

# Martien A Cohen Stuart

## List of Publications by Year in descending order

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237  
papers

18,151  
citations

<sup>26567</sup>  
56  
h-index

<sup>14156</sup>  
128  
g-index

243  
all docs

243  
docs citations

243  
times ranked

20053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging applications of stimuli-responsive polymer materials. <i>Nature Materials</i> , 2010, 9, 101-113.	13.3	5,007
2	Extracellular-matrix tethering regulates stem-cell fate. <i>Nature Materials</i> , 2012, 11, 642-649.	13.3	1,346
3	Jack of all trades: versatile catechol crosslinking mechanisms. <i>Chemical Society Reviews</i> , 2014, 43, 8271-8298.	18.7	532
4	Polyelectrolyte complexes: Bulk phases and colloidal systems. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 407-422.	5.0	504
5	Formation and Stability of Multilayers of Polyelectrolytes. <i>Langmuir</i> , 1996, 12, 3675-3681.	1.6	375
6	Complex coacervate core micelles. <i>Advances in Colloid and Interface Science</i> , 2009, 147-148, 300-318.	7.0	348
7	Binodal Compositions of Polyelectrolyte Complexes. <i>Macromolecules</i> , 2010, 43, 6476-6484.	2.2	334
8	Experimental aspects of polymer adsorption at solid/solution interfaces. <i>Advances in Colloid and Interface Science</i> , 1985, 24, 143-239.	7.0	283
9	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
10	Complex Coacervation Core Micelles. Colloidal Stability and Aggregation Mechanism. <i>Langmuir</i> , 2004, 20, 1073-1084.	1.6	199
11	Double-Faced Micelles from Water-Soluble Polymers. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6673-6676.	7.2	174
12	Relaxation Dynamics at Different Time Scales in Electrostatic Complexes: Time-Salt Superposition. <i>Physical Review Letters</i> , 2010, 105, 208301.	2.9	171
13	Linear Viscoelasticity of Polyelectrolyte Complex Coacervates. <i>Macromolecules</i> , 2013, 46, 1633-1641.	2.2	170
14	Interfacial tension between a complex coacervate phase and its coexisting aqueous phase. <i>Soft Matter</i> , 2010, 6, 172-178.	1.2	160
15	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
16	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
17	Pushing the glass transition towards random close packing using self-propelled hard spheres. <i>Nature Communications</i> , 2013, 4, 2704.	5.8	148
18	Water-Soluble Reversible Coordination Polymers: $\lambda$ Chains and Rings. <i>Macromolecules</i> , 2003, 36, 7035-7044.	2.2	144

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19	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
20	Multiresponsive Reversible Gels Based on Charge-Driven Assembly. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 708-711.	7.2	138
21	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
22	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
23	Tribology of o/w Emulsions Under Mouth-like Conditions: Determinants of Friction. <i>Food Biophysics</i> , 2007, 2, 158-171.	1.4	129
24	Fracture and Self-Healing in a Well-Defined Self-Assembled Polymer Network. <i>Macromolecules</i> , 2010, 43, 3542-3548.	2.2	121
25	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
26	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
27	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
28	Modulating Surface Rheology by Electrostatic Protein/Polysaccharide Interactions. <i>Langmuir</i> , 2006, 22, 10089-10096.	1.6	107
29	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
30	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
31	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
32	Influence of the overall charge and local charge density of pectin on the complex formation between pectin and $\beta$ -lactoglobulin. <i>Food Hydrocolloids</i> , 2009, 23, 765-772.	5.6	99
33	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
34	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
35	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
36	Salt-induced release of lipase from polyelectrolyte complex micelles. <i>Soft Matter</i> , 2009, 5, 242-250.	1.2	84

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37	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
38	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
39	Use of polysaccharides to control protein adsorption to the air-water interface. <i>Food Hydrocolloids</i> , 2006, 20, 872-878.	5.6	78
40	Fat retention at the tongue and the role of saliva: Adhesion and spreading of protein-poor versus protein-rich emulsions. <i>Journal of Colloid and Interface Science</i> , 2008, 321, 21-29.	5.0	77
41	Production of protein-based polymers in <i>Pichia pastoris</i> . <i>Biotechnology Advances</i> , 2019, 37, 642-666.	6.0	77
42	Spontaneous symmetry breaking: formation of Janus micelles. <i>Soft Matter</i> , 2009, 5, 999-1005.	1.2	74
43	Structure and Stability of Complex Coacervate Core Micelles with Lysozyme. <i>Biomacromolecules</i> , 2007, 8, 2219-2227.	2.6	73
44	Reaction Pathways in Catechol/Primary Amine Mixtures: A Window on Crosslinking Chemistry. <i>PLoS ONE</i> , 2016, 11, e0166490.	1.1	73
45	Irreversible Structural Transitions in Mixed Micelles of Oppositely Charged Diblock Copolymers in Aqueous Solution. <i>Macromolecules</i> , 2007, 40, 2158-2164.	2.2	72
46	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
47	Salt-Induced Disintegration of Lysozyme-Containing Polyelectrolyte Complex Micelles. <i>Langmuir</i> , 2009, 25, 11425-11430.	1.6	68
48	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
49	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
50	Reversibility and Relaxation Behavior of Polyelectrolyte Complex Micelle Formation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5431-5439.	1.2	63
51	Crystallizing hard-sphere glasses by doping with active particles. <i>Soft Matter</i> , 2014, 10, 6609-6613.	1.2	63
52	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
53	Triblock Protein Copolymers Forming Supramolecular Nanotapes and pH-Responsive Gels. <i>Macromolecules</i> , 2009, 42, 1002-1009.	2.2	59
54	Cylindrical Cell Model for the Electrostatic Free Energy of Polyelectrolyte Complexes. <i>Langmuir</i> , 2004, 20, 4764-4770.	1.6	58

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55	Temperature Responsive Complex Coacervate Core Micelles With a PEO and PNIPAAm Corona. Journal of Physical Chemistry B, 2008, 112, 10833-10840.	1.2	58
56	Stability of Complex Coacervate Core Micelles Containing Metal Coordination Polymer. Journal of Physical Chemistry B, 2008, 112, 10908-10914.	1.2	58
57	Physical gels of telechelic triblock copolymers with precisely defined junction multiplicity. Soft Matter, 2009, 5, 2057.	1.2	58
58	The effect of molecular composition and crosslinking on adhesion of a bio-inspired adhesive. Polymer Chemistry, 2015, 6, 3121-3130.	1.9	58
59	Controlled mixing of lanthanide(iii) ions in coacervate core micelles. Chemical Communications, 2013, 49, 3736.	2.2	57
60	Corncob cellulose nanosphere as an eco-friendly detergent. Nature Sustainability, 2020, 3, 448-458.	11.5	56
61	Elucidating the relationship between the spreading coefficient, surface-mediated partial coalescence and the whipping time of artificial cream. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 260, 71-78.	2.3	55
62	Effects of Polyelectrolyte Complex Micelles and Their Components on the Enzymatic Activity of Lipase. Langmuir, 2010, 26, 9802-9808.	1.6	55
63	Interactions between Acid- and Base-Functionalized Surfaces. Journal of Colloid and Interface Science, 2002, 252, 138-148.	5.0	54
64	Nanoribbons Self-Assembled from Triblock Peptide Polymers and Coordination Polymers. Angewandte Chemie - International Edition, 2008, 47, 4192-4195.	7.2	54
65	Structure of mixed $\beta$ -lactoglobulin/pectin adsorbed layers at air/water interfaces; a spectroscopy study. Journal of Colloid and Interface Science, 2008, 317, 137-147.	5.0	54
66	Dilute Self-Healing Hydrogels of Silk-Collagen-Like Block Copolypeptides at Neutral pH. Biomacromolecules, 2014, 15, 699-706.	2.6	54
67	Processable and Luminescent Supramolecular Hydrogels from Complex Coacervation of Polycations with Lanthanide Coordination Polyanions. Macromolecules, 2019, 52, 8643-8650.	2.2	54
68	Novel water-soluble block copolymers of dimethylaminoethyl methacrylate and dihydroxypropyl methacrylate. Macromolecular Chemistry and Physics, 1996, 197, 2553-2564.	1.1	52
69	Complex Coacervate Core Micelles from Iron-Based Coordination Polymers. Journal of Physical Chemistry B, 2010, 114, 8313-8319.	1.2	52
70	Transient network topology of interconnected polyelectrolyte complex micelles. Soft Matter, 2011, 7, 1378.	1.2	52
71	Shape-Memory Effects in Biopolymer Networks with Collagen-Like Transient Nodes. Biomacromolecules, 2011, 12, 2285-2292.	2.6	51
72	Core and Corona Structure of Mixed Polymeric Micelles. Macromolecules, 2006, 39, 5952-5955.	2.2	50

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73	Direct observation of adhesion and spreading of emulsion droplets at solid surfaces. <i>Soft Matter</i> , 2008, 4, 1079.	1.2	50
74	Brownian particles in transient polymer networks. <i>Physical Review E</i> , 2008, 77, 061502.	0.8	50
75	Morphology Tuning of Aggregation-Induced Emission Probes by Flash Nanoprecipitation: Shape and Size Effects on in Vivo Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25186-25193.	4.0	50
76	Self-consistent field theory of protein adsorption in a non-Gaussian polyelectrolyte brush. <i>Physical Review E</i> , 2006, 73, 011802.	0.8	48
77	Competitive Adsorption of Nonionic Surfactant and Nonionic Polymer on Silica. <i>Langmuir</i> , 2007, 23, 5532-5540.	1.6	48
78	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
79	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
80	Overall Charge and Local Charge Density of Pectin Determines the Enthalpic and Entropic Contributions to Complexation with $\beta$ -Lactoglobulin. <i>Biomacromolecules</i> , 2010, 11, 3578-3583.	2.6	47
81	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
82	Reversible assembly of oppositely charged hairy colloids in water. <i>Soft Matter</i> , 2011, 7, 8281.	1.2	46
83	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
84	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
85	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
86	Unidirectional Living Growth of Self-Assembled Protein Nanofibrils Revealed by Super-resolution Microscopy. <i>ACS Nano</i> , 2016, 10, 4973-4980.	7.3	44
87	Rouse Dynamics of Colloids Bound to Polymer Networks. <i>Physical Review Letters</i> , 2007, 99, 208301.	2.9	43
88	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
89	Dynamic Force Spectroscopy of Oppositely Charged Polyelectrolyte Brushes. <i>Macromolecules</i> , 2010, 43, 1543-1550.	2.2	41
90	Direct Measurement of the Strength of Single Ionic Bonds between Hydrated Charges. <i>ACS Nano</i> , 2012, 6, 5297-5303.	7.3	41

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91	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
92	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
93	Phase Behavior of Mixtures of Oppositely Charged Nanoparticles: A Heterogeneous Poisson-Boltzmann Cell Model Applied to Lysozyme and Succinylated Lysozyme. <i>Langmuir</i> , 2006, 22, 1291-1300.	1.6	39
94	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
95	Interaction of Particles with a Polydisperse Brush: A Self-Consistent-Field Analysis. <i>Macromolecules</i> , 2009, 42, 5881-5891.	2.2	37
96	Uptake and release kinetics of lysozyme in and from an oxidized starch polymer microgel. <i>Soft Matter</i> , 2011, 7, 10377.	1.2	37
97	Binding of $\hat{I}^2$ -Lactobulbin to Pectins Varying in their Overall and Local Charge Density. <i>Biomacromolecules</i> , 2009, 10, 3246-3252.	2.6	36
98	Antimicrobial lysozyme-containing starch microgel to target and inhibit amylase-producing microorganisms. <i>Food Hydrocolloids</i> , 2012, 28, 28-35.	5.6	36
99	Mobility of lysozyme inside oxidized starch polymer microgels. <i>Soft Matter</i> , 2011, 7, 1926.	1.2	35
100	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
101	Adsorption of Charged Macromolecules at a Gold Electrode. <i>Langmuir</i> , 2004, 20, 9703-9713.	1.6	34
102	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
103	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
104	The influence of charge ratio on transient networks of polyelectrolyte complex micelles. <i>Soft Matter</i> , 2012, 8, 104-117.	1.2	34
105	Self-Assembly of Silk-Collagen-like Triblock Copolymers Resembles a Supramolecular Living Polymerization. <i>ACS Nano</i> , 2012, 6, 133-140.	7.3	34
106	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
107	Stable Polymer Micelles Formed by Metal Coordination. <i>Macromolecules</i> , 2012, 45, 7179-7185.	2.2	33
108	Prediction of solvent dependent $\hat{I}^2$ -roll formation of a self-assembling silk-like protein domain. <i>Soft Matter</i> , 2009, 5, 2658.	1.2	32

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109	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
110	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
111	Net Charge Affects Morphology and Visual Properties of Ovalbumin Aggregates. <i>Biomacromolecules</i> , 2008, 9, 3165-3172.	2.6	31
112	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
113	Phase Diagram of Coacervate Complexes Containing Reversible Coordination Structures. <i>Macromolecules</i> , 2012, 45, 8903-8909.	2.2	30
114	Interplay between Folding and Assembly of Fibril-Forming Polypeptides. <i>Physical Review Letters</i> , 2013, 111, 058101.	2.9	30
115	Effect of Spacer Length between Phenyl Pendant and Backbone in Comb Copolymers on Flow Ability of Waxy Oil with Asphaltenes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 12447-12455.	1.8	30
116	Functional Polyion Complex Vesicles Enabled by Supramolecular Reversible Coordination Polyelectrolytes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8494-8498.	7.2	30
117	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
118	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
119	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
120	Sweet brushes and dirty proteins. <i>Soft Matter</i> , 2007, 3, 754.	1.2	28
121	Spherocylindrical coacervate core micelles formed by a supramolecular coordination polymer and a diblock copolymer. <i>Soft Matter</i> , 2008, 4, 2207.	1.2	28
122	Dilute gels with exceptional rigidity from self-assembling silk-collagen-like block copolymers. <i>Soft Matter</i> , 2009, 5, 4191.	1.2	27
123	Adenosine 5'-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
124	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
125	Complex Coacervate Core Micelles with a Lysozyme-Modified Corona. <i>Langmuir</i> , 2007, 23, 8003-8009.	1.6	25
126	Stabilization of Polymersome Vesicles by an Interpenetrating Polymer Network. <i>Macromolecules</i> , 2007, 40, 329-333.	2.2	25



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127	Self-Consistent Field Modeling of Poly(ethylene oxide) Adsorption onto Silica:â€‰ The Multiple Roles of Electrolytes. Langmuir, 2008, 24, 1930-1942.	1.6	25
128	Ultradense Polymer Brushes by Adsorption. Angewandte Chemie - International Edition, 2009, 48, 5369-5371.	7.2	25
129	Pluronic polymersomes stabilized by core cross-linked polymer micelles. Soft Matter, 2009, 5, 4042.	1.2	25
130	Redox responsive molecular assemblies based on metallic coordination polymers. Soft Matter, 2010, 6, 3244.	1.2	25
131	Adsorption of a linear polyelectrolyte on a gold electrode. Physical Chemistry Chemical Physics, 2003, 5, 4258.	1.3	24
132	On the Transition between a Heterogeneous and Homogeneous Corona in Mixed Polymeric Micelles. Langmuir, 2008, 24, 12221-12227.	1.6	24
133	Gentle Immobilization of Nonionic Polymersomes on Solid Substrates. Langmuir, 2008, 24, 76-82.	1.6	24
134	Colloidal interactions in liquid CO <sub>2</sub> â€” A dry-cleaning perspective. Advances in Colloid and Interface Science, 2012, 175, 11-24.	7.0	24
135	Two modes of phase inversion in a drying emulsion. Soft Matter, 2013, 9, 2810.	1.2	24
136	Charge-driven and reversible assembly of ultra-dense polymer brushes: formation and antifouling properties of a zipper brush. Soft Matter, 2010, 6, 2499.	1.2	23
137	Fluorescence enhancement by microphase separation-induced chain extension of Eu <sup>3+</sup> coordination polymers: phenomenon and analysis. Soft Matter, 2011, 7, 2720.	1.2	23
138	Promoted formation of coordination polyelectrolytes by layer-by-layer assembly. Soft Matter, 2011, 7, 3565.	1.2	23
139	Fibril Formation by pH and Temperature Responsive Silk-Elastin Block Copolymers. Biomacromolecules, 2013, 14, 48-55.	2.6	23
140	Subtle Charge Balance Controls Surface-Nucleated Self-Assembly of Designed Biopolymers. ACS Nano, 2014, 8, 2328-2335.	7.3	23
141	Reversible Binding of Multivalent Ions by Surfactant Self-Assembly. Journal of the American Chemical Society, 2005, 127, 1594-1595.	6.6	22
142	Capillary Adhesion in the Limit of Saturation:â€‰ Thermodynamics, Self-Consistent Field Modeling and Experiment. Langmuir, 2008, 24, 1308-1317.	1.6	22
143	Effect of pH on Complex Coacervate Core Micelles from Fe(III)-Based Coordination Polymer. Langmuir, 2011, 27, 14776-14782.	1.6	22
144	Illuminating the Reaction Pathways of Viromimetic Assembly. Journal of the American Chemical Society, 2017, 139, 4962-4968.	6.6	22

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145	Physical Gels Based on Charge-Driven Bridging of Nanoparticles by Triblock Copolymers. <i>Langmuir</i> , 2012, 28, 12311-12318.	1.6	21
146	Liquid Crystals of Self-Assembled DNA Bottlebrushes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4084-4092.	1.2	21
147	Manipulating and quantifying temperature-triggered coalescence with microcentrifugation. <i>Lab on A Chip</i> , 2015, 15, 188-194.	3.1	21
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	Complex coacervate core micelles as diffusional nanoprobes. <i>Soft Matter</i> , 2014, 10, 320-331.	1.2	20
150	Effect of Aromatic and Aliphatic Pendants in Poly(maleic acid amide-co-vinyl acetate) on Asphaltene Precipitation in Heavy Oil. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 10701-10708.	1.8	20
151	Small monodisperse unilamellar vesicles from binary copolymer mixtures. <i>Soft Matter</i> , 2009, 5, 4169.	1.2	19
152	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
153	Dock & roll: folding of a silk-inspired polypeptide into an amyloid-like beta solenoid. <i>Soft Matter</i> , 2016, 12, 3721-3729.	1.2	19
154	Fibrous Hydrogels for Cell Encapsulation: A Modular and Supramolecular Approach. <i>PLoS ONE</i> , 2016, 11, e0155625.	1.1	19
155	Efficient and Generic Preparation of Diverse Polyelectrolyte Nanogels by Electrostatic Assembly Directed Polymerization. <i>CCS Chemistry</i> , 2020, 2, 1016-1025.	4.6	19
156	Adsorption of cationic starches on microcrystalline cellulose. <i>Nordic Pulp and Paper Research Journal</i> , 1993, 8, 34-40.	0.3	19
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