarboxamide (BTA). Journal of Colloid and Interface Science, 2022, 608, 1297-1307.	9.4	5
3	Dendrimerâ€Based Polyion Complex Vesicles: Loops Make Loose. Macromolecular Rapid Communications, 2022, 43, e2100594.	3.9	3
4	Rational Polyelectrolyte Design Enables Multifunctional Polyion Complex Vesicles. ACS Applied Materials & Interfaces, 2022, 14, 6048-6056.	8.0	6
5	Regulated preparation of celastrol-loaded nanoparticle by flash nanoprecipitation. Journal of Drug Delivery Science and Technology, 2022, 69, 103146.	3.0	0
6	Synthesis of Anionic Nanogels for Selective and Efficient Enzyme Encapsulation. Langmuir, 2022, 38, 3234-3243.	3.5	8
7	Controlled synthesis of PEGylated polyelectrolyte nanogels as efficient protein carriers. Journal of Colloid and Interface Science, 2022, 620, 322-332.	9.4	10
8	Flash nanoprecipitation enables regulated formulation of soybean protein isolate nanoparticles. Food Hydrocolloids, 2022, 131, 107798.	10.7	6
9	Switchable Electrostatically Templated Polymerization. Angewandte Chemie - International Edition, 2022, 61, .	13.8	7
10	Optimal synthesis of polyelectrolyte nanogels by electrostatic assembly directed polymerization for dye loading and release. Soft Matter, 2021, 17, 887-892.	2.7	9
11	Facile controlling internal structure of Î²-carotene-loaded protein nanoparticles by Flash Nanoprecipitation. Materials Letters, 2021, 304, 130523.	2.6	3
12	Supramolecular virus-like particles by co-assembly of triblock polypeptide and PAMAM dendrimers. Soft Matter, 2021, 17, 5044-5049.	2.7	4
13	Efficient Synthesis of Stable Polyelectrolyte Complex Nanoparticles by Electrostatic Assembly Directed Polymerization. Macromolecular Rapid Communications, 2021, 42, 2000635.	3.9	12
14	Regulated Polyelectrolyte Nanogels for Enzyme Encapsulation and Activation. Biomacromolecules, 2021, 22, 4748-4757.	5.4	9
15	Dendrimicelles with pH-controlled aggregation number of core-dendrimers and stability. Soft Matter, 2020, 16, 7893-7897.	2.7	8
16	One-Pot Synthesis of Small and Uniform Gold Nanoparticles in Water by Flash Nanoprecipitation. Industrial & Engineering Chemistry Research, 2020, 59, 11080-11086.	3.7	7
17	Rh nanoclusters encaged in hollow mesoporous silica nanoreactors with enhanced catalytic performance for phenol selective hydrogenation. Chemical Engineering Journal, 2020, 397, 125484.	12.7	46
18	Response of metal-coordination-based polyelectrolyte complex micelles to added ligands and metals. Soft Matter, 2020, 16, 2953-2960.	2.7	7

#	ARTICLE	IF	CITATIONS
19	Controlled Synthesis of Manganese Oxide Nanoparticles Encaged in Hollow Mesoporous Silica Nanoreactors and Their Enhanced Dye Degradation Activity. ACS Omega, 2020, 5, 6852-6861.	3.5	8
20	Effects of pH on the Formation of PIC Micelles from PAMAM Dendrimers. Langmuir, 2020, 36, 8367-8374.	3.5	9
21	Europium based coordination polyelectrolytes enable core-shell-corona micelles as luminescent probes. Soft Matter, 2020, 16, 5727-5733.	2.7	4
22	Corn cob cellulose nanosphere as an eco-friendly detergent. Nature Sustainability, 2020, 3, 448-458.	23.7	56
23	Facile Preparation of Tilmicosin-Loaded Polymeric Nanoparticle with Controlled Properties and Functions. ACS Omega, 2020, 5, 32366-32372.	3.5	5
24	Efficient and Generic Preparation of Diverse Polyelectrolyte Nanogels by Electrostatic Assembly Directed Polymerization. CCS Chemistry, 2020, 2, 1016-1025.	7.8	19
25	Supramolecular crosslinks enable PIC micelles with tuneable salt stability and diverse properties. Soft Matter, 2019, 15, 8210-8218.	2.7	9
26	Processable and Luminescent Supramolecular Hydrogels from Complex Coacervation of Polycations with Lanthanide Coordination Polyanions. Macromolecules, 2019, 52, 8643-8650.	4.8	54
27	Spherical Poly(vinyl imidazole) Brushes Loading Nickel Cations as Nanocatalysts for Aquathermolysis of Heavy Crude Oil. Energy & Fuels, 2019, 33, 998-1006.	5.1	15
28	Template-Free Self-Assembly of Artificial De Novo Viral Coat Proteins into Nanorods: Effects of Sequence, Concentration, and Temperature. Chemistry - A European Journal, 2019, 25, 11058-11065.	3.3	8
29	Functional Polyion Complex Vesicles Enabled by Supramolecular Reversible Coordination Polyelectrolytes. Angewandte Chemie - International Edition, 2019, 58, 8494-8498.	13.8	30
30	Production of protein-based polymers in Pichia pastoris. Biotechnology Advances, 2019, 37, 642-666.	11.7	77
31	One-Pot Syntheses of Porous Hollow Silica Nanoreactors Encapsulating Rare Earth Oxide Nanoparticles for Methylene Blue Degradation. Industrial & Engineering Chemistry Research, 2019, 58, 3726-3734.	3.7	15
32	Hierarchical Assemblies of Dendrimers Embedded in Networks of Lanthanide-Based Supramolecular Polyelectrolytes. Macromolecules, 2019, 52, 1874-1881.	4.8	17
33	Electrostatic stiffening and induced persistence length for coassembled molecular bottlebrushes. Physical Review E, 2018, 97, 032501.	2.1	2
34	Force and Scale Dependence of the Elasticity of Self-Assembled DNA Bottle Brushes. Macromolecules, 2018, 51, 204-212.	4.8	12
35	Pressure Effect on the Rheological Behavior of Waxy Crude Oil with Comb-Type Copolymers Bearing Azobenzene Pendant. Industrial & Engineering Chemistry Research, 2018, 57, 4887-4894.	3.7	16
36	A Generic Method for Preparing Hollow Mesoporous Silica Catalytic Nanoreactors with Metal Oxide Nanoparticles inside Their Cavities. Angewandte Chemie - International Edition, 2018, 57, 16458-16463.	13.8	45

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37	A Supramolecular Crosslinker To Give Salt-Resistant Polyion Complex Micelles and Improved MRI Contrast Agents. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12680-12684.	13.8	42
38	Morphology Tuning of Aggregation-Induced Emission Probes by Flash Nanoprecipitation: Shape and Size Effects on in Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25186-25193.	8.0	50
39	Effect of Aromatic and Aliphatic Pendants in Poly(maleic acid amide-co-vinyl acetate) on Asphaltene Precipitation in Heavy Oil. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 10701-10708.	3.7	20
40	Controlling Morphology and Release Behavior of Sorafenib-Loaded Nanocarriers Prepared by Flash Nanoprecipitation. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 11911-11919.	3.7	15
41	Illuminating the Reaction Pathways of Viromimetic Assembly. <i>Journal of the American Chemical Society</i> , 2017, 139, 4962-4968.	13.7	22
42	Precise Coating of a Wide Range of DNA Templates by a Protein Polymer with a DNA Binding Domain. <i>ACS Nano</i> , 2017, 11, 144-152.	14.6	48
43	Effect of Spacer Length between Phenyl Pendant and Backbone in Comb Copolymers on Flow Ability of Waxy Oil with Asphaltenes. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 12447-12455.	3.7	30
44	Supramolecular Virus-Like Nanorods by Coassembly of a Triblock Polypeptide and Reversible Coordination Polymers. <i>Chemistry - A European Journal</i> , 2017, 23, 239-243.	3.3	13
45	Navigating in foldonia: Using accelerated molecular dynamics to explore stability, unfolding and self-healing of the β^2 -solenoid structure formed by a silk-like polypeptide. <i>PLoS Computational Biology</i> , 2017, 13, e1005446.	3.2	16
46	Reaction Pathways in Catechol/Primary Amine Mixtures: A Window on Crosslinking Chemistry. <i>PLoS ONE</i> , 2016, 11, e0166490.	2.5	73
47	Reversible polypeptide hydrogels from asymmetric telechelics with temperature-dependent and Ni^{2+} -dependent connectors. <i>Soft Matter</i> , 2016, 12, 4979-4984.	2.7	4
48	Probing Nanoscale Coassembly with Dual Mechanochromic Sensors. <i>Advanced Functional Materials</i> , 2016, 26, 1420-1427.	14.9	17
49	Unidirectional Living Growth of Self-Assembled Protein Nanofibrils Revealed by Super-resolution Microscopy. <i>ACS Nano</i> , 2016, 10, 4973-4980.	14.6	44
50	Loss of bottlebrush stiffness due to free polymers. <i>Soft Matter</i> , 2016, 12, 8004-8014.	2.7	9
51	Nanofibrillar hydrogel scaffolds from recombinant protein-based polymers with integrin- and proteoglycan-binding domains. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 3082-3092.	4.0	15
52	Design of block-copolymer-based micelles for active and passive targeting. <i>Physical Review E</i> , 2016, 94, 042503.	2.1	4
53	Nanoparticle-Templated Formation and Growth Mechanism of Curved Protein Polymer Fibrils. <i>Biomacromolecules</i> , 2016, 17, 2392-2398.	5.4	2
54	Heparin as a Bundler in a Self-Assembled Fibrous Network of Functionalized Protein-Based Polymers. <i>Biomacromolecules</i> , 2016, 17, 2063-2072.	5.4	14

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55	Dock æn roll: folding of a silk-inspired polypeptide into an amyloid-like beta solenoid. <i>Soft Matter</i> , 2016, 12, 3721-3729.	2.7	19
56	A clear coat from a water soluble precursor: a bioinspired paint concept. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6868-6877.	10.3	14
57	Trigger sequence can influence final morphology in the self-assembly of asymmetric telechelic polymers. <i>Soft Matter</i> , 2016, 12, 2095-2107.	2.7	3
58	Physical and mechanical properties of thermosensitive xanthan/collagen-inspired protein composite hydrogels. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 125-133.	3.4	2
59	Fibrous Hydrogels for Cell Encapsulation: A Modular and Supramolecular Approach. <i>PLoS ONE</i> , 2016, 11, e0155625.	2.5	19
60	Liquid Crystals of Self-Assembled DNA Bottlebrushes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4084-4092.	2.6	21
61	The effect of molecular composition and crosslinking on adhesion of a bio-inspired adhesive. <i>Polymer Chemistry</i> , 2015, 6, 3121-3130.	3.9	58
62	Monitoring Protein Capsid Assembly with a Conjugated Polymer Strain Sensor. <i>Journal of the American Chemical Society</i> , 2015, 137, 9800-9803.	13.7	35
63	Manipulating and quantifying temperature-triggered coalescence with microcentrifugation. <i>Lab on A Chip</i> , 2015, 15, 188-194.	6.0	21
64	Competition between surface adsorption and folding of fibril-forming polypeptides. <i>Physical Review E</i> , 2015, 91, 022711.	2.1	7
65	Equivalent Pathways in Melting and Gelation of Well-Defined Biopolymer Networks. <i>Biomacromolecules</i> , 2015, 16, 304-310.	5.4	9
66	Self-Assembly of Ultralong Polyion Nanoladders Facilitated by Ionic Recognition and Molecular Stiffness. <i>Journal of the American Chemical Society</i> , 2014, 136, 1942-1947.	13.7	70
67	Complex coacervate core micelles as diffusional nanoprobes. <i>Soft Matter</i> , 2014, 10, 320-331.	2.7	20
68	Dilute Self-Healing Hydrogels of Silk-Collagen-Like Block Copolypeptides at Neutral pH. <i>Biomacromolecules</i> , 2014, 15, 699-706.	5.4	54
69	Crystallizing hard-sphere glasses by doping with active particles. <i>Soft Matter</i> , 2014, 10, 6609-6613.	2.7	63
70	Jack of all trades: versatile catechol crosslinking mechanisms. <i>Chemical Society Reviews</i> , 2014, 43, 8271-8298.	38.1	532
71	From Micelles to Fibers: Balancing Self-Assembling and Random Coiling Domains in pH-Responsive Silk-Collagen-Like Protein-Based Polymers. <i>Biomacromolecules</i> , 2014, 15, 3349-3357.	5.4	34
72	Subtle Charge Balance Controls Surface-Nucleated Self-Assembly of Designed Biopolymers. <i>ACS Nano</i> , 2014, 8, 2328-2335.	14.6	23

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73	Genetically engineered silkâ€“collagen-like copolymer for biomedical applications: Production, characterization and evaluation of cellular response. <i>Acta Biomaterialia</i> , 2014, 10, 3620-3629.	8.3	31
74	Controlled block copolymer micelle formation for encapsulation of hydrophobic ingredients. <i>European Physical Journal E</i> , 2013, 36, 107.	1.6	16
75	Interplay between Folding and Assembly of Fibril-Forming Polypeptides. <i>Physical Review Letters</i> , 2013, 111, 058101.	7.8	30
76	Pathway-dependent properties of a multi-stimuli sensitive biosynthetic hybrid network. <i>Soft Matter</i> , 2013, 9, 8737.	2.7	4
77	Disulfide bond-stabilized physical gels of an asymmetric collagen-inspired telechelic protein polymer. <i>Soft Matter</i> , 2013, 9, 6391.	2.7	8
78	Controlled mixing of lanthanide(iii) ions in coacervate core micelles. <i>Chemical Communications</i> , 2013, 49, 3736.	4.1	57
79	Interfacial Tension and Wettability in Waterâ€“Carbon Dioxide Systems: Experiments and Self-consistent Field Modeling. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8524-8535.	2.6	15
80	Two modes of phase inversion in a drying emulsion. <i>Soft Matter</i> , 2013, 9, 2810.	2.7	24
81	A liquid CO2-compatible hydrocarbon surfactant: experiment and modelling. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19879.	2.8	2
82	Covalently Attached Organic Monolayers onto Silicon Carbide from 1-Alkynes: Molecular Structure and Tribological Properties. <i>Langmuir</i> , 2013, 29, 4019-4031.	3.5	32
83	Structure and Dynamics of Polyelectrolyte Complex Coacervates Studied by Scattering of Neutrons, X-rays, and Light. <i>Macromolecules</i> , 2013, 46, 4596-4605.	4.8	96
84	Pearl-necklace complexes of flexible polyanions with neutralâ€“cationic diblock copolymers. <i>Soft Matter</i> , 2013, 9, 6406.	2.7	9
85	Linear Viscoelasticity of Polyelectrolyte Complex Coacervates. <i>Macromolecules</i> , 2013, 46, 1633-1641.	4.8	170
86	(Quasi-) 2D Aggregation of Polystyrene-b-Dextran at the Airâ€“Water Interface. <i>Langmuir</i> , 2013, 29, 2667-2675.	3.5	5
87	Pushing the glass transition towards random close packing using self-propelled hard spheres. <i>Nature Communications</i> , 2013, 4, 2704.	12.8	148
88	Fibril Formation by pH and Temperature Responsive Silk-Elastin Block Copolymers. <i>Biomacromolecules</i> , 2013, 14, 48-55.	5.4	23
89	Self-consistent field predictions for quenched spherical biocompatible triblock copolymer micelles. <i>Soft Matter</i> , 2013, 9, 7515.	2.7	12
90	Relaxation Phenomena During Polyelectrolyte Complex Formation. <i>Advances in Polymer Science</i> , 2012, , 139-172.	0.8	16

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91	Ternary Fluid Mixture Confined between Surfaces: Surface-induced Phase Transition and Long-range Oscillatory Forces. <i>Chemistry Letters</i> , 2012, 41, 1113-1115.	1.3	0
92	Ultralow Adhesion and Friction of Fluoro-Hydro Alkyne-Derived Self-Assembled Monolayers on H-Terminated Si(111). <i>Langmuir</i> , 2012, 28, 17690-17700.	3.5	60
93	The influence of charge ratio on transient networks of polyelectrolyte complex micelles. <i>Soft Matter</i> , 2012, 8, 104-117.	2.7	34
94	Phase Diagram of Coacervate Complexes Containing Reversible Coordination Structures. <i>Macromolecules</i> , 2012, 45, 8903-8909.	4.8	30
95	Direct Measurement of the Strength of Single Ionic Bonds between Hydrated Charges. <i>ACS Nano</i> , 2012, 6, 5297-5303.	14.6	41
96	A Case of Adaptive Self-Assembly. <i>ACS Nano</i> , 2012, 6, 1004-1010.	14.6	15
97	Stable Polymer Micelles Formed by Metal Coordination. <i>Macromolecules</i> , 2012, 45, 7179-7185.	4.8	33
98	Effect of Surface Roughness and Softness on Water Capillary Adhesion in Apolar Media. <i>Journal of Physical Chemistry A</i> , 2012, 116, 6481-6488.	2.5	19
99	Self-Assembly of Silk-Collagen-like Triblock Copolymers Resembles a Supramolecular Living Polymerization. <i>ACS Nano</i> , 2012, 6, 133-140.	14.6	34
100	Adenosine 5â€²-triphosphate (ATP) supplements are not orally bioavailable: a randomized, placebo-controlled cross-over trial in healthy humans. <i>Journal of the International Society of Sports Nutrition</i> , 2012, 9, 16.	3.9	27
101	Extracellular-matrix tethering regulates stem-cell fate. <i>Nature Materials</i> , 2012, 11, 642-649.	27.5	1,346
102	Physical Gels Based on Charge-Driven Bridging of Nanoparticles by Triblock Copolymers. <i>Langmuir</i> , 2012, 28, 12311-12318.	3.5	21
103	Towards detergency in liquid CO ₂ â€“ A surfactant formulation for particle release in an apolar medium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 415, 1-9.	4.7	7
104	On the Stability and Morphology of Complex Coacervate Core Micelles: From Spherical to Wormlike Micelles. <i>Langmuir</i> , 2012, 28, 14180-14191.	3.5	113
105	Colloidal interactions in liquid CO ₂ â€“ A dry-cleaning perspective. <i>Advances in Colloid and Interface Science</i> , 2012, 175, 11-24.	14.7	24
106	Antimicrobial lysozyme-containing starch microgel to target and inhibit amylase-producing microorganisms. <i>Food Hydrocolloids</i> , 2012, 28, 28-35.	10.7	36
107	Uptake and release kinetics of lysozyme in and from an oxidized starch polymer microgel. <i>Soft Matter</i> , 2011, 7, 10377.	2.7	37
108	Mobility of fluorescently labeled polymer micelles in living cells. <i>Soft Matter</i> , 2011, 7, 1214-1218.	2.7	5

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109	Fluorescence enhancement by microphase separation-induced chain extension of Eu ³⁺ coordination polymers: phenomenon and analysis. <i>Soft Matter</i> , 2011, 7, 2720.	2.7	23
110	Thermally sensitive dual fluorescent polymeric micelles for probing cell properties. <i>Soft Matter</i> , 2011, 7, 11211.	2.7	16
111	Mobility of lysozyme inside oxidized starch polymer microgels. <i>Soft Matter</i> , 2011, 7, 1926.	2.7	35
112	Shape-Memory Effects in Biopolymer Networks with Collagen-Like Transient Nodes. <i>Biomacromolecules</i> , 2011, 12, 2285-2292.	5.4	51
113	Transient network topology of interconnected polyelectrolyte complex micelles. <i>Soft Matter</i> , 2011, 7, 1378.	2.7	52
114	Reversible assembly of oppositely charged hairy colloids in water. <i>Soft Matter</i> , 2011, 7, 8281.	2.7	46
115	Effect of pH on Complex Coacervate Core Micelles from Fe(III)-Based Coordination Polymer. <i>Langmuir</i> , 2011, 27, 14776-14782.	3.5	22
116	Promoted formation of coordination polyelectrolytes by layer-by-layer assembly. <i>Soft Matter</i> , 2011, 7, 3565.	2.7	23
117	Polyelectrolyte complexes: Bulk phases and colloidal systems. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 407-422.	9.4	504
118	Effects of Polyelectrolyte Complex Micelles and Their Components on the Enzymatic Activity of Lipase. <i>Langmuir</i> , 2010, 26, 9802-9808.	3.5	55
119	Interfacial tension between a complex coacervate phase and its coexisting aqueous phase. <i>Soft Matter</i> , 2010, 6, 172-178.	2.7	160
120	Grafted block complex coacervate core micelles and their effect on protein adsorption on silica and polystyrene. <i>Colloid and Polymer Science</i> , 2010, 288, 1081-1095.	2.1	11
121	Grafted ionomer complexes and their effect on protein adsorption on silica and polysulfone surfaces. <i>Colloid and Polymer Science</i> , 2010, 288, 1621-1632.	2.1	9
122	Nanowires Formed by the Co-Assembly of a Negatively Charged Low-Molecular Weight Gelator and a Zwitterionic Polythiophene. <i>ChemPhysChem</i> , 2010, 11, 1956-1960.	2.1	4
123	Multiresponsive Reversible Gels Based on Charge-Driven Assembly. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 708-711.	13.8	138
124	Triggered Templated Assembly of Protein Polymersomes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9947-9950.	13.8	15
125	Thin polymer films as sacrificial layers for easier cleaning. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 358, 6-12.	4.7	29
126	Emerging applications of stimuli-responsive polymer materials. <i>Nature Materials</i> , 2010, 9, 101-113.	27.5	5,007

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127	From Coordination Polymers to Hierarchical Self-Assembled Structures. <i>Advances in Polymer Science</i> , 2010, , 91-115.	0.8	11
128	Relaxation Dynamics at Different Time Scales in Electrostatic Complexes: Time-Salt Superposition. <i>Physical Review Letters</i> , 2010, 105, 208301.	7.8	171
129	Complex Coacervate Core Micelles from Iron-Based Coordination Polymers. <i>Journal of Physical Chemistry B</i> , 2010, 114, 8313-8319.	2.6	52
130	Overall Charge and Local Charge Density of Pectin Determines the Enthalpic and Entropic Contributions to Complexation with β^2 -Lactoglobulin. <i>Biomacromolecules</i> , 2010, 11, 3578-3583.	5.4	47
131	Fracture and Self-Healing in a Well-Defined Self-Assembled Polymer Network. <i>Macromolecules</i> , 2010, 43, 3542-3548.	4.8	121
132	Dynamic Force Spectroscopy of Oppositely Charged Polyelectrolyte Brushes. <i>Macromolecules</i> , 2010, 43, 1543-1550.	4.8	41
133	Binodal Compositions of Polyelectrolyte Complexes. <i>Macromolecules</i> , 2010, 43, 6476-6484.	4.8	334
134	Field Theoretical Analysis of Driving Forces for the Uptake of Proteins by Like-Charged Polyelectrolyte Brushes: Effects of Charge Regulation and Patchiness. <i>Langmuir</i> , 2010, 26, 249-259.	3.5	86
135	Co-assembly Towards Janus Micelles. <i>Advances in Polymer Science</i> , 2010, , 163-185.	0.8	4
136	Kinetics of network formation by telechelic polypeptides with trimeric nodes. <i>Soft Matter</i> , 2010, 6, 416-422.	2.7	14
137	Charge-driven and reversible assembly of ultra-dense polymer brushes: formation and antifouling properties of a zipper brush. <i>Soft Matter</i> , 2010, 6, 2499.	2.7	23
138	Redox responsive molecular assemblies based on metallic coordination polymers. <i>Soft Matter</i> , 2010, 6, 3244.	2.7	25
139	Self-consistent-field calculations of proteinlike incorporations in polyelectrolyte complex micelles. <i>Physical Review E</i> , 2009, 80, 051406.	2.1	3
140	Intermittent dynamics in transient polymer networks under shear: Signs of self-organized criticality. <i>Physical Review E</i> , 2009, 79, 056306.	2.1	15
141	Influence of the overall charge and local charge density of pectin on the complex formation between pectin and β^2 -lactoglobulin. <i>Food Hydrocolloids</i> , 2009, 23, 765-772.	10.7	99
142	Deformation and fracture of emulsion-filled gels: Effect of oil content and deformation speed. <i>Food Hydrocolloids</i> , 2009, 23, 1381-1393.	10.7	106
143	Ultradense Polymer Brushes by Adsorption. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5369-5371.	13.8	25
144	Complex coacervate core micelles. <i>Advances in Colloid and Interface Science</i> , 2009, 147-148, 300-318.	14.7	348

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145	Electrostatic hierarchical co-assembly in aqueous solutions of two oppositely charged double hydrophilic diblock copolymers. <i>European Polymer Journal</i> , 2009, 45, 2913-2925.	5.4	26
146	Environment-sensitive stabilisation of silver nanoparticles in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2009, 339, 317-324.	9.4	11
147	Reversibility and Relaxation Behavior of Polyelectrolyte Complex Micelle Formation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5431-5439.	2.6	63
148	The Production of PEO Polymer Brushes via Langmuir-Blodgett and Langmuir-Schaeffer Methods: Incomplete Transfer and Its Consequences. <i>Langmuir</i> , 2009, 25, 4490-4497.	3.5	20
149	Binding of β^2 -Lactoglobulin to Pectins Varying in their Overall and Local Charge Density. <i>Biomacromolecules</i> , 2009, 10, 3246-3252.	5.4	36
150	Salt-Induced Disintegration of Lysozyme-Containing Polyelectrolyte Complex Micelles. <i>Langmuir</i> , 2009, 25, 11425-11430.	3.5	68
151	Polypeptide Nanoribbon Hydrogels Assembled through Multiple Supramolecular Interactions. <i>Langmuir</i> , 2009, 25, 12899-12908.	3.5	18
152	Adsorption of Anionic Surfactants in a Nonionic Polymer Brush: Experiments, Comparison with Mean-Field Theory, and Implications for Brush-Particle Interaction. <i>Langmuir</i> , 2009, 25, 9252-9261.	3.5	40
153	Triblock Protein Copolymers Forming Supramolecular Nanotapes and pH-Responsive Gels. <i>Macromolecules</i> , 2009, 42, 1002-1009.	4.8	59
154	Preparation and Characterization of Oxidized Starch Polymer Microgels for Encapsulation and Controlled Release of Functional Ingredients. <i>Biomacromolecules</i> , 2009, 10, 1931-1938.	5.4	81
155	Formation of nanotapes by co-assembly of triblock peptide copolymers and polythiophenes in aqueous solution. <i>Soft Matter</i> , 2009, 5, 1668.	2.7	13
156	Interaction of Particles with a Polydisperse Brush: A Self-Consistent-Field Analysis. <i>Macromolecules</i> , 2009, 42, 5881-5891.	4.8	37
157	Salt-induced release of lipase from polyelectrolyte complex micelles. <i>Soft Matter</i> , 2009, 5, 242-250.	2.7	84
158	Physical gels of telechelic triblock copolymers with precisely defined junction multiplicity. <i>Soft Matter</i> , 2009, 5, 2057.	2.7	58
159	Capacity-controllable nanocarriers for metal ions. <i>Soft Matter</i> , 2009, 5, 790-796.	2.7	16
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