

Martien A Cohen Stuart

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11960248/publications.pdf>

Version: 2024-02-01

237
papers

18,151
citations

26610

56
h-index

14197

128
g-index

243
all docs

243
docs citations

243
times ranked

20053
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical polyion complex vesicles from PAMAM dendrimers. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 307-316.	5.0	6
2	Complex supramolecular fiber formed by coordination-induced self-assembly of benzene-1,3,5-tricarboxamide (BTA). <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1297-1307.	5.0	5
3	Dendrimer-Based Polyion Complex Vesicles: Loops Make Loose. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100594.	2.0	3
4	Rational Polyelectrolyte Design Enables Multifunctional Polyion Complex Vesicles. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 6048-6056.	4.0	6
5	Regulated preparation of celastrol-loaded nanoparticle by flash nanoprecipitation. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 69, 103146.	1.4	0
6	Synthesis of Anionic Nanogels for Selective and Efficient Enzyme Encapsulation. <i>Langmuir</i> , 2022, 38, 3234-3243.	1.6	8
7	Controlled synthesis of PEGylated polyelectrolyte nanogels as efficient protein carriers. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 322-332.	5.0	10
8	Flash nanoprecipitation enables regulated formulation of soybean protein isolate nanoparticles. <i>Food Hydrocolloids</i> , 2022, 131, 107798.	5.6	6
9	Switchable Electrostatically Templated Polymerization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	7
10	Optimal synthesis of polyelectrolyte nanogels by electrostatic assembly directed polymerization for dye loading and release. <i>Soft Matter</i> , 2021, 17, 887-892.	1.2	9
11	Facile controlling internal structure of β -carotene-loaded protein nanoparticles by Flash Nanoprecipitation. <i>Materials Letters</i> , 2021, 304, 130523.	1.3	3
12	Supramolecular virus-like particles by co-assembly of triblock polypeptide and PAMAM dendrimers. <i>Soft Matter</i> , 2021, 17, 5044-5049.	1.2	4
13	Efficient Synthesis of Stable Polyelectrolyte Complex Nanoparticles by Electrostatic Assembly Directed Polymerization. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000635.	2.0	12
14	Regulated Polyelectrolyte Nanogels for Enzyme Encapsulation and Activation. <i>Biomacromolecules</i> , 2021, 22, 4748-4757.	2.6	9
15	Dendrimicelles with pH-controlled aggregation number of core-dendrimers and stability. <i>Soft Matter</i> , 2020, 16, 7893-7897.	1.2	8
16	One-Pot Synthesis of Small and Uniform Gold Nanoparticles in Water by Flash Nanoprecipitation. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 11080-11086.	1.8	7
17	Rh nanoclusters engaged in hollow mesoporous silica nanoreactors with enhanced catalytic performance for phenol selective hydrogenation. <i>Chemical Engineering Journal</i> , 2020, 397, 125484.	6.6	46
18	Response of metal-coordination-based polyelectrolyte complex micelles to added ligands and metals. <i>Soft Matter</i> , 2020, 16, 2953-2960.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Controlled Synthesis of Manganese Oxide Nanoparticles Encaged in Hollow Mesoporous Silica Nanoreactors and Their Enhanced Dye Degradation Activity. <i>ACS Omega</i> , 2020, 5, 6852-6861.	1.6	8
20	Effects of pH on the Formation of PIC Micelles from PAMAM Dendrimers. <i>Langmuir</i> , 2020, 36, 8367-8374.	1.6	9
21	Europium based coordination polyelectrolytes enable core-shell corona micelles as luminescent probes. <i>Soft Matter</i> , 2020, 16, 5727-5733.	1.2	4
22	Corn cob cellulose nanosphere as an eco-friendly detergent. <i>Nature Sustainability</i> , 2020, 3, 448-458.	11.5	56
23	Facile Preparation of Tilmicosin-Loaded Polymeric Nanoparticle with Controlled Properties and Functions. <i>ACS Omega</i> , 2020, 5, 32366-32372.	1.6	5
24	Efficient and Generic Preparation of Diverse Polyelectrolyte Nanogels by Electrostatic Assembly Directed Polymerization. <i>CCS Chemistry</i> , 2020, 2, 1016-1025.	4.6	19
25	Supramolecular crosslinks enable PIC micelles with tuneable salt stability and diverse properties. <i>Soft Matter</i> , 2019, 15, 8210-8218.	1.2	9
26	Processable and Luminescent Supramolecular Hydrogels from Complex Coacervation of Polycations with Lanthanide Coordination Polyanions. <i>Macromolecules</i> , 2019, 52, 8643-8650.	2.2	54
27	Spherical Poly(vinyl imidazole) Brushes Loading Nickel Cations as Nanocatalysts for Aquathermolysis of Heavy Crude Oil. <i>Energy & Fuels</i> , 2019, 33, 998-1006.	2.5	15
28	Template-Free Self-Assembly of Artificial De Novo Viral Coat Proteins into Nanorods: Effects of Sequence, Concentration, and Temperature. <i>Chemistry - A European Journal</i> , 2019, 25, 11058-11065.	1.7	8
29	Functional Polyion Complex Vesicles Enabled by Supramolecular Reversible Coordination Polyelectrolytes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8494-8498.	7.2	30
30	Production of protein-based polymers in <i>Pichia pastoris</i> . <i>Biotechnology Advances</i> , 2019, 37, 642-666.	6.0	77
31	One-Pot Syntheses of Porous Hollow Silica Nanoreactors Encapsulating Rare Earth Oxide Nanoparticles for Methylene Blue Degradation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 3726-3734.	1.8	15
32	Hierarchical Assemblies of Dendrimers Embedded in Networks of Lanthanide-Based Supramolecular Polyelectrolytes. <i>Macromolecules</i> , 2019, 52, 1874-1881.	2.2	17
33	Electrostatic stiffening and induced persistence length for coassembled molecular bottlebrushes. <i>Physical Review E</i> , 2018, 97, 032501.	0.8	2
34	Force and Scale Dependence of the Elasticity of Self-Assembled DNA Bottle Brushes. <i>Macromolecules</i> , 2018, 51, 204-212.	2.2	12
35	Pressure Effect on the Rheological Behavior of Waxy Crude Oil with Comb-Type Copolymers Bearing Azobenzene Pendant. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4887-4894.	1.8	16
36	A Generic Method for Preparing Hollow Mesoporous Silica Catalytic Nanoreactors with Metal Oxide Nanoparticles inside Their Cavities. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16458-16463.	7.2	45

#	ARTICLE	IF	CITATIONS
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.	7.2	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.	4.0	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.	1.8	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.	1.8	15
41	Illuminating the Reaction Pathways of Viromimetic Assembly. <i>Journal of the American Chemical Society</i> , 2017, 139, 4962-4968.	6.6	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.	7.3	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.	1.8	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.	1.7	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.	1.5	16
46	Reaction Pathways in Catechol/Primary Amine Mixtures: A Window on Crosslinking Chemistry. <i>PLoS ONE</i> , 2016, 11, e0166490.	1.1	73
47	Reversible polypeptide hydrogels from asymmetric telechelics with temperature-dependent and Ni ²⁺ -dependent connectors. <i>Soft Matter</i> , 2016, 12, 4979-4984.	1.2	4
48	Probing Nanoscale Coassembly with Dual Mechanochromic Sensors. <i>Advanced Functional Materials</i> , 2016, 26, 1420-1427.	7.8	17
49	Unidirectional Living Growth of Self-Assembled Protein Nanofibrils Revealed by Super-resolution Microscopy. <i>ACS Nano</i> , 2016, 10, 4973-4980.	7.3	44
50	Loss of bottlebrush stiffness due to free polymers. <i>Soft Matter</i> , 2016, 12, 8004-8014.	1.2	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.	2.1	15
52	Design of block-copolymer-based micelles for active and passive targeting. <i>Physical Review E</i> , 2016, 94, 042503.	0.8	4
53	Nanoparticle-Templated Formation and Growth Mechanism of Curved Protein Polymer Fibrils. <i>Biomacromolecules</i> , 2016, 17, 2392-2398.	2.6	2
54	Heparin as a Bundler in a Self-Assembled Fibrous Network of Functionalized Protein-Based Polymers. <i>Biomacromolecules</i> , 2016, 17, 2063-2072.	2.6	14

#	ARTICLE	IF	CITATIONS
55	Dock and roll: folding of a silk-inspired polypeptide into an amyloid-like beta solenoid. <i>Soft Matter</i> , 2016, 12, 3721-3729.	1.2	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.	5.2	14
57	Trigger sequence can influence final morphology in the self-assembly of asymmetric telechelic polymers. <i>Soft Matter</i> , 2016, 12, 2095-2107.	1.2	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.	1.8	2
59	Fibrous Hydrogels for Cell Encapsulation: A Modular and Supramolecular Approach. <i>PLoS ONE</i> , 2016, 11, e0155625.	1.1	19
60	Liquid Crystals of Self-Assembled DNA Bottlebrushes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4084-4092.	1.2	21
61	The effect of molecular composition and crosslinking on adhesion of a bio-inspired adhesive. <i>Polymer Chemistry</i> , 2015, 6, 3121-3130.	1.9	58
62	Monitoring Protein Capsid Assembly with a Conjugated Polymer Strain Sensor. <i>Journal of the American Chemical Society</i> , 2015, 137, 9800-9803.	6.6	35
63	Manipulating and quantifying temperature-triggered coalescence with microcentrifugation. <i>Lab on A Chip</i> , 2015, 15, 188-194.	3.1	21
64	Competition between surface adsorption and folding of fibril-forming polypeptides. <i>Physical Review E</i> , 2015, 91, 022711.	0.8	7
65	Equivalent Pathways in Melting and Gelation of Well-Defined Biopolymer Networks. <i>Biomacromolecules</i> , 2015, 16, 304-310.	2.6	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.	6.6	70
67	Complex coacervate core micelles as diffusional nanoprobes. <i>Soft Matter</i> , 2014, 10, 320-331.	1.2	20
68	Dilute Self-Healing Hydrogels of Silk-Collagen-Like Block Copolypeptides at Neutral pH. <i>Biomacromolecules</i> , 2014, 15, 699-706.	2.6	54
69	Crystallizing hard-sphere glasses by doping with active particles. <i>Soft Matter</i> , 2014, 10, 6609-6613.	1.2	63
70	Jack of all trades: versatile catechol crosslinking mechanisms. <i>Chemical Society Reviews</i> , 2014, 43, 8271-8298.	18.7	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.	2.6	34
72	Subtle Charge Balance Controls Surface-Nucleated Self-Assembly of Designed Biopolymers. <i>ACS Nano</i> , 2014, 8, 2328-2335.	7.3	23

#	ARTICLE	IF	CITATIONS
73	Genetically engineered silk‐collagen-like copolymer for biomedical applications: Production, characterization and evaluation of cellular response. <i>Acta Biomaterialia</i> , 2014, 10, 3620-3629.	4.1	31
74	Controlled block copolymer micelle formation for encapsulation of hydrophobic ingredients. <i>European Physical Journal E</i> , 2013, 36, 107.	0.7	16
75	Interplay between Folding and Assembly of Fibril-Forming Polypeptides. <i>Physical Review Letters</i> , 2013, 111, 058101.	2.9	30
76	Pathway-dependent properties of a multi-stimuli sensitive biosynthetic hybrid network. <i>Soft Matter</i> , 2013, 9, 8737.	1.2	4
77	Disulfide bond-stabilized physical gels of an asymmetric collagen-inspired telechelic protein polymer. <i>Soft Matter</i> , 2013, 9, 6391.	1.2	8
78	Controlled mixing of lanthanide(iii) ions in coacervate core micelles. <i>Chemical Communications</i> , 2013, 49, 3736.	2.2	57
79	Interfacial Tension and Wettability in Water‐Carbon Dioxide Systems: Experiments and Self-consistent Field Modeling. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8524-8535.	1.2	15
80	Two modes of phase inversion in a drying emulsion. <i>Soft Matter</i> , 2013, 9, 2810.	1.2	24
81	A liquid CO2-compatible hydrocarbon surfactant: experiment and modelling. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19879.	1.3	2
82	Covalently Attached Organic Monolayers onto Silicon Carbide from 1-Alkynes: Molecular Structure and Tribological Properties. <i>Langmuir</i> , 2013, 29, 4019-4031.	1.6	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.	2.2	96
84	Pearl-necklace complexes of flexible polyanions with neutral‐cationic diblock copolymers. <i>Soft Matter</i> , 2013, 9, 6406.	1.2	9
85	Linear Viscoelasticity of Polyelectrolyte Complex Coacervates. <i>Macromolecules</i> , 2013, 46, 1633-1641.	2.2	170
86	(Quasi-) 2D Aggregation of Polystyrene-b-Dextran at the Air‐Water Interface. <i>Langmuir</i> , 2013, 29, 2667-2675.	1.6	5
87	Pushing the glass transition towards random close packing using self-propelled hard spheres. <i>Nature Communications</i> , 2013, 4, 2704.	5.8	148
88	Fibril Formation by pH and Temperature Responsive Silk-Elastin Block Copolymers. <i>Biomacromolecules</i> , 2013, 14, 48-55.	2.6	23
89	Self-consistent field predictions for quenched spherical biocompatible triblock copolymer micelles. <i>Soft Matter</i> , 2013, 9, 7515.	1.2	12
90	Relaxation Phenomena During Polyelectrolyte Complex Formation. <i>Advances in Polymer Science</i> , 2012, , 139-172.	0.4	16

#	ARTICLE	IF	CITATIONS
91	Ternary Fluid Mixture Confined between Surfaces: Surface-induced Phase Transition and Long-range Oscillatory Forces. <i>Chemistry Letters</i> , 2012, 41, 1113-1115.	0.7	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.	1.6	60
93	The influence of charge ratio on transient networks of polyelectrolyte complex micelles. <i>Soft Matter</i> , 2012, 8, 104-117.	1.2	34
94	Phase Diagram of Coacervate Complexes Containing Reversible Coordination Structures. <i>Macromolecules</i> , 2012, 45, 8903-8909.	2.2	30
95	Direct Measurement of the Strength of Single Ionic Bonds between Hydrated Charges. <i>ACS Nano</i> , 2012, 6, 5297-5303.	7.3	41
96	A Case of Adaptive Self-Assembly. <i>ACS Nano</i> , 2012, 6, 1004-1010.	7.3	15
97	Stable Polymer Micelles Formed by Metal Coordination. <i>Macromolecules</i> , 2012, 45, 7179-7185.	2.2	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.	1.1	19
99	Self-Assembly of Silk-Collagen-like Triblock Copolymers Resembles a Supramolecular Living Polymerization. <i>ACS Nano</i> , 2012, 6, 133-140.	7.3	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.	1.7	27
101	Extracellular-matrix tethering regulates stem-cell fate. <i>Nature Materials</i> , 2012, 11, 642-649.	13.3	1,346
102	Physical Gels Based on Charge-Driven Bridging of Nanoparticles by Triblock Copolymers. <i>Langmuir</i> , 2012, 28, 12311-12318.	1.6	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.	2.3	7
104	On the Stability and Morphology of Complex Coacervate Core Micelles: From Spherical to Wormlike Micelles. <i>Langmuir</i> , 2012, 28, 14180-14191.	1.6	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.	7.0	24
106	Antimicrobial lysozyme-containing starch microgel to target and inhibit amylase-producing microorganisms. <i>Food Hydrocolloids</i> , 2012, 28, 28-35.	5.6	36
107	Uptake and release kinetics of lysozyme in and from an oxidized starch polymer microgel. <i>Soft Matter</i> , 2011, 7, 10377.	1.2	37
108	Mobility of fluorescently labeled polymer micelles in living cells. <i>Soft Matter</i> , 2011, 7, 1214-1218.	1.2	5

#	ARTICLE	IF	CITATIONS
109	Fluorescence enhancement by microphase separation-induced chain extension of Eu ³⁺ coordination polymers: phenomenon and analysis. <i>Soft Matter</i> , 2011, 7, 2720.	1.2	23
110	Thermally sensitive dual fluorescent polymeric micelles for probing cell properties. <i>Soft Matter</i> , 2011, 7, 11211.	1.2	16
111	Mobility of lysozyme inside oxidized starch polymer microgels. <i>Soft Matter</i> , 2011, 7, 1926.	1.2	35
112	Shape-Memory Effects in Biopolymer Networks with Collagen-Like Transient Nodes. <i>Biomacromolecules</i> , 2011, 12, 2285-2292.	2.6	51
113	Transient network topology of interconnected polyelectrolyte complex micelles. <i>Soft Matter</i> , 2011, 7, 1378.	1.2	52
114	Reversible assembly of oppositely charged hairy colloids in water. <i>Soft Matter</i> , 2011, 7, 8281.	1.2	46
115	Effect of pH on Complex Coacervate Core Micelles from Fe(III)-Based Coordination Polymer. <i>Langmuir</i> , 2011, 27, 14776-14782.	1.6	22
116	Promoted formation of coordination polyelectrolytes by layer-by-layer assembly. <i>Soft Matter</i> , 2011, 7, 3565.	1.2	23
117	Polyelectrolyte complexes: Bulk phases and colloidal systems. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 407-422.	5.0	504
118	Effects of Polyelectrolyte Complex Micelles and Their Components on the Enzymatic Activity of Lipase. <i>Langmuir</i> , 2010, 26, 9802-9808.	1.6	55
119	Interfacial tension between a complex coacervate phase and its coexisting aqueous phase. <i>Soft Matter</i> , 2010, 6, 172-178.	1.2	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.	1.0	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.	1.0	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.	1.0	4
123	Multiresponsive Reversible Gels Based on Charge-Driven Assembly. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 708-711.	7.2	138
124	Triggered Templated Assembly of Protein Polymersomes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9947-9950.	7.2	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.	2.3	29
126	Emerging applications of stimuli-responsive polymer materials. <i>Nature Materials</i> , 2010, 9, 101-113.	13.3	5,007

#	ARTICLE	IF	CITATIONS
127	From Coordination Polymers to Hierarchical Self-Assembled Structures. <i>Advances in Polymer Science</i> , 2010, , 91-115.	0.4	11
128	Relaxation Dynamics at Different Time Scales in Electrostatic Complexes: Time-Salt Superposition. <i>Physical Review Letters</i> , 2010, 105, 208301.	2.9	171
129	Complex Coacervate Core Micelles from Iron-Based Coordination Polymers. <i>Journal of Physical Chemistry B</i> , 2010, 114, 8313-8319.	1.2	52
130	Overall Charge and Local Charge Density of Pectin Determines the Enthalpic and Entropic Contributions to Complexation with \hat{I}^2 -Lactoglobulin. <i>Biomacromolecules</i> , 2010, 11, 3578-3583.	2.6	47
131	Fracture and Self-Healing in a Well-Defined Self-Assembled Polymer Network. <i>Macromolecules</i> , 2010, 43, 3542-3548.	2.2	121
132	Dynamic Force Spectroscopy of Oppositely Charged Polyelectrolyte Brushes. <i>Macromolecules</i> , 2010, 43, 1543-1550.	2.2	41
133	Binodal Compositions of Polyelectrolyte Complexes. <i>Macromolecules</i> , 2010, 43, 6476-6484.	2.2	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.	1.6	86
135	Co-assembly Towards Janus Micelles. <i>Advances in Polymer Science</i> , 2010, , 163-185.	0.4	4
136	Kinetics of network formation by telechelic polypeptides with trimeric nodes. <i>Soft Matter</i> , 2010, 6, 416-422.	1.2	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.	1.2	23
138	Redox responsive molecular assemblies based on metallic coordination polymers. <i>Soft Matter</i> , 2010, 6, 3244.	1.2	25
139	Self-consistent-field calculations of proteinlike incorporations in polyelectrolyte complex micelles. <i>Physical Review E</i> , 2009, 80, 051406.	0.8	3
140	Intermittent dynamics in transient polymer networks under shear: Signs of self-organized criticality. <i>Physical Review E</i> , 2009, 79, 056306.	0.8	15
141	Influence of the overall charge and local charge density of pectin on the complex formation between pectin and \hat{I}^2 -lactoglobulin. <i>Food Hydrocolloids</i> , 2009, 23, 765-772.	5.6	99
142	Deformation and fracture of emulsion-filled gels: Effect of oil content and deformation speed. <i>Food Hydrocolloids</i> , 2009, 23, 1381-1393.	5.6	106
143	Ultradense Polymer Brushes by Adsorption. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5369-5371.	7.2	25
144	Complex coacervate core micelles. <i>Advances in Colloid and Interface Science</i> , 2009, 147-148, 300-318.	7.0	348

#	ARTICLE	IF	CITATIONS
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.	2.6	26
146	Environment-sensitive stabilisation of silver nanoparticles in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2009, 339, 317-324.	5.0	11
147	Reversibility and Relaxation Behavior of Polyelectrolyte Complex Micelle Formation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5431-5439.	1.2	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.	1.6	20
149	Binding of β^2 -Lactoglobulin to Pectins Varying in their Overall and Local Charge Density. <i>Biomacromolecules</i> , 2009, 10, 3246-3252.	2.6	36
150	Salt-Induced Disintegration of Lysozyme-Containing Polyelectrolyte Complex Micelles. <i>Langmuir</i> , 2009, 25, 11425-11430.	1.6	68
151	Polypeptide Nanoribbon Hydrogels Assembled through Multiple Supramolecular Interactions. <i>Langmuir</i> , 2009, 25, 12899-12908.	1.6	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.	1.6	40
153	Triblock Protein Copolymers Forming Supramolecular Nanotapes and pH-Responsive Gels. <i>Macromolecules</i> , 2009, 42, 1002-1009.	2.2	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.	2.6	81
155	Formation of nanotapes by co-assembly of triblock peptide copolymers and polythiophenes in aqueous solution. <i>Soft Matter</i> , 2009, 5, 1668.	1.2	13
156	Interaction of Particles with a Polydisperse Brush: A Self-Consistent-Field Analysis. <i>Macromolecules</i> , 2009, 42, 5881-5891.	2.2	37
157	Salt-induced release of lipase from polyelectrolyte complex micelles. <i>Soft Matter</i> , 2009, 5, 242-250.	1.2	84
158	Physical gels of telechelic triblock copolymers with precisely defined junction multiplicity. <i>Soft Matter</i> , 2009, 5, 2057.	1.2	58
159	Capacity-controllable nanocarriers for metal ions. <i>Soft Matter</i> , 2009, 5, 790-796.	1.2	16
160	Small monodisperse unilamellar vesicles from binary copolymer mixtures. <i>Soft Matter</i> , 2009, 5, 4169.	1.2	19
161	Field theoretical modeling of the coexistence of micelles and vesicles in binary copolymer mixtures. <i>Soft Matter</i> , 2009, 5, 4173.	1.2	13
162	Dilute gels with exceptional rigidity from self-assembling silk-collagen-like block copolymers. <i>Soft Matter</i> , 2009, 5, 4191.	1.2	27

#	ARTICLE	IF	CITATIONS
163	Prediction of solvent dependent β -roll formation of a self-assembling silk-like protein domain. <i>Soft Matter</i> , 2009, 5, 2658.	1.2	32
164	Spontaneous symmetry breaking: formation of Janus micelles. <i>Soft Matter</i> , 2009, 5, 999-1005.	1.2	74
165	Pluronic polymersomes stabilized by core cross-linked polymer micelles. <i>Soft Matter</i> , 2009, 5, 4042.	1.2	25
166	Nanoribbons Self-Assembled from Triblock Peptide Polymers and Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4192-4195.	7.2	54
167	Simultaneous determination of adenosine triphosphate and its metabolites in human whole blood by RP-HPLC and UV-detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 864, 43-51.	1.2	64
168	Structure of mixed β -lactoglobulin/pectin adsorbed layers at air/water interfaces; a spectroscopy study. <i>Journal of Colloid and Interface Science</i> , 2008, 317, 137-147.	5.0	54
169	Fat retention at the tongue and the role of saliva: Adhesion and spreading of ω -protein-poor TM versus ω -protein-rich TM emulsions. <i>Journal of Colloid and Interface Science</i> , 2008, 321, 21-29.	5.0	77
170	Comprehensive theory for star-like polymer micelles; combining classical nucleation and polymer brush theory. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 5308.	1.3	7
171	Temperature Responsive Complex Coacervate Core Micelles With a PEO and PNIPAAm Corona. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10833-10840.	1.2	58
172	Stability of Complex Coacervate Core Micelles Containing Metal Coordination Polymer. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10908-10914.	1.2	58
173	Synthesis of Novel Well-Defined Poly(vinyl acetate)- <i>b</i> -poly(acrylonitrile) and Derivatized Water-Soluble Poly(vinyl alcohol)- <i>b</i> -poly(acrylic acid) Block Copolymers by Cobalt-Mediated Radical Polymerization. <i>Macromolecules</i> , 2008, 41, 2353-2360.	2.2	90
174	Adsorption of the Protein Bovine Serum Albumin in a Planar Poly(acrylic acid) Brush Layer As Measured by Optical Reflectometry. <i>Langmuir</i> , 2008, 24, 6575-6584.	1.6	154
175	Net Charge Affects Morphology and Visual Properties of Ovalbumin Aggregates. <i>Biomacromolecules</i> , 2008, 9, 3165-3172.	2.6	31
176	Spherocylindrical coacervate core micelles formed by a supramolecular coordination polymer and a diblock copolymer. <i>Soft Matter</i> , 2008, 4, 2207.	1.2	28
177	Direct observation of adhesion and spreading of emulsion droplets at solid surfaces. <i>Soft Matter</i> , 2008, 4, 1079.	1.2	50
178	On the Transition between a Heterogeneous and Homogeneous Corona in Mixed Polymeric Micelles. <i>Langmuir</i> , 2008, 24, 12221-12227.	1.6	24
179	Self-Consistent Field Modeling of Adsorption from Polymer/Surfactant Mixtures. <i>Langmuir</i> , 2008, 24, 6712-6720.	1.6	14
180	Capillary Adhesion in the Limit of Saturation: Thermodynamics, Self-Consistent Field Modeling and Experiment. <i>Langmuir</i> , 2008, 24, 1308-1317.	1.6	22

#	ARTICLE	IF	CITATIONS
181	Gentle Immobilization of Nonionic Polymersomes on Solid Substrates. <i>Langmuir</i> , 2008, 24, 76-82.	1.6	24
182	Self-Consistent Field Modeling of Non-ionic Surfactants at the Silica-Water Interface: Incorporating Molecular Detail. <i>Langmuir</i> , 2008, 24, 3960-3969.	1.6	12
183	Self-Consistent Field Modeling of Poly(ethylene oxide) Adsorption onto Silica: The Multiple Roles of Electrolytes. <i>Langmuir</i> , 2008, 24, 1930-1942.	1.6	25
184	Brownian particles in transient polymer networks. <i>Physical Review E</i> , 2008, 77, 061502.	0.8	50
185	Dynamics of polymer bridge formation and disruption. <i>Physical Review E</i> , 2008, 78, 040802.	0.8	10
186	Rouse Dynamics of Colloids Bound to Polymer Networks. <i>Physical Review Letters</i> , 2007, 99, 208301.	2.9	43
187	Competitive Adsorption of Nonionic Surfactant and Nonionic Polymer on Silica. <i>Langmuir</i> , 2007, 23, 5532-5540.	1.6	48
188	Structure and Stability of Complex Coacervate Core Micelles with Lysozyme. <i>Biomacromolecules</i> , 2007, 8, 2219-2227.	2.6	73
189	Complex Coacervate Core Micelles with a Lysozyme-Modified Corona. <i>Langmuir</i> , 2007, 23, 8003-8009.	1.6	25
190	Irreversible Structural Transitions in Mixed Micelles of Oppositely Charged Diblock Copolymers in Aqueous Solution. <i>Macromolecules</i> , 2007, 40, 2158-2164.	2.2	72
191	Characteristic Differences in the Formation of Complex Coacervate Core Micelles from Neodymium and Zinc-Based Coordination Polymers. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5811-5818.	1.2	34
192	Sweet brushes and dirty proteins. <i>Soft Matter</i> , 2007, 3, 754.	1.2	28
193	Polysaccharide Charge Density Regulating Protein Adsorption to Air/Water Interfaces by Protein/Polysaccharide Complex Formation. <i>Journal of Physical Chemistry B</i> , 2007, 111, 12969-12976.	1.2	34
194	Electrostatically Driven Coassembly of a Diblock Copolymer and an Oppositely Charged Homopolymer in Aqueous Solutions. <i>Macromolecules</i> , 2007, 40, 8476-8482.	2.2	46
195	Wormlike Aggregates from a Supramolecular Coordination Polymer and a Diblock Copolymer. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11662-11669.	1.2	47
196	Stabilization of Polymersome Vesicles by an Interpenetrating Polymer Network. <i>Macromolecules</i> , 2007, 40, 329-333.	2.2	25
197	Hierarchical Self-Assembly in Solutions Containing Metal Ions, Ligand, and Diblock Copolymer. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1807-1809.	7.2	101
198	EFFECT OF DROPLET-MATRIX INTERACTIONS ON LARGE DEFORMATION PROPERTIES OF EMULSION-FILLED GELS. <i>Journal of Texture Studies</i> , 2007, 38, 511-535.	1.1	117

#	ARTICLE	IF	CITATIONS
199	Tribology of o/w Emulsions Under Mouth-like Conditions: Determinants of Friction. <i>Food Biophysics</i> , 2007, 2, 158-171.	1.4	129
200	Core and Corona Structure of Mixed Polymeric Micelles. <i>Macromolecules</i> , 2006, 39, 5952-5955.	2.2	50
201	Comparison of complex coacervate core micelles from two diblock copolymers or a single diblock copolymer with a polyelectrolyte. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 4242.	1.3	64
202	Modulating Surface Rheology by Electrostatic Protein/Polysaccharide Interactions. <i>Langmuir</i> , 2006, 22, 10089-10096.	1.6	107
203	Monte Carlo Study of Supramolecular Polymer Fractionation: Selective Removal of Chain Stoppers by Phase Separation. <i>Journal of Physical Chemistry B</i> , 2006, 110, 18629-18634.	1.2	5
204	Use of polysaccharides to control protein adsorption to the air-water interface. <i>Food Hydrocolloids</i> , 2006, 20, 872-878.	5.6	78
205	Double-Faced Micelles from Water-Soluble Polymers. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6673-6676.	7.2	174
206	Phase Behavior of Mixtures of Oppositely Charged Nanoparticles: Heterogeneous Poisson-Boltzmann Cell Model Applied to Lysozyme and Succinylated Lysozyme. <i>Langmuir</i> , 2006, 22, 1291-1300.	1.6	39
207	Phase behavior of mixtures of oppositely charged protein nanoparticles at asymmetric charge ratios. <i>Physical Review E</i> , 2006, 73, 041408.	0.8	18
208	Self-consistent field theory of protein adsorption in a non-Gaussian polyelectrolyte brush. <i>Physical Review E</i> , 2006, 73, 011802.	0.8	48
209	Elucidating the relationship between the spreading coefficient, surface-mediated partial coalescence and the whipping time of artificial cream. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 260, 71-78.	2.3	55
210	Heat-induced formation of ordered structures of ovalbumin at low ionic strength studied by small angle X-ray scattering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 270-271, 301-308.	2.3	17
211	Assembly of polyelectrolyte-containing block copolymers in aqueous media. <i>Current Opinion in Colloid and Interface Science</i> , 2005, 10, 30-36.	3.4	148
212	Electrokinetic Characterization of Poly(Acrylic Acid) and Poly(Ethylene Oxide) Brushes in Aqueous Electrolyte Solutions. <i>Langmuir</i> , 2005, 21, 5108-5114.	1.6	39
213	Correlation between Mechanical Behavior of Protein Films at the Air/Water Interface and Intrinsic Stability of Protein Molecules. <i>Langmuir</i> , 2005, 21, 4083-4089.	1.6	45
214	Reversible Binding of Multivalent Ions by Surfactant Self-Assembly. <i>Journal of the American Chemical Society</i> , 2005, 127, 1594-1595.	6.6	22
215	Adsorption of Charged Macromolecules at a Gold Electrode. <i>Langmuir</i> , 2004, 20, 9703-9713.	1.6	34
216	Spreading of partially crystallized oil droplets on an air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 240, 83-92.	2.3	28

#	ARTICLE	IF	CITATIONS
217	Acid-Induced Cold Gelation of Globular Proteins: Effects of Protein Aggregate Characteristics and Disulfide Bonding on Rheological Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 623-631.	2.4	103
218	Cylindrical Cell Model for the Electrostatic Free Energy of Polyelectrolyte Complexes. <i>Langmuir</i> , 2004, 20, 4764-4770.	1.6	58
219	Electrostatic Free Energy of Weakly Charged Macromolecules in Solution and Intermacromolecular Complexes Consisting of Oppositely Charged Polymers. <i>Langmuir</i> , 2004, 20, 2785-2791.	1.6	142
220	Complex Coacervation Core Micelles. Colloidal Stability and Aggregation Mechanism. <i>Langmuir</i> , 2004, 20, 1073-1084.	1.6	199
221	Linear Rheology of Water-Soluble Reversible Neodymium(III) Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2004, 126, 15802-15808.	6.6	131
222	Heat-induced denaturation and aggregation of ovalbumin at neutral pH described by irreversible first-order kinetics. <i>Protein Science</i> , 2003, 12, 2693-2703.	3.1	119
223	Self-Consistent-Field Prediction for the Persistence Length of Wormlike Micelles of Nonionic Surfactants. <i>Journal of Physical Chemistry B</i> , 2003, 107, 10912-10918.	1.2	28
224	Water-Soluble Reversible Coordination Polymers: Chains and Rings. <i>Macromolecules</i> , 2003, 36, 7035-7044.	2.2	144
225	Adsorption of a linear polyelectrolyte on a gold electrode. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 4258.	1.3	24
226	Conformational Aspects of Proteins at the Air/Water Interface Studied by Infrared Reflection-Absorption Spectroscopy. <i>Langmuir</i> , 2003, 19, 2922-2928.	1.6	80
227	Flow and Fracture Phenomena in Adsorbed Protein Layers at the Air/Water Interface in Connection with Spreading Oil Droplets. <i>Langmuir</i> , 2003, 19, 10210-10216.	1.6	31
228	The Electrical Double Layer on Gold Probed by Electrokinetic and Surface Force Measurements. <i>Journal of Colloid and Interface Science</i> , 2002, 248, 88-95.	5.0	135
229	Interactions between Acid- and Base-Functionalized Surfaces. <i>Journal of Colloid and Interface Science</i> , 2002, 252, 138-148.	5.0	54
230	Network Forming Properties of Various Proteins Adsorbed at the Air/Water Interface in Relation to Foam Stability. <i>Journal of Colloid and Interface Science</i> , 2002, 254, 175-183.	5.0	228
231	Adhesive liquid-crystalline polymers. <i>Macromolecular Symposia</i> , 1998, 127, 115-121.	0.4	2
232	Formation and Stability of Multilayers of Polyelectrolytes. <i>Langmuir</i> , 1996, 12, 3675-3681.	1.6	375
233	Novel water-soluble block copolymers of dimethylaminoethyl methacrylate and dihydroxypropyl methacrylate. <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 2553-2564.	1.1	52
234	Can charged (block co)polymers act as stabilisers and flocculants of oxides?. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 117, 77-88.	2.3	37

#	ARTICLE	IF	CITATIONS
235	Adsorption of cationic starches on microcrystalline cellulose. Nordic Pulp and Paper Research Journal, 1993, 8, 34-40.	0.3	19
236	Experimental aspects of polymer adsorption at solid/solution interfaces. Advances in Colloid and Interface Science, 1985, 24, 143-239.	7.0	283
237	Regulated Polyion Complex Vesicles for Efficient Photothermal Therapy. Advanced Functional Materials, 0, , 2108729.	7.8	5