Robert K Prud'homme

List of Publications by Year
in descending order

284	25,201	17440 63	7160 153
papers	citations	h-index	g-index

285	285	285	28370
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Raman Spectra of Graphite Oxide and Functionalized Graphene Sheets. Nano Letters, 2008, 8, 36-41.	9.1	3,995
2	Single Sheet Functionalized Graphene by Oxidation and Thermal Expansion of Graphite. Chemistry of Materials, 2007, 19, 4396-4404.	6.7	3,276
3	Functionalized Single Graphene Sheets Derived from Splitting Graphite Oxide. Journal of Physical Chemistry B, 2006, 110, 8535-8539.	2.6	3,173
4	Review of Long-Wavelength Optical and NIR Imaging Materials: Contrast Agents, Fluorophores, and Multifunctional Nano Carriers. Chemistry of Materials, 2012, 24, 812-827.	6.7	605
5	Chemical processing and micromixing in confined impinging jets. AICHE Journal, 2003, 49, 2264-2282.	3.6	531
6	Oxygen-Driven Unzipping of Graphitic Materials. Physical Review Letters, 2006, 96, 176101.	7.8	524
7	Wall Slip Corrections for Couette and Parallel Disk Viscometers. Journal of Rheology, 1988, 32, 53-67.	2.6	484
8	Flash NanoPrecipitation of Organic Actives and Block Copolymers using a Confined Impinging Jets Mixer. Australian Journal of Chemistry, 2003, 56, 1021.	0.9	357
9	Mechanism for Rapid Self-Assembly of Block Copolymer Nanoparticles. Physical Review Letters, 2003, 91, 118302.	7.8	340
10	Mixing in a multi-inlet vortex mixer (MIVM) for flash nano-precipitation. Chemical Engineering Science, 2008, 63, 2829-2842.	3.8	319
11	Controlling drug nanoparticle formation by rapid precipitation. Advanced Drug Delivery Reviews, 2011, 63, 417-426.	13.7	317
12	Structure and Rheology Studies of Poly(oxyethyleneâˆ’oxypropyleneâˆ’oxyethylene) Aqueous Solution. Langmuir, 1996, 12, 4651-4659.	3.5	271
13	Principles of nanoparticle formation by flash nanoprecipitation. Nano Today, 2016, 11, 212-227.	11.9	266
14	Multifunctional nanoparticles for imaging, delivery and targeting in cancer therapy. Expert Opinion on Drug Delivery, 2009, 6, 865-878.	5.0	263
15	Cure depth in photopolymerization: Experiments and theory. Journal of Materials Research, 2001, 16, 3536-3544.	2.6	243
16	Intercalation and Stitching of Graphite Oxide with Diaminoalkanes. Langmuir, 2007, 23, 10644-10649.	3.5	234
17	Bending Properties of Single Functionalized Graphene Sheets Probed by Atomic Force Microscopy. ACS Nano, 2008, 2, 2577-2584.	14.6	187
18	Ostwald Ripening ofÎ²-Carotene Nanoparticles. Physical Review Letters, 2007, 98, 036102.	7.8	182

#	Article	IF	Citations
19	Pegylated Composite Nanoparticles Containing Upconverting Phosphors and mesoâ€Tetraphenyl porphine (TPP) for Photodynamic Therapy. Advanced Functional Materials, 2011, 21, 2488-2495.	14.9	172
20	Stabilized polymeric nanoparticles for controlled and efficient release of bifenthrin. Pest Management Science, 2008, 64, 808-812.	3.4	167
21	Composite Block Copolymer Stabilized Nanoparticles:â€‰ Simultaneous Encapsulation of Organic Actives and Inorganic Nanostructures. Langmuir, 2008, 24, 83-90.	3.5	161
22	Flash nanoprecipitation of polystyrenenanoparticles. Soft Matter, 2012, 8, 86-93.	2.7	161
23	Rheology of guar and (hydroxypropyl) guar crosslinked by borate. Macromolecules, 1992, 25, 2026-2032.	4.8	157
24	A Comparison of Techniques for Measuring Yield Stresses. Journal of Rheology, 1987, 31, 699-710.	2.6	140
25	Generic Method of Preparing Multifunctional Fluorescent Nanoparticles Using Flash NanoPrecipitation. Advanced Functional Materials, 2009, 19, 718-725.	14.9	137
26	Synthesis of Stable Block-Copolymer-Protected NaYF₄:Yb³⁺, Er³⁺ Up-Converting Phosphor Nanoparticles. Chemistry of Materials, 2010, 22, 311-318.	6.7	137
27	Hydrophobic ion pairing: encapsulating small molecules, peptides, and proteins into nanocarriers. Nanoscale Advances, 2019, 1, 4207-4237.	4.6	135
28	Characterization and Intermolecular Interactions of Hydroxypropyl Guar Solutions. Biomacromolecules, 2002, 3, 456-461.	5.4	132
29	Nanofabricated upconversion nanoparticles for photodynamic therapy. Optics Express, 2009, 17, 80.	3.4	132
30	Polymeric nanoparticles and microparticles for the delivery of peptides, biologics, and soluble therapeutics. Journal of Controlled Release, 2015, 219, 519-535.	9.9	129
31	Diffusion of Mesoscopic Probes in Aqueous Polymer Solutions Measured by Fluorescence Recovery after Photobleaching. Macromolecules, 2002, 35, 8111-8121.	4.8	118
32	Modulating the Therapeutic Activity of Nanoparticle Delivered Paclitaxel by Manipulating the Hydrophobicity of Prodrug Conjugates. Journal of Medicinal Chemistry, 2008, 51, 3288-3296.	6.4	112
33	Interaction of Paraffin Wax Gels with Random Crystalline/Amorphous Hydrocarbon Copolymers. Macromolecules, 2002, 35, 7044-7053.	4.8	110
34	Interaction of Paraffin Wax Gels with Ethylene/Vinyl Acetate Co-polymers. Energy & Fuels, 2005, 19, 138-144.	5.1	108
35	Interactions between Hydrophobically Modified Polymers and Surfactants:Â A Fluorescence Study. Langmuir, 2002, 18, 3860-3864.	3.5	105
36	Effects of process conditions on crystals obtained from supercritical mixtures. AICHE Journal, 1989, 35, 325-328.	3.6	104

#	Article	IF	Citations
37	Preparation of Poly(ethylene glycol) Protected Nanoparticles with Variable Bioconjugate Ligand Density. Biomacromolecules, 2008, 9, 2705-2711.	5.4	104
38	Self-assembling process of flash nanoprecipitation in a multi-inlet vortex mixer to produce drug-loaded polymeric nanoparticles. Journal of Nanoparticle Research, 2011, 13, 4109-4120.	1.9	101
39	Sugar-based amphiphilic nanoparticles arrest atherosclerosis in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2693-2698.	7.1	101
40	Rheology of hydrophobically modified polymers with spherical and rod-like surfactant micelles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 147, 3-15.	4.7	100
41	Preparation and characterization of molecular weight fractions of guar galactomannans using acid and enzymatic hydrolysis. International Journal of Biological Macromolecules, 2002, 31, 29-35.	7.5	95
42	Strainâ€induced crystallization and mechanical properties of functionalized graphene sheetâ€filled natural rubber. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 718-723.	2.1	94
43	Nanocarriers from GRAS Zein Proteins to Encapsulate Hydrophobic Actives. Biomacromolecules, 2016, 17, 3828-3837.	5.4	94
44	Formulation and Stability of Itraconazole and Odanacatib Nanoparticles: Governing Physical Parameters. Molecular Pharmaceutics, 2009, 6, 1118-1124.	4.6	89
45	Multifunctional elastomer nanocomposites with functionalized graphene single sheets. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 910-916.	2.1	88
46	Enzymatic Degradation of Guar and Substituted Guar Galactomannans. Biomacromolecules, 2000, 1, 782-788.	5.4	87
47	Novel Associative Polymer Networks Based on Cyclodextrin Inclusion Compounds. Macromolecules, 2005, 38, 3037-3040.	4.8	86
48	Rheology and Adhesion of Poly(acrylic acid)/Laponite Nanocomposite Hydrogels as Biocompatible Adhesives. Langmuir, 2014, 30, 1636-1642.	3.5	86
49	Elongational Flow of Solutions of Rodlike Micelles. Langmuir, 1994, 10, 3419-3426.	3.5	85
50	Stabilization of the Nitric Oxide (NO) Prodrugs and Anticancer Leads, PABA/NO and Double JS-K, through Incorporation into PEG-Protected Nanoparticles. Molecular Pharmaceutics, 2010, 7, 291-298.	4.6	84
51	Controlling and Predicting Nanoparticle Formation by Block Copolymer Directed Rapid Precipitations. Nano Letters, 2018, 18, 1139-1144.	9.1	84
52	Nanoparticles as delivery vehicles for sunscreen agents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 396, 122-129.	4.7	82
53	Effects of block copolymer properties on nanocarrier protection from in vivo clearance. Journal of Controlled Release, 2012, 162, 208-217.	9.9	81
54	Formation of Stable Nanocarriers by in Situ Ion Pairing during Block-Copolymer-Directed Rapid Precipitation. Molecular Pharmaceutics, 2013, 10, 319-328.	4.6	80

#	Article	IF	Citations
55	Polymer Networks Assembled by Hostâ^'Guest Inclusion between Adamantyl and Î²-Cyclodextrin Substituents on Poly(acrylic acid) in Aqueous Solution. Macromolecules, 2008, 41, 8677-8681.	4.8	79
56	Formation of Block Copolymer-Protected Nanoparticles via Reactive Impingement Mixing. Langmuir, 2007, 23, 10499-10504.	3.5	77
57	Laminar compressible flow in a tube. Flow, Turbulence and Combustion, 1986, 43, 67-74.	0.2	76
58	Rheology of Selfâ€Associating Concentrated Xanthan Solutions. Journal of Rheology, 1984, 28, 367-379.	2.6	71
59	Synthesis of a novel hydrogel based on a coordinate covalent polymer network. Journal of the American Chemical Society, 1993, 115, 2661-2665.	13.7	68
60	Enhanced dissolution of inhalable cyclosporine nano-matrix particles with mannitol as matrix former. International Journal of Pharmaceutics, 2011, 420, 34-42.	5.2	67
61	Optimization of cell receptor-specific targeting through multivalent surface decoration of polymeric nanocarriers. Journal of Controlled Release, 2013, 168, 41-49.	9.9	67
62	An â€œoff-the-shelfâ€•capillary microfluidic device that enables tuning of the droplet breakup regime at constant flow rates. Lab on A Chip, 2013, 13, 4507.	6.0	67
63	Crystallization of Mixed Paraffin from Model Waxy Oils and the Influence of Micro-crystalline Poly(ethylene-butene) Random Copolymers. Energy & Fuels, 2004, 18, 930-937.	5.1	66
64	Effect of Comb-type Copolymers with Various Pendants on Flow Ability of Heavy Crude Oil. Industrial & Engineering Chemistry Research, 2015, 54, 5204-5212.	3.7	66
65	Rapid Production of Internally Structured Colloids by Flash Nanoprecipitation of Block Copolymer Blends. ACS Nano, 2018, 12, 4660-4668.	14.6	65
66	Wall Slip Effects on Dynamic Oscillatory Measurements. Journal of Rheology, 1988, 32, 575-584.	2.6	64
67	Crystallization of Long-Chainn-Paraffins from Solutions and Melts As Observed by Differential Scanning Calorimetry. Macromolecules, 2004, 37, 5638-5645.	4.8	64
68	Constant size, variable density aerosol particles by ultrasonic spray freeze drying. International Journal of Pharmaceutics, 2012, 427, 185-191.	5.2	63
69	pH triggered release of protective poly(ethylene glycol)-b-polycation copolymers from liposomes. Biomaterials, 2006, 27, 2599-2608.	11.4	62
70	Thermodynamic limits on drug loading in nanoparticle cores. Journal of Pharmaceutical Sciences, 2008, 97, 4904-4914.	3.3	62
71	Nanoparticle size distribution quantification from transmission electron microscopy (TEM) of ruthenium tetroxide stained polymeric nanoparticles. Journal of Colloid and Interface Science, 2021, 604, 208-220.	9.4	62
72	Fluorescent Polymeric Nanoparticles: Aggregation and Phase Behavior of Pyrene and Amphotericin B Molecules in Nanoparticle Cores. Small, 2010, 6, 2907-2914.	10.0	61

#	Article	IF	Citations
73	Polymer Directed Self-Assembly of pH-Responsive Antioxidant Nanoparticles. Langmuir, 2015, 31, 3612-3620.	3.5	61
74	Directed Assembly of Soft Colloids through Rapid Solvent Exchange. ACS Nano, 2016, 10, 1425-1433.	14.6	61
75	Facile Preparation of AIE-Active Fluorescent Nanoparticles through Flash Nanoprecipitation. Industrial & Engineering Chemistry Research, 2015, 54, 4683-4688.	3.7	59
76	Translational formulation of nanoparticle therapeutics from laboratory discovery to clinical scale. Journal of Translational Medicine, 2019, 17, 200.	4.4	59
77	Applications of Supercritical Fluids in the Controlled Release of Drugs. ACS Symposium Series, 1992, , 238-257.	0.5	57
78	Measurement of Forces across Room Temperature Ionic Liquids between Mica Surfaces. Journal of Physical Chemistry C, 2009, 113, 16445-16449.	3.1	57
79	Design and Solidification of Fast-Releasing Clofazimine Nanoparticles for Treatment of Cryptosporidiosis. Molecular Pharmaceutics, 2017, 14, 3480-3488.	4.6	57
80	Aerosol Delivery of Nanoparticles in Uniform Mannitol Carriers Formulated by Ultrasonic Spray Freeze Drying. Pharmaceutical Research, 2013, 30, 2891-2901.	3.5	55
81	Flow improvement of waxy oils mediated by self-aggregating partially crystallizable diblock copolymers. Journal of Rheology, 2002, 46, 763.	2.6	54
82	Measurement of Forces between Galactomannan Polymer Chains:Â Effect of Hydrogen Bonding. Macromolecules, 2002, 35, 10155-10161.	4.8	52
83	Quantitative measurement of voids formed during liquid impregnation of nonwoven multifilament glass networks using an optical visualization technique. Polymer Engineering and Science, 2004, 32, 319-326.	3.1	52
84	Kinetically Assembled Nanoparticles of Bioactive Macromolecules Exhibit Enhanced Stability and Cellâ€Targeted Biological Efficacy. Advanced Materials, 2012, 24, 733-739.	21.0	52
85	Effects of Organic Solvents on the Scission Energy of Rodlike Micelles. Langmuir, 2004, 20, 8970-8974.	3.5	51
86	Rheology control by modulating hydrophobic and inclusion associations in modified poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	3.8	50
87	A novel production method for inhalable cyclosporine A powders by confined liquid impinging jet precipitation. Journal of Aerosol Science, 2008, 39, 500-509.	3.8	49
88	Singleâ€Step Assembly of Multimodal Imaging Nanocarriers: MRI and Longâ€Wavelength Fluorescence Imaging. Advanced Healthcare Materials, 2015, 4, 1376-1385.	7.6	48
89	Modulating Vibrio cholerae Quorum-Sensing-Controlled Communication Using Autoinducer-Loaded Nanoparticles. Nano Letters, 2015, 15, 2235-2241.	9.1	47
90	Association of hydrophobically-modified poly(ethylene glycol) with fusogenic liposomes. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1616, 184-195.	2.6	46

#	Article	IF	Citations
91	Complexation Behavior of Î±-, Î²-, and Î³-Cyclodextrin in Modulating and Constructing Polymer Networks. Langmuir, 2008, 24, 8290-8296.	3.5	46
92	Soft Multifaced and Patchy Colloids by Constrained Volume Self-Assembly. Macromolecules, 2016, 49, 3580-3585.	4.8	45
93	Hydrophobic Ion Pairing of Peptide Antibiotics for Processing into Controlled Release Nanocarrier Formulations. Molecular Pharmaceutics, 2018, 15, 216-225.	4.6	45
94	Protected Peptide Nanoparticles: Experiments and Brownian Dynamics Simulations of the Energetics of Assembly. Nano Letters, 2009, 9, 2218-2222.	9.1	44
95	Coarse-Grained Simulations of Rapid Assembly Kinetics for Polystyrene-b-poly(ethylene oxide) Copolymers in Aqueous Solutions. Journal of Physical Chemistry B, 2008, 112, 16357-16366.	2.6	43
96	Nanoparticle stability: Processing pathways for solvent removal. Chemical Engineering Science, 2009, 64, 1358-1361.	3.8	43
97	Measurement of the viscosity of guar gum solutions to 50,000 s?1 using a parallel plate rheometer. Polymer Engineering and Science, 1987, 27, 598-602.	3.1	42
98	Effect of Cooling Rate on Crystallization of Model Waxy Oils with Microcrystalline Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	5.1	42
99	Nanoparticle targeting of Gram-positive and Gram-negative bacteria for magnetic-based separations of bacterial pathogens. Applied Nanoscience (Switzerland), 2017, 7, 83-93.	3.1	42
100	Studying AEA interaction in cement systems using tensiometry. Cement and Concrete Research, 2017, 92, 29-36.	11.0	42
101	Design of a Small-Scale Multi-Inlet Vortex Mixer for Scalable Nanoparticle Production and Application to the Encapsulation of Biologics by Inverse Flash NanoPrecipitation. Journal of Pharmaceutical Sciences, 2018, 107, 2465-2471.	3.3	42
102	Novel Laboratory Cell for Fundamental Studies of the Effect of Polymer Additives on Wax Deposition from Model Crude Oilsâ€. Energy & Fuels, 2007, 21, 1301-1308.	5.1	40
103	Optimal structural design of mannosylated nanocarriers for macrophage targeting. Journal of Controlled Release, 2014, 194, 341-349.	9.9	40
104	Scalable Platform for Structured and Hybrid Soft Nanocolloids by Continuous Precipitation in a Confined Environment. Langmuir, 2017, 33, 3444-3449.	3.5	40
105	Flash NanoPrecipitation for the Encapsulation of Hydrophobic and Hydrophilic Compounds in Polymeric Nanoparticles. Journal of Visualized Experiments, 2019, , .	0.3	40
106	Improvement of oil flowability by assembly of combâ€type copolymers with paraffin and asphaltene. AICHE Journal, 2012, 58, 2254-2261.	3.6	39
107	Solids Formation After the Expansion of Supercritical Mixtures. ACS Symposium Series, 1989, , 355-378.	0.5	38
108	Deposition apparatus to study the effects of polymers and asphaltenes upon wax deposition. Journal of Petroleum Science and Engineering, 2010, 72, 166-174.	4.2	38

#	Article	IF	Citations
109	Mechanism of Macromolecular Structure Evolution in Self-Assembled Lipid Nanoparticles for siRNA Delivery. Langmuir, 2014, 30, 4613-4622.	3.5	38
110	Supramolecular polymer assembly in aqueous solution arising from cyclodextrin hostâ€“guest complexation. Beilstein Journal of Organic Chemistry, 2016, 12, 50-72.	2.2	37
111	The use of opposed nozzles configuration in the measurements of the extensional rheological properties of emulsions. Journal of Rheology, 1994, 38, 797-810.	2.6	36
112	Dynamic deformation visualization in swelling of polymer gels. Chemical Engineering Science, 2000, 55, 3335-3340.	3.8	36
113	The dilatational properties of suspensions of gas bubbles in incompressible newtonian and non-newtonian fluids. Journal of Non-Newtonian Fluid Mechanics, 1978, 3, 261-279.	2.4	35
114	Determination of nonionic and partially hydrolyzed polyacrylamide molecular weight distributions using hydrodynamic chromatography. Analytical Chemistry, 1986, 58, 2242-2247.	6.5	35
115	Block copolymer surface coverage on nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 360, 105-110.	4.7	35
116	Ellipsometric observation of the adsorption of sodium dodecyl sulfate. Langmuir, 1988, 4, 140-144.	3.5	34
117	Novel Method for Concentrating and Drying Polymeric Nanoparticles: Hydrogen Bonding Coacervate Precipitation. Molecular Pharmaceutics, 2010, 7, 557-564.	4.6	34
118	Polymeric Networks Assembled by Adamantyl and Î²-Cyclodextrin Substituted Poly(acrylate)s: Hostâ^'Guest Interactions, and the Effects of Ionic Strength and Extent of Substitution. Industrial & Engineering Chemistry Research, 2010, 49, 609-612.	3.7	34
119	Surface tensions of concentrated xanthan and polyacrylamide solutions with added surfactants. Journal of Colloid and Interface Science, 1983, 93, 274-276.	9.4	33
120	A two-component model for the phase behavior of dispersions containing associative polymer. Macromolecules, 1989, 22, 1317-1325.	4.8	33
121	Gelation of "catanionic" vesicles by hydrophobically modified polyelectrolytes. Colloid and Polymer Science, 2002, 280, 783-788.	2.1	33
122	Dynamic surface tension of hydrocarbon and fluorocarbon surfactant solutions using the maximum bubble pressure method. Colloids and Surfaces, 1990, 44, 101-117.	0.9	31
123	Interaction of Hydrophobically Modified Polymers and Surfactant Lamellar Phase. Langmuir, 2001, 17, 5834-5841.	3.5	31
124	Phase behavior and structure formation in linear multiblock copolymer solutions by Monte Carlo simulation. Journal of Chemical Physics, 2008, 128, 164906.	3.0	31
125	Tailoring Polymeric Hydrogels through Cyclodextrin Hostâ€“Guest Complexation. Macromolecular Rapid Communications, 2010, 31, 300-304.	3.9	31
126	A one-step and scalable production route to metal nanocatalyst supported polymer nanospheres via flash nanoprecipitation. Journal of Materials Chemistry A, 2014, 2, 17286-17290.	10.3	30

#	Article	IF	Citations
127	Effect of Spacer Length between Phenyl Pendant and Backbone in Comb Copolymers on Flow Ability of Waxy Oil with Asphaltenes. Industrial & Engineering Chemistry Research, 2017, 56, 12447-12455.	3.7	30
128	Stabilization of Phosphatidylserine/Phosphatidylethanolamine Liposomes with Hydrophilic Polymers Having Multiple â€œSticky Feetâ€• Langmuir, 2001, 17, 7713-7716.	3.5	29
129	Kinetics of Enzymatic Depolymerization of Guar Galactomannan. Biomacromolecules, 2006, 7, 2583-2590.	5.4	29
130	Amphiphilic Nanoparticles Repress Macrophage Atherogenesis: Novel Core/Shell Designs for Scavenger Receptor Targeting and Down-Regulation. Molecular Pharmaceutics, 2014, 11, 2815-2824.	4.6	29
131	Narrow Absorption NIR Wavelength Organic Nanoparticles Enable Multiplexed Photoacoustic Imaging. ACS Applied Materials & Interfaces, 2016, 8, 14379-14388.	8.0	29
132	Amorphous nanoparticles by self-assembly: processing for controlled release of hydrophobic molecules. Soft Matter, 2019, 15, 2400-2410.	2.7	29
133	Assembly of Macrocycle Dye Derivatives into Particles for Fluorescence and Photoacoustic Applications. ACS Combinatorial Science, 2017, 19, 397-406.	3.8	28
134	In-Plane Radial Fluid Flow Characterization of Fibrous Materials. Journal of Thermal Insulation, 1987, 10, 153-172.	0.2	27
135	Novel methods of targeted drug delivery: the potential of multifunctional nanoparticles. Expert Review of Clinical Pharmacology, 2009, 2, 265-282.	3.1	27
136	OPTIMIZED DESCRIPTIVE MODEL FOR MICROMIXING IN A VORTEX MIXER. Chemical Engineering Communications, 2010, 197, 1068-1075.	2.6	27
137	Flow Improvement of Waxy Oils by Modulating Long-Chain Paraffin Crystallization with Comb Polymers: An Observation by X-ray Diffraction. Industrial & Engineering Chemistry Research, 2011, 50, 316-321.	3.7	27
138	Using Flash Nanoprecipitation To Produce Highly Potent and Stable Cellax Nanoparticles from Amphiphilic Polymers Derived from Carboxymethyl Cellulose, Polyethylene Glycol, and Cabazitaxel. Molecular Pharmaceutics, 2017, 14, 3998-4007.	4.6	27
139	Porous mannitol carrier for pulmonary delivery of cyclosporine A nanoparticles. AAPS Journal, 2017, 19, 578-586.	4.4	26
140	Accurate prediction of clathrate hydrate phase equilibria below 300 K from a simple model. Journal of Petroleum Science and Engineering, 2006, 51, 45-53.	4.2	25
141	Flow-Induced Conformational Changes in Gelatin Structure and Colloidal Stabilization. Langmuir, 2008, 24, 9636-9641.	3.5	25
142	Frictional Properties of Surfactant-Coated Rod-Shaped Nanoparticles in Dry and Humid Dodecane. Journal of Physical Chemistry B, 2008, 112, 14395-14401.	2.6	25
143	Synthesis and Evaluation of Clickable Block Copolymers for Targeted Nanoparticle Drug Delivery. Molecular Pharmaceutics, 2012, 9, 2228-2236.	4.6	25
144	The Interpretation of Screen-Factor Measurements. SPE Reservoir Engineering, 1986, 1, 272-276.	0.5	24

#	Article	IF	Citations
145	Spray drying OZ439 nanoparticles to form stable, water-dispersible powders for oral malaria therapy. Journal of Translational Medicine, 2019, 17, 97.	4.4	24
146	Synthesis of Biocompatible Polymeric Hydrogels with Tunable Adhesion to both Hydrophobic and Hydrophilic Surfaces. Biomacromolecules, 2008, 9, 1637-1642.	5.4	23
147	Biodistribution and fate of core-labeled¹²⁵I polymeric nanocarriers prepared by Flash NanoPrecipitation (FNP). Journal of Materials Chemistry B, 2016, 4, 2428-2434.	5.8	23
148	Ultrafiltration of nanoparticle colloids. Journal of Membrane Science, 2017, 538, 41-49.	8.2	23
149	Encapsulation of OZ439 into Nanoparticles for Supersaturated Drug Release in Oral Malaria Therapy. ACS Infectious Diseases, 2018, 4, 970-979.	3.8	23
150	On the Stability of Polymeric Nanoparticles Fabricated through Rapid Solvent Mixing. Langmuir, 2019, 35, 709-717.	3.5	23
151	A one-component model for the phase behavior of dispersions containing associative polymers. Macromolecules, 1990, 23, 3821-3832.	4.8	22
152	A theoretical study of Gemini surfactant phase behavior. Journal of Chemical Physics, 1998, 109, 5651-5658.	3.0	22
153	Antitubercular Nanocarrier Combination Therapy: Formulation Strategies and in Vitro Efficacy for Rifampicin and SQ641. Molecular Pharmaceutics, 2015, 12, 1554-1563.	4.6	22
154	Transmission electron microscopy of gel network morphology: relating network microstructure to mechanical properties. Macromolecules, 1986, 19, 2960-2964.	4.8	21
155	Formation of colloidal TiO2 from organotitanate solutions used to produce crosslinked polymer gels. Journal of Colloid and Interface Science, 1987, 118, 294-296.	9.4	21
156	Surface Rheology of Hydrophobically Modified PEG Polymers Associating with a Phospholipid Monolayer at the Airâ^'Water Interface. Langmuir, 2008, 24, 4056-4064.	3.5	21
157	Combining Precipitation and Vitrification to Control the Number of Surface Patches on Polymer Nanocolloids. Langmuir, 2017, 33, 5835-5842.	3.5	21
158	Solid-State Behavior and Solubilization of Flash Nanoprecipitated Clofazimine Particles during the Dispersion and Digestion of Milk-Based Formulations. Molecular Pharmaceutics, 2019, 16, 2755-2765.	4.6	21
159	Potent Tetrahydroquinolone Eliminates Apicomplexan Parasites. Frontiers in Cellular and Infection Microbiology, 2020, 10, 203.	3.9	21
160	In Silico Design Enables the Rapid Production of Surface-Active Colloidal Amphiphiles. ACS Central Science, 2020, 6, 166-173.	11.3	21
161	Neutron Spinâ^'Echo Study of Dynamics of Hydrophobically Modified Polymer-Doped Surfactant Bilayers. Langmuir, 2002, 18, 6-13.	3.5	20
162	Aggregation and Hostâ€"Guest Interactions in Dansyl-Substituted Poly(acrylate)s in the Presence of Î²-Cyclodextrin and a Î²-Cyclodextrin Dimer in Aqueous Solution: A UVâ€"Vis, Fluorescence, ¹H NMR, and Rheological Study. Macromolecules, 2011, 44, 9782-9791.	4.8	20

#	Article	IF	Citations
163	Summary Report of PQRI Workshop on Nanomaterial in Drug Products: Current Experience and Management of Potential Risks. AAPS Journal, 2015, 17, 44-64.	4.4	20
164	Rapid Recovery of Clofazimine-Loaded Nanoparticles with Long-Term Storage Stability as Anti-Cryptosporidium Therapy. ACS Applied Nano Materials, 2018, 1, 2184-2194.	5.0	20
165	Adsorption and Denaturation of Structured Polymeric Nanoparticles at an Interface. Nano Letters, 2018, 18, 4854-4860.	9.1	20
166	Orientation of Rigid Macromolecules during Hydrodynamic Chromatography Separations. Separation Science and Technology, 1983, 18, 121-134.	2.5	19
167	Gelation Chemistries for the Encapsulation of Nanoparticles in Composite Gel Microparticles for Lung Imaging and Drug Delivery. Biomacromolecules, 2014, 15, 252-261.	5.4	19
168	Composite Fluorescent Nanoparticles for Biomedical Imaging. Molecular Imaging and Biology, 2014, 16, 180-188.	2.6	19
169	A thermosensitive hydrogel carrier for nickel nanoparticles. Colloids and Interface Science Communications, 2015, 4, 1-4.	4.1	19
170	A Scalable Platform for Functional Nanomaterials via Bubbleâ€Bursting. Advanced Materials, 2016, 28, 4047-4052.	21.0	19
171	Real-Time and Multiplexed Photoacoustic Imaging of Internally Normalized Mixed-Targeted Nanoparticles. ACS Biomaterials Science and Engineering, 2017, 3, 443-451.	5.2	19
172	Effect of solvent quality and ions on the rheology and gelation of Î°-carrageenan. Journal of Rheology, 2000, 44, 885-896.	2.6	18
173	Transcranial Photoacoustic Detection of Blood-Brain Barrier Disruption Following Focused Ultrasound-Mediated Nanoparticle Delivery. Molecular Imaging and Biology, 2020, 22, 324-334.	2.6	18
174	Ring currents modulate optoelectronic properties of aromatic chromophores at 25 T. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11289-11298.	7.1	18
175	Insights into Hydrophobic Ion Pairing from Molecular Simulation and Experiment. ACS Nano, 2020, 14, 6097-6106.	14.6	18
176	A new hypothesis for air loss in cement systems containing fly ash. Cement and Concrete Research, 2021, 142, 106352.	11.0	18
177	Molecular-size determination of xanthan polysaccharide. Carbohydrate Research, 1982, 106, 225-233.	2.3	17
178	The effect of fluid elasticity on power consumption and mixing times in stirred tanks. Chemical Engineering Science, 1985, 40, 1495-1505.	3.8	17
179	Low field theory of polymer transient electric birefringence. Journal of Chemical Physics, 1992, 96, 7135-7143.	3.0	17
180	Shear thinning in ternary bicontinuous and water-in-oil microemulsions. AICHE Journal, 1995, 41, 677-682.	3.6	17

#	Article	IF	Citations
181	Degradable phosphazene-crosslinked hydrogels. Journal of Controlled Release, 1996, 40, 261-267.	9.9	17
182	Interaction of Surfactant Lamellar Phase and a Strictly Alternating Comb-Graft Amphiphilic Polymer Based on PEG. Langmuir, 2001, 17, 6692-6698.	3.5	17
183	Determining drug release rates of hydrophobic compounds from nanocarriers. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150128.	3.4	17
184	Copper Loading of Preformed Nanoparticles for PET-Imaging Applications. ACS Applied Materials & Interfaces, 2018, 10, 3191-3199.	8.0	17
185	A Novel Bivalent Mannosylated Targeting Ligand Displayed on Nanoparticles Selectively Targets Anti-Inflammatory M2 Macrophages. Pharmaceutics, 2020, 12, 243.	4.5	17
186	Effect of photobleaching on the output of an on-column laser fluorescence detector. Industrial & Engineering Chemistry Research, 1987, 26, 1449-1454.	3.7	16
187	Viscosity Measurements in the Presence of Wall Slip in Capillary, Couette, And Parallei-Disk Geometries. SPE Reservoir Engineering, 1988, 3, 735-742.	0.5	16
188	Diagnostic techniques of mixing effectiveness: the effect of shear and elongation in drop production in mixing tanks. Chemical Engineering Science, 1992, 47, 1401-1410.	3.8	16
189	Quantifying deformation in gel swelling: Experiments and simulations. AICHE Journal, 2000, 46, 2128-2139.	3.6	16
190	Nanoprecipitation of Pharmaceuticals Using Mixing and Block Copolymer Stabilization. ACS Symposium Series, 2006, , 278-291.	0.5	16
191	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
192	Rheo-optical Analysis of Functionalized Graphene Suspensions. Langmuir, 2018, 34, 7844-7851.	3.5	16
193	Highly loaded nanoparticulate formulation of progesterone for emergency traumatic brain injury treatment. Therapeutic Delivery, 2012, 3, 1269-1279.	2.2	15
194	Hostâ€“guest chemistry of linked Î²-cyclodextrin trimers and adamantyl substituted poly(acrylate)s in aqueous solution. Polymer Chemistry, 2013, 4, 820-829.	3.9	15
195	Polymeric Nanocarrier Formulations of Biologics Using Inverse Flash NanoPrecipitation. AAPS Journal, 2020, 22, 18.	4.4	15
196	Electric birefringence measurements of native, denatured, and renatured xanthan. Journal of Applied Polymer Science, 1987, 33, 825-834.	2.6	14
197	FOAM BUBBLE SIZE MEASURED USING IMAGE ANALYSIS BEFORE AND AFTER PASSAGE THROUGH A POROUS MEDIUM. Journal of Dispersion Science and Technology, 1989, 10, 785-793.	2.4	14
198	Relationship Between Poly(acrylic acid) Gel Structure and Synthesis. ACS Symposium Series, 1992, , 91-113.	0.5	14

#	Article	IF	Citations
199	Polymeric Nanocarriers With Mucus-Diffusive and Mucus-Adhesive Properties to Control Pharmacokinetic Behavior of Orally Dosed Cyclosporine A. Journal of Pharmaceutical Sciences, 2020, 109, 1079-1085.	3.3	14
200	Characterization of voids formed during liquid impregnation of non-woven multifilament glass networks as related to composite processing. Composites Manufacturing, 1993, 4, 199-207.	0.2	13
201	Biocompatible Nanoparticle Based on Dextran-b-Poly(<scp>l</scp>-lactide) Block Copolymer Formed by Flash Nanoprecipitation. Chemistry Letters, 2015, 44, 1688-1690.	1.3	13
202	Responsive foams for nanoparticle delivery. Colloids and Surfaces B: Biointerfaces, 2015, 133, 81-87.	5.0	13
203	Internal liquid crystal structures in nanocarriers containing drug hydrophobic ion pairs dictate drug release. Journal of Colloid and Interface Science, 2021, 582, 815-824.	9.4	13
204	Formulation of long-wavelength indocyanine green nanocarriers. Journal of Biomedical Optics, 2017, 22, 1.	2.6	13
205	Tunable polymeric hydrogels assembled by competitive complexation between cyclodextrin dimers and adamantyl substituted poly(acrylate)s. AICHE Journal, 2010, 56, 3021-3024.	3.6	12
206	Photocrosslinking the polystyrene core of block-copolymer nanoparticles. Polymer Chemistry, 2011, 2, 665-671.	3.9	12
207	New nano-matrix oral formulation of nanoprecipitated cyclosporine A prepared with multi-inlet vortex mixer. International Journal of Pharmaceutics, 2017, 516, 116-119.	5.2	12
208	Visualization of Surfactant Dynamics to and along Oilâ€“Water Interfaces Using Solvatochromic Fluorescent Surfactants. Langmuir, 2018, 34, 10512-10522.	3.5	12
209	Flow Behavior of Oil-in-Water Emulsions. Nihon Reoroji Gakkaishi, 1992, 20, 125-131.	1.0	11
210	Pseudomonas aeruginosa pyocyanin production reduced by quorum-sensing inhibiting nanocarriers. International Journal of Pharmaceutics, 2018, 544, 75-82.	5.2	11
211	Contamination of Oil-Well Cement with Conventional and Microemulsion Spacers. SPE Journal, 2020, 25, 3002-3016.	3.1	11
212	Processing Chitosan for Preparing Chitosan-Functionalized Nanoparticles by Polyelectrolyte Adsorption. Langmuir, 2021, 37, 8517-8524.	3.5	11
213	TweenÂ® Preserves Enzyme Activity and Stability in PLGA Nanoparticles. Nanomaterials, 2021, 11, 2946.	4.1	11
214	Development of an In Vitro Release Assay for Low-Density Cannabidiol Nanoparticles Prepared by Flash NanoPrecipitation. Molecular Pharmaceutics, 2022, 19, 1515-1525.	4.6	11
215	Orientation dynamics of dilute functionalized graphene suspensions in oscillatory flow. Physical Review Fluids, 2018, 3, .	2.5	10
216	Absorption length for photon propagation in highly dense colloidal dispersions. Journal of Materials Research, 1998, 13, 3463-3467.	2.6	9

#	Article	IF	Citations
217	Syneresis of Carrageenan Gels: NMR and Rheology. Soft Materials, 2004, 2, 145-153.	1.7	9
218	Aggregation of Hydrophobic Substituents of Poly(acrylate)s and Their Competitive Complexation by Î²- and Î³-Cyclodextrins and Their Linked Dimers in Aqueous Solution. Industrial & Engineering Chemistry Research, 2011, 50, 7566-7571.	3.7	9
219	Biopharmaceutical Evaluation of Novel Cyclosporine A Nano-matrix Particles for Inhalation. Pharmaceutical Research, 2016, 33, 2107-2116.	3.5	9
220	Efficient preparation of size tunable PEGylated gold nanoparticles. Journal of Materials Chemistry B, 2016, 4, 4813-4817.	5.8	9
221	Adsorption dynamics of polymeric nanoparticles at an air-water interface with addition of surfactants. Journal of Colloid and Interface Science, 2020, 575, 416-424.	9.4	9
222	Encapsulation and Controlled Release of a Camptothecin Prodrug from Nanocarriers and Microgels: Tuning Release Rate with Nanocarrier Excipient Composition. Molecular Pharmaceutics, 2021, 18, 1093-1101.	4.6	9
223	Microfluidic Technology for the Production of Hybrid Nanomedicines. Pharmaceutics, 2021, 13, 1495.	4.5	9
224	CHARACTERIZATION OF FOAM CELL SIZE AND FOAM QUALITY USING FACTORIAL DESIGN ANALYSES. Journal of Dispersion Science and Technology, 1987, 8, 55-73.	2.4	8
225	Orientation and relaxation of nonlinear elastic dumbbells in electric fields: Modeling transient electric birefringence. Journal of Chemical Physics, 1988, 89, 5943-5949.	3.0	8
226	An assessment of the PadÃ©-Laplace method for transient electric birefringence decay analysis. Computers & Chemistry, 1992, 16, 249-259.	1.2	8
227	Steric effects and competitive intraâ€•and intermolecular hostâ€guest complexation between betaâ€cyclodextrin and adamantyl substituted poly(acrylate)s in water: A ¹H NMR, rheological and preparative study. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 1818-1825.	2.1	8
228	Block Copolymer Nanoparticles as Nanobeads for the Polymerase Chain Reaction. Nano Letters, 2011, 11, 1723-1726.	9.1	8
229	Reversible photo-responsive vesicle based on the complexation between an azobenzene containing molecule and Î±-cyclodextrin. RSC Advances, 2015, 5, 32846-32852.	3.6	8
230	A Computational Study of the Ionic Liquid-Induced Destabilization of the Miniprotein Trp-Cage. Journal of Physical Chemistry B, 2018, 122, 5707-5715.	2.6	8
231	Chemistry and Geometry of Counterions Used in Hydrophobic Ion Pairing Control Internal Liquid Crystal Phase Behavior and Thereby Drug Release. Molecular Pharmaceutics, 2021, 18, 1666-1676.	4.6	8
232	Sustained release of peptides and proteins from polymeric nanocarriers produced by inverse Flash NanoPrecipitation. Journal of Controlled Release, 2021, 334, 11-20.	9.9	8
233	Homogeneous nucleation temperatures for concentrated polystyrene/benzene solutions. Journal of Polymer Science, Polymer Symposia, 1985, 72, 263-275.	0.1	7
234	Automated system for the characterization of liquid foam. Review of Scientific Instruments, 1985, 56, 746-751.	1.3	7

#	Article	IF	Citations
235	TRANSMISSION ELECTRON MICROSCOPY OF AQUEOUS POLYMER GEL NETWORK MORPHOLOGY. Chemical Engineering Communications, 1987, 52, 283-289.	2.6	7
236	Production of monodisperse 5- to 40-Î¼m polystyrene spheres. Journal of Colloid and Interface Science, 1988, 122, 283-287.	9.4	7
237	Microencapsulation of Aqueous Compounds Using Hexamethylenediamine and Trimesoyl Chloride: Monodisperse Capsule Formation and Reaction Conditions on Membrane Properties. Industrial & Engineering Chemistry Research, 2014, 53, 8484-8492.	3.7	7
238	Alternative vaccine administration by powder injection: Needle-free dermal delivery of the glycoconjugate meningococcal group Y vaccine. PLoS ONE, 2017, 12, e0183427.	2.5	7
239	Quenched hexacene optoacoustic nanoparticles. Journal of Materials Chemistry B, 2018, 6, 44-55.	5.8	7
240	Synthesis of Heterobifunctional Thiolâ€poly(lactic acid)â€•b â€poly(ethylene glycol)â€hydroxyl for Nanoparticle Drug Delivery Applications. Macromolecular Chemistry and Physics, 2020, 221, 1900396.	2.2	7
241	Highly-loaded protein nanocarriers prepared by Flash NanoPrecipitation with hydrophobic ion pairing. International Journal of Pharmaceutics, 2021, 601, 120397.	5.2	7
242	Effect of Hydrophobically Modified Polymers on Shear-Induced Multilamellar Vesicles. Langmuir, 2005, 21, 10038-10045.	3.5	6
243	Using Light to Covalently Immobilize and Pattern Nanoparticles onto Surfaces. Langmuir, 2012, 28, 10934-10941.	3.5	6
244	Inhomogeneous flows of guar/metal ion gels observed by laser Doppler anemometry and rheological measurements. Journal of Rheology, 1994, 38, 217-230.	2.6	5
245	Fluctuations of bare membranes and their modification on incorporation of polymers having equally spaced anchors. Physica B: Condensed Matter, 2004, 350, 217-219.	2.7	5
246	Cross-Linking Protein Glutathionylation Mediated by O2-Arylated Bis-Diazeniumdiolate â€œDouble JS-Kâ€• Chemical Research in Toxicology, 2012, 25, 2670-2677.	3.3	5
247	Complexation of dodecyl-substituted poly(acrylate) by linked Î²-cyclodextrin dimers and trimers in aqueous solution. Journal of Polymer Science Part A, 2015, 53, 1278-1286.	2.3	5
248	Inverse Flash NanoPrecipitation for Biologics Encapsulation: Nanoparticle Formation and Ionic Stabilization in Organic Solvents. ACS Symposium Series, 2017, , 249-274.	0.5	5
249	Preparation of PEGylated Iodineâ€Loaded Nanoparticles via Polymerâ€Directed Selfâ€Assembly. Macromolecular Chemistry and Physics, 2018, 219, 1700592.	2.2	5
250	Detection of microgels in polyacrylamide solutions using microcapillary flow analysis. Journal of Applied Polymer Science, 1987, 33, 693-702.	2.6	4
251	Effect of Dynamic Surface Tension on Foam Flow Through Fibrous Materials. Textile Reseach Journal, 1991, 61, 47-57.	2.2	4
252	Flow behavior of oilâ€•inâ€•water emulsions. Journal of Rheology, 1993, 37, 561-561.	2.6	4

#	Article	IF	Citations
253	Electric birefringence of flexible polymers in high fields: Brownian dynamics simulation. Journal of Chemical Physics, 1994, 100, 2289-2297.	3.0	4
254	Stability and behavior of a comb-graft copolymer stabilizing a thin oil emulsion film. Polymers for Advanced Technologies, 2001, 12, 70-84.	3.2	4
255	Polymer-Protected Liposomes: Association of Hydrophobically-Modified PEG with Liposomes. ACS Symposium Series, 2006, , 95-120.	0.5	4
256	TRANSLATIONAL AND ROTATIONAL DIFFUSION OF GLOBULAR PROTEINS IN CONCENTRATED POLYMER NETWORKS. Soft Materials, 2009, 7, 213-231.	1.7	4
257	Effervescent redispersion of lyophilized polymeric nanoparticles. Therapeutic Delivery, 2013, 4, 177-190.	2.2	4
258	Investigation of the Local Environment of Hydrophobic End Groups on Polyethylene Glycol (PEG) Brushes Using Fluorometry: Relationship to Click Chemistry Conjugation Reactions on PEG-Protected Nanoparticles. ACS Macro Letters, 2015, 4, 521-525.	4.8	4
259	Red-emitting, EtTP-5-based organic nanoprobes for two-photon imaging in 3D multicellular biological models. RSC Advances, 2016, 6, 65770-65774.	3.6	4
260	Inverse Flash NanoPrecipitation for Biologics Encapsulation: Understanding Process Losses via an Extraction Protocol. ACS Symposium Series, 2017, , 275-296.	0.5	4
261	Binary small molecule organic nanoparticles exhibit both direct and diffusion-limited ultrafast charge transfer with NIR excitation. Nanoscale, 2019, 11, 2385-2392.	5.6	4
262	Reversible pH-Driven Flocculation of Amphiphilic Polyelectrolyte-Coated Nanoparticles for Rapid Filtration and Concentration. ACS Applied Nano Materials, 2021, 4, 8690-8698.	5.0	4
263	Clofazimine-Loaded Mucoadhesive Nanoparticles Prepared by Flash Nanoprecipitation for Strategic Intestinal Delivery. Pharmaceutical Research, 2021, 38, 2109-2118.	3.5	4
264	Flow behavior of a surfactantâ€"oilâ€"water system. Colloids and Surfaces, 1989, 40, 125-136.	0.9	3
265	Reaction-Diffusion of Enzyme Molecules in Biopolymer Matrices. ACS Symposium Series, 2002, , 265-284.	0.5	3
266	Millisecond Self-Assembly of Stable Nanodispersed Drug Formulations. Molecular Pharmaceutics, 2018, 15, 495-507.	4.6	3
267	Kinetics of Nanoparticle Radiolabeling of Metalloporphyrin with ⁶⁴Cu for Positron Emission Tomography (PET) Imaging. Industrial & Engineering Chemistry Research, 2020, 59, 19126-19132.	3.7	3
268	Measurement of the Modulus and Yield Strength of Soft Gels: Experiments and Numerical Simulation. Journal of Rheology, 1989, 33, 317-327.	2.6	2
269	Rheological Measurements. ACS Symposium Series, 1991, , 18-47.	0.5	2
270	DROP PRODUCTION IN COUETTE AND MEDIA MILL DEVICES. Chemical Engineering Communications, 1991, 109, 109-124.	2.6	2

#	Article	IF	Citations
271	Targeted Theragnostic Nanoparticles Via Flash Nanoprecipitation: Principles of Material Selection. , 2016, , 55-85.		2
272	Transient Electric Birefringence of Linear and Circular DNA: A Comparison of Kinetic Theory Predictions. Journal of Physical Chemistry B, 2021, 125, 8944-8952.	2.6	2
273	Adsorption characteristics of charged and nonionic small molecules to colloidal alumina. Journal of Colloid and Interface Science, 2018, 512, 29-38.	9.4	2
274	A rheometer for concentrated polymer solutions containing volatile solvents. Polymer Engineering and Science, 1987, 27, 294-302.	3.1	1
275	Analysis of radius variations in microcapillaries using the velocity of a viscous polymer plug and fluorescence photobleaching velocity detection. Journal of Chromatography A, 1987, 389, 236-239.	3.7	1
276	Stability of Protein Structure during Nanocarrier Encapsulation: Insights on Solvent Effects from Simulations and Spectroscopic Analysis. ACS Nano, 2020, 14, 16962-16972.	14.6	1
277	Small-volume in vitro lipid digestion measurements for assessing drug dissolution in lipid-based formulations using SAXS. International Journal of Pharmaceutics: X, 2022, 4, 100113.	1.6	1
278	RHEOLOGY OF SOLUTIONS OF INTERACTING MICELLES AND POLYMER CHAINS. Chemical Engineering Communications, 1982, 16, 45-52.	2.6	0
279	Salt Partitioning in Polyelectrolyte Gelâ€"Solution Systems. ACS Symposium Series, 1993, , 157-170.	0.5	0
280	Diffusion of Dendritic Polymers Through Concentrated Polymer Solutions. Materials Research Society Symposia Proceedings, 2000, 662, 1.	0.1	0
281	Dissolution and Gelation of Î²-Carrageenan. ACS Symposium Series, 2001, , 86-101.	0.5	0
282	A Novel Associative Polymer Network based on Cyclodextrin Inclusion with Tunable Rheological Properties. Materials Research Society Symposia Proceedings, 2006, 947, 1.	0.1	0
283	Protein Diffusion through Polymer Meshes As Observed by Pulsed-Field Gradient NMR. , 2007, , .		0
284	Polymers in Nano Pharmaceutical Materials. ACS Symposium Series, 2010, , 25-45.	0.5	0