

# Yeshayahu Talmon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7111162/publications.pdf>

Version: 2024-02-01

316  
papers

21,248  
citations

11908

72  
h-index

14012

133  
g-index

321  
all docs

321  
docs citations

321  
times ranked

22161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular vesicle glucose transporter-1 and glycan features in monocyte-endothelial inflammatory interactions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 42, 102515.	1.7	13
2	Effects of Adipose-Derived Biogenic Nanoparticle-Associated microRNA-451a on Toll-like Receptor 4-Induced Cytokines. <i>Pharmaceutics</i> , 2022, 14, 16.	2.0	15
3	Considerations for extracellular vesicle and lipoprotein interactions in cell culture assays. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12202.	5.5	33
4	Versatile acid solvents for pristine carbon nanotube assembly. <i>Science Advances</i> , 2022, 8, eabm3285.	4.7	15
5	Liquid crystals of neat boron nitride nanotubes and their assembly into ordered macroscopic materials. <i>Nature Communications</i> , 2022, 13, .	5.8	16
6	Revisiting the dissolution of cellulose in H <sub>3</sub> PO <sub>4</sub> (aq) through cryo-TEM, PTsNMR and DWS. <i>Carbohydrate Polymers</i> , 2021, 252, 117122.	5.1	10
7	Enhanced ordering in length-polydisperse carbon nanotube solutions at high concentrations as revealed by small angle X-ray scattering. <i>Soft Matter</i> , 2021, 17, 5122-5130.	1.2	4
8	Cellulose-stabilized oil-in-water emulsions: Structural features, microrheology, and stability. <i>Carbohydrate Polymers</i> , 2021, 252, 117092.	5.1	26
9	Salt-Dependent Structure in Methylcellulose Fibrillar Gels. <i>Macromolecules</i> , 2021, 54, 2090-2100.	2.2	7
10	Modification of the Co-assembly Behavior of Double-Hydrophilic Block Polyelectrolytes by Hydrophobic Terminal Groups: Ordered Nanostructures with Interpolyelectrolyte Complex Domains. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1956-1963.	2.0	5
11	Extending Cryo-EM to Nonaqueous Liquid Systems. <i>Accounts of Chemical Research</i> , 2021, 54, 2100-2109.	7.6	18
12	pH-responsive polymersome-mediated delivery of doxorubicin into tumor sites enhances the therapeutic efficacy and reduces cardiotoxic effects. <i>Journal of Controlled Release</i> , 2021, 332, 529-538.	4.8	32
13	Using Microemulsions: Formulation Based on Knowledge of Their Mesostructure. <i>Chemical Reviews</i> , 2021, 121, 5671-5740.	23.0	88
14	Physicochemical characterization of green sodium oleate-based formulations. Part 1. Structure and rheology. <i>Journal of Colloid and Interface Science</i> , 2021, 590, 238-248.	5.0	10
15	Cryogenic Electron Microscopy Methodologies as Analytical Tools for the Study of Self-Assembled Pharmaceutics. <i>Pharmaceutics</i> , 2021, 13, 1015.	2.0	11
16	Understanding the Exfoliation and Dispersion of Hexagonal Boron Nitride Nanosheets by Surfactants: Implications for Antibacterial and Thermally Resistant Coatings. <i>ACS Applied Nano Materials</i> , 2021, 4, 142-151.	2.4	20
17	Internal Structure of Methylcellulose Fibrils. <i>Macromolecules</i> , 2020, 53, 398-405.	2.2	22
18	Effect of Carbon Nanotube Diameter and Stiffness on Their Phase Behavior in Crowded Solutions. <i>Langmuir</i> , 2020, 36, 242-249.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Structure elucidation of silica-based core-shell microencapsulated drugs for topical applications by cryogenic scanning electron microscopy. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 778-785.	5.0	11
20	Micrograph contrast in low-voltage SEM and cryo-SEM. <i>Ultramicroscopy</i> , 2020, 218, 113085.	0.8	18
21	Uncommon Structures of Oppositely Charged Hyaluronan/Surfactant Assemblies under Physiological Conditions. <i>Biomacromolecules</i> , 2020, 21, 3498-3511.	2.6	7
22	Brain metastases-derived extracellular vesicles induce binding and aggregation of low-density lipoprotein. <i>Journal of Nanobiotechnology</i> , 2020, 18, 162.	4.2	45
23	Effect of Polymer Architecture on the Phase Behavior and Structure of Polyelectrolyte/Microemulsion Complexes (PEMECs). <i>Macromolecules</i> , 2020, 53, 4055-4067.	2.2	8
24	Adipose-Derived Biogenic Nanoparticles for Suppression of Inflammation. <i>Small</i> , 2020, 16, e1904064.	5.2	53
25	Emulsion copolymerization of vinylidene fluoride (VDF) with perfluoromethyl vinyl ether (PMVE). <i>Polymer Chemistry</i> , 2020, 11, 2430-2440.	1.9	8
26	Multifunctional cubic liquid crystalline nanoparticles for chemo- and photodynamic synergistic cancer therapy. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 674-680.	1.6	18
27	Visualizing cell-aden fibrin-based hydrogels using cryogenic scanning electron microscopy and confocal microscopy. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 587-598.	1.3	8
28	Surfactant-assisted individualization and dispersion of boron nitride nanotubes. <i>Nanoscale Advances</i> , 2019, 1, 1096-1103.	2.2	38
29	Scalable Purification of Boron Nitride Nanotubes via Wet Thermal Etching. <i>Chemistry of Materials</i> , 2019, 31, 1520-1527.	3.2	38
30	Highly Concentrated Aqueous Dispersions of Carbon Nanotubes for Flexible and Conductive Fibers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 3554-3560.	1.8	17
31	Effects of Low- and High-Dose Chemotherapy Agents on Thrombogenic Properties of Extracellular Vesicles Derived from Breast Cancer Cell Lines. <i>Thrombosis and Haemostasis</i> , 2018, 118, 480-489.	1.8	9
32	Tuning the solubilization behavior of the CTAB/C9OH-C12OH micellar system with quaternary ammonium salts. <i>Colloid and Polymer Science</i> , 2018, 296, 595-606.	1.0	2
33	Extraction of Boron Nitride Nanotubes and Fabrication of Macroscopic Articles Using Chlorosulfonic Acid. <i>Nano Letters</i> , 2018, 18, 1615-1619.	4.5	27
34	Structure-Property Relations in Carbon Nanotube Fibers by Downscaling Solution Processing. <i>Advanced Materials</i> , 2018, 30, 1704482.	11.1	99
35	Polymer-free cubosomes for simultaneous bioimaging and photodynamic action of photosensitizers in melanoma skin cancer cells. <i>Journal of Colloid and Interface Science</i> , 2018, 522, 163-173.	5.0	60
36	Fluorinated 2-Alkyl-2-oxazolines of High Reactivity: Spacer-Length-Induced Acceleration for Cationic Ring-Opening Polymerization As a Basis for Triphilic Block Copolymer Synthesis. <i>ACS Macro Letters</i> , 2018, 7, 7-10.	2.3	15

#	ARTICLE	IF	CITATIONS
37	New Insights on the Role of Urea on the Dissolution and Thermally-Induced Gelation of Cellulose in Aqueous Alkali. <i>Gels</i> , 2018, 4, 87.	2.1	29
38	Pathological transitions in myelin membranes driven by environmental and multiple sclerosis conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11156-11161.	3.3	18
39	A degradable fluorinated surfactant for emulsion polymerization of vinylidene fluoride. <i>Chemical Communications</i> , 2018, 54, 11399-11402.	2.2	25
40	Quantification of Carbon Nanotube Liquid Crystal Morphology via Neutron Scattering. <i>Macromolecules</i> , 2018, 51, 6892-6900.	2.2	9
41	Fluorophilic/Lipophilic/Hydrophilic Poly(2-oxazoline) Block Copolymers as MRI Contrast Agents: From Synthesis to Self-Assembly. <i>Macromolecules</i> , 2018, 51, 6047-6056.	2.2	18
42	Theranostic hexosomes for cancer treatments: an in vitro study. <i>New Journal of Chemistry</i> , 2017, 41, 1558-1565.	1.4	32
43	An amphiphilic poly(vinylidene fluoride)-b-poly(vinyl alcohol) block copolymer: synthesis and self-assembly in water. <i>Polymer Chemistry</i> , 2017, 8, 1125-1128.	1.9	40
44	A direct-imaging cryo-EM study of shedding extracellular vesicles from leukemic monocytes. <i>Journal of Structural Biology</i> , 2017, 198, 177-185.	1.3	44
45	Complex, Dynamic Behavior of Extremely Asymmetric Di- <i>n</i> -Alkylphosphate-Anion Aggregates, the Long-Chain Effect and the Role of a Limiting Size: Cryo-TEM, SANS, and X-Ray Diffraction Studies. <i>Journal of Physical Chemistry B</i> , 2017, 121, 4099-4114.	1.2	5
46	Unusual temperature gap in turbulent drag reduction of cationic surfactants with mixed counterions. <i>Rheologica Acta</i> , 2017, 56, 409-414.	1.1	2
47	Direct Imaging of Carbon Nanotube Liquid-Crystalline Phase Development in True Solutions. <i>Langmuir</i> , 2017, 33, 4011-4018.	1.6	24
48	Cubosomes for in vivo fluorescence lifetime imaging. <i>Nanotechnology</i> , 2017, 28, 055102.	1.3	44
49	Dissolution and Characterization of Boron Nitride Nanotubes in Superacid. <i>Langmuir</i> , 2017, 33, 14340-14346.	1.6	25
50	Simple peptide coacervates adapted for rapid pressure-sensitive wet adhesion. <i>Soft Matter</i> , 2017, 13, 9122-9131.	1.2	29
51	Complexes of star-shaped cationic polyelectrolytes with anionic liposomes: Towards multi-liposomal assemblies with controllable stability. <i>Polymer</i> , 2016, 93, 198-203.	1.8	9
52	Micellar Growth in Cetylpyridinium Chloride/Alcohol System: Role of Long Chain Alcohol, Electrolyte and Surfactant Head Group. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 849-860.	1.0	15
53	Comparison of the effects of methyl- and chloro-substituted salicylate counterions on drag reduction and rheological behavior and micellar formation of a cationic surfactant. <i>Rheologica Acta</i> , 2016, 55, 117-123.	1.1	10
54	Dual-Responsive Lipid Nanotubes: Two-Way Morphology Control by pH and Redox Effects. <i>Langmuir</i> , 2016, 32, 5324-5332.	1.6	12

#	ARTICLE	IF	CITATIONS
55	Effect of Polyelectrolyte Stiffness and Solution pH on the Nanostructure of Complexes Formed by Cationic Amphiphiles and Negatively Charged Polyelectrolytes. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5907-5915.	1.2	16
56	Structural Transition in Myelin Membrane as Initiator of Multiple Sclerosis. <i>Journal of the American Chemical Society</i> , 2016, 138, 12159-12165.	6.6	34
57	Spontaneous structural transition and crystal formation in minimal supramolecular polymer model. <i>Science Advances</i> , 2016, 2, e1500827.	4.7	62
58	Cryo-Imaging of Hydrogels Supermolecular Structure. <i>Scientific Reports</i> , 2016, 6, 25495.	1.6	49
59	Biom mineralization pathways in a foraminifer revealed using a novel correlative cryo-fluorescence-SEM-EDS technique. <i>Journal of Structural Biology</i> , 2016, 196, 155-163.	1.3	34
60	Relationship of Extensional Viscosity and Liquid Crystalline Transition to Length Distribution in Carbon Nanotube Solutions. <i>Macromolecules</i> , 2016, 49, 681-689.	2.2	57
61	An amphiphilic PEG-b-PFPE-b-PEG triblock copolymer: synthesis by CuAAC click chemistry and self-assembly in water. <i>Polymer Chemistry</i> , 2016, 7, 402-409.	1.9	27
62	Transport of membrane-bound mineral particles in blood vessels during chicken embryonic bone development. <i>Bone</i> , 2016, 83, 65-72.	1.4	62
63	In vitro imaging of $\hat{1}^2$ -cells using fluorescent cubic bicontinuous liquid crystalline nanoparticles. <i>RSC Advances</i> , 2016, 6, 62119-62127.	1.7	11
64	Dual-responsive lipid nanotubes: two-way morphology control by pH and redox effects. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s407-s407.	0.0	0
65	Metastability in lipid based particles exhibits temporally deterministic and controllable behavior. <i>Scientific Reports</i> , 2015, 5, 9481.	1.6	16
66	Cryogenic-temperature electron microscopy direct imaging of carbon nanotubes and graphene solutions in superacids. <i>Journal of Microscopy</i> , 2015, 259, 16-25.	0.8	18
67	A cryogenic-electron microscopy study of the one-phase corridor in the phase diagram of a nonionic surfactant-based microemulsion system. <i>Colloid and Polymer Science</i> , 2015, 293, 3189-3197.	1.0	9
68	Biodegradable containers composed of anionic liposomes and cationic polypeptide vesicles. <i>RSC Advances</i> , 2015, 5, 98687-98691.	1.7	15
69	Micellar solution with pH responsive viscoelasticity and colour switching property. <i>RSC Advances</i> , 2015, 5, 11397-11404.	1.7	18
70	Solvatochromic fluorescent BODIPY derivative as imaging agent in camptothecin loaded hexosomes for possible theranostic applications. <i>RSC Advances</i> , 2015, 5, 23443-23449.	1.7	34
71	Distinctive effect of maleic acid and fumaric acid on structural transitions in cationic micellar solution. <i>Colloid and Polymer Science</i> , 2015, 293, 1383-1390.	1.0	1
72	pH-switchable structural evolution in aqueous surfactant-aromatic dibasic acid system. <i>European Physical Journal E</i> , 2015, 38, 4.	0.7	26

#	ARTICLE	IF	CITATIONS
73	Cubosome formulations stabilized by a dansyl-conjugated block copolymer for possible nanomedicine applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 129, 87-94.	2.5	62
74	Multi-liposomal containers. <i>Advances in Colloid and Interface Science</i> , 2015, 226, 54-64.	7.0	28
75	High-performance mussel-inspired adhesives of reduced complexity. <i>Nature Communications</i> , 2015, 6, 8663.	5.8	245
76	Docetaxel-Loaded Fluorescent Liquid-Crystalline Nanoparticles for Cancer Theranostics. <i>Langmuir</i> , 2015, 31, 9566-9575.	1.6	70
77	The study of nanostructured liquids by cryogenic-temperature electron microscopy – A status report. <i>Journal of Molecular Liquids</i> , 2015, 210, 2-8.	2.3	34
78	Microstructural transition of aqueous CTAB micelles in the presence of long chain alcohols. <i>RSC Advances</i> , 2015, 5, 12434-12441.	1.7	35
79	Capacious and programmable multi-liposomal carriers. <i>Nanoscale</i> , 2015, 7, 1635-1641.	2.8	34
80	Hydrogels from phospholipid vesicles. <i>Advances in Colloid and Interface Science</i> , 2014, 208, 252-263.	7.0	10
81	Crystalline nanoparticle aggregation in non-aqueous solvents. <i>CrystEngComm</i> , 2014, 16, 1472-1481.	1.3	28
82	Statistical Length Measurement Method by Direct Imaging of Carbon Nanotubes. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 6139-6146.	4.0	15
83	Complexes between Anionic Liposomes and Spherical Polycationic Brushes. <i>An Assembly of Assemblies. Langmuir</i> , 2014, 30, 2441-2447.	1.6	17
84	A drag reducing surfactant threadlike micelle system with unusual rheological responses to pH. <i>Journal of Colloid and Interface Science</i> , 2014, 418, 95-102.	5.0	41
85	Cancer-Cell-Targeted Theranostic Cubosomes. <i>Langmuir</i> , 2014, 30, 6228-6236.	1.6	95
86	Nanostructure Formation in the Lecithin/Isooctane/Water System. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9558-9567.	1.2	17
87	Lipid Segregation in Membranes of Anionic Liposomes Adsorbed onto Polycationic Brushes. <i>Chemistry - A European Journal</i> , 2013, 19, 13674-13678.	1.7	18
88	Strong, Light, Multifunctional Fibers of Carbon Nanotubes with Ultrahigh Conductivity. <i>Science</i> , 2013, 339, 182-186.	6.0	1,138
89	Physicochemical and rheological properties of a novel monoolein-based vesicle gel. <i>Soft Matter</i> , 2013, 9, 921-928.	1.2	30
90	Drug-Loaded Fluorescent Cubosomes: Versatile Nanoparticles for Potential Theranostic Applications. <i>Langmuir</i> , 2013, 29, 6673-6679.	1.6	94

#	ARTICLE	IF	CITATIONS
91	Redox-Based Control of the Transformation and Activation of siRNA Complexes in Extracellular Environments Using Ferrocenyl Lipids. <i>Journal of the American Chemical Society</i> , 2013, 135, 9111-9120.	6.6	19
92	Photoreversible Micellar Solution as a Smart Drag-Reducing Fluid for Use in District Heating/Cooling Systems. <i>Langmuir</i> , 2013, 29, 102-109.	1.6	43
93	An OFF-ON chemosensor for biological and environmental applications: sensing Cd <sup>2+</sup> in water using cationic vesicles and in living cells. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7751.	1.5	16
94	Physicochemical, Cytotoxic, and Dermal Release Features of a Novel Cationic Liposome Nanocarrier. <i>Advanced Healthcare Materials</i> , 2013, 2, 692-701.	3.9	38
95	Oral delivery system prolongs blood circulation of docetaxel nanocapsules via lymphatic absorption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17498-17503.	3.3	119
96	Cryogenic Transmission Electron Microscopy Nanostructural Study of Shed Microparticles. <i>PLoS ONE</i> , 2013, 8, e83680.	1.1	69
97	The effect of intercalants on the host liposome. <i>Journal of Liposome Research</i> , 2012, 22, 306-318.	1.5	5
98	<i>In Situ</i> Characterization of Spinel Nanoceramic Suspensions. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3103-3108.	1.9	17
99	Composition and Properties of Complexes between Spherical Polycationic Brushes and Anionic Liposomes. <i>Langmuir</i> , 2012, 28, 16108-16114.	1.6	20
100	Characterization of Block Copolymer Self-Assembly: From Solution to Nanoporous Membranes. <i>Macromolecules</i> , 2012, 45, 9631-9642.	2.2	74
101	Aggregate Structures of Asymmetric Di-Alkyl Phosphate Anions and the Role of Conformations about the Polar Region: SANS, Cryo-TEM, Raman Scattering, <sup>13</sup> C NMR, and Selective NOE Studies. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3538-3550.	1.2	6
102	Microemulsions with a HIPME (High Internal Phase Microemulsion) Structure. <i>Journal of Physical Chemistry B</i> , 2012, 116, 2131-2137.	1.2	20
103	Chemical oxidation of a redox-active, ferrocene-containing cationic lipid: Influence on interactions with DNA and characterization in the context of cell transfection. <i>Journal of Colloid and Interface Science</i> , 2012, 387, 56-64.	5.0	15
104	Direct-Imaging Cryo-SEM of Nanostructure Evolution in Didodecyldimethylammonium Bromide-Based Microemulsions. <i>Zeitschrift Fur Physikalische Chemie</i> , 2012, 226, 665-674.	1.4	12
105	Nanostructure of Complexes Between Cationic Lipids and an Oppositely Charged Polyelectrolyte. <i>Langmuir</i> , 2012, 28, 1668-1672.	1.6	19
106	Styrene- <i>b</i> -vinyl pyridine diblock copolymers: Synthesis by RAFT polymerization and self-assembly in solution and in the bulk. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1636-1644.	2.5	27
107	Colloidal Stabilization of Calcium Carbonate Prenucleation Clusters with Silica. <i>Advanced Functional Materials</i> , 2012, 22, 4301-4311.	7.8	103
108	Cryo-SEM specimen preparation under controlled temperature and concentration conditions. <i>Journal of Microscopy</i> , 2012, 246, 60-69.	0.8	42

#	ARTICLE	IF	CITATIONS
109	Addition of ascorbic acid to the extracellular environment activates lipoplexes of a ferrocenyl lipid and promotes cell transfection. <i>Journal of Controlled Release</i> , 2012, 157, 249-259.	4.8	12
110	Synergistic Effects of Mixed Aromatic Counterions on Nanostructures and Drag Reducing Effectiveness of Aqueous Cationic Surfactant Solutions. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5939-5946.	1.2	18
111	Octanol-Triggered Self-Assemblies of the CTAB/KBr System: A Microstructural Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 464-470.	1.2	61
112	Liposome Fusion Rates Depend upon the Conformation of Polycation Catalysts. <i>Journal of the American Chemical Society</i> , 2011, 133, 2881-2883.	6.6	37
113	Complexation of Anionic Liposomes with Spherical Polycationic Brushes. <i>Langmuir</i> , 2011, 27, 5310-5315.	1.6	14
114	Influence of Biological Media on the Structure and Behavior of Ferrocene-Containing Cationic Lipid/DNA Complexes Used for DNA Delivery. <i>Langmuir</i> , 2011, 27, 6615-6621.	1.6	25
115	Light-Responsive Threadlike Micelles as Drag Reducing Fluids with Enhanced Heat-Transfer Capabilities. <i>Langmuir</i> , 2011, 27, 5806-5813.	1.6	97
116	Direct imaging of carbon nanotubes spontaneously filled with solvent. <i>Chemical Communications</i> , 2011, 47, 1228-1230.	2.2	12
117	The Largest Synthetic Structure with Molecular Precision: Towards a Molecular Object. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 737-740.	7.2	111
118	Comparison of oleyl and elaidyl isomer surfactant counterion systems in drag reduction, rheological properties and nanostructure. <i>Journal of Colloid and Interface Science</i> , 2011, 354, 691-699.	5.0	19
119	Delivery of antisense oligodeoxyribonucleotide lipopolyplex nanoparticles assembled by microfluidic hydrodynamic focusing. <i>Journal of Controlled Release</i> , 2010, 141, 62-69.	4.8	80
120	Polyelectrolyte Stabilized Drug Nanoparticles via Flash Nanoprecipitation: A Model Study With $\beta$ -Carotene. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4295-4306.	1.6	90
121	Spontaneous high-concentration dispersions and liquid crystals of graphene. <i>Nature Nanotechnology</i> , 2010, 5, 406-411.	15.6	532
122	Glycodynamers: Dynamic Polymers Bearing Oligosaccharides Residues $\alpha$ Generation, Structure, Physicochemical, Component Exchange, and Lectin Binding Properties. <i>Journal of the American Chemical Society</i> , 2010, 132, 2573-2584.	6.6	111
123	Liposomes Remain Intact When Complexed with Polycationic Brushes. <i>Journal of the American Chemical Society</i> , 2010, 132, 5948-5949.	6.6	33
124	Targeted Delivery of Antisense Oligodeoxynucleotide by Transferrin Conjugated pH-Sensitive Lipopolyplex Nanoparticles: A Novel Oligonucleotide-Based Therapeutic Strategy in Acute Myeloid Leukemia. <i>Molecular Pharmaceutics</i> , 2010, 7, 196-206.	2.3	38
125	Nanoparticles from Lipid-Based Liquid Crystals: Emulsifier Influence on Morphology and Cytotoxicity. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3518-3525.	1.2	100
126	Self-Assembly of a Fluorocarbon-Hydrocarbon Hybrid Surfactant: Dependence of Morphology on Surfactant Concentration and Time. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13319-13325.	1.2	16



#	ARTICLE	IF	CITATIONS
127	Spontaneous Dissolution of Ultralong Single- and Multiwalled Carbon Nanotubes. <i>ACS Nano</i> , 2010, 4, 3969-3978.	7.3	124
128	Cryo-TEM imaging of a novel microemulsion system of silicone oil with an anionic/nonionic surfactant mixture. <i>Soft Matter</i> , 2010, 6, 5367.	1.2	31
129	Single Nanocrystals of Platinum Prepared by Partial Dissolution of Au-Pt Nanoalloys. <i>Science</i> , 2009, 323, 617-620.	6.0	255
130	True solutions of single-walled carbon nanotubes for assembly into macroscopic materials. <i>Nature Nanotechnology</i> , 2009, 4, 830-834.	15.6	486
131	Polymerized assemblies of cationic gemini surfactants in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2009, 330, 250-253.	5.0	22
132	Small-angle neutron scattering study of shearing effects on drag-reducing surfactant solutions. <i>Journal of Colloid and Interface Science</i> , 2009, 337, 218-226.	5.0	15
133	Transferrin Receptor-Targeted Lipid Nanoparticles for Delivery of an Antisense Oligodeoxyribonucleotide against Bcl-2. <i>Molecular Pharmaceutics</i> , 2009, 6, 221-230.	2.3	86
134	Nanostructures Formed by Self-Assembly of Negatively Charged Polymer and Cationic Surfactants. <i>Langmuir</i> , 2009, 25, 1980-1985.	1.6	55
135	Determination of Tribromo-neopentyl Alcohol Micelle Distribution Coefficients in Single and Mixture Solutions for Evaluation of Micellar Enhanced Ultrafiltration Feasibility in Treating Contaminated Groundwater. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 6797-6804.	1.8	2
136	High-Resolution Cryogenic-Electron Microscopy Reveals Details of a Hexagonal-to-Bicontinuous Cubic Phase Transition in Mesoporous Silica Synthesis. <i>Journal of the American Chemical Society</i> , 2009, 131, 12466-12473.	6.6	34
137	Photo-Assisted Gene Delivery Using Light-Responsive Catanionic Vesicles. <i>Langmuir</i> , 2009, 25, 5713-5724.	1.6	105
138	Effects of chemical structures of para-halobenzoates on micelle nanostructure, drag reduction and rheological behaviors of dilute CTAC solutions. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2008, 154, 1-12.	1.0	41
139	The influence of glycerol on the properties of neutral and ionically charged L $\pm$ -phases. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 316, 226-233.	2.3	5
140	Molecular Level Processes and Nanostructure Evolution During the Formation of the Cubic Mesoporous Material KIT-6. <i>Chemistry of Materials</i> , 2008, 20, 2779-2792.	3.2	56
141	Spontaneous Formation of Bilayers and Vesicles in Mixtures of Single-Chain Alkyl Carboxylates: Effect of pH and Aging and Cytotoxicity Studies. <i>Langmuir</i> , 2008, 24, 9983-9988.	1.6	36
142	Characterization of the Nanostructure of Complexes Formed by a Redox-Active Cationic Lipid and DNA. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5849-5857.	1.2	35
143	Phase Behavior of Aqueous Mixtures of 2-Phenylbenzimidazole-5-sulfonic Acid and Cetyltrimethylammonium Bromide: A Hydrogels, Vesicles, Tubules, and Ribbons. <i>Journal of Physical Chemistry B</i> , 2008, 112, 2901-2908.	1.2	33
144	Complex Structure and Dynamics of Diblock Copolymers in a Mixture of Partially Miscible Solvents. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0

#	ARTICLE	IF	CITATIONS
145	A comparative study of microstructural development in paired human hepatic and gallbladder biles. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 1289-1298.	1.2	4
146	Triggered Release of Aqueous Content from Liposome-Derived Sol <sup>g</sup> Gel Nanocapsules. <i>Langmuir</i> , 2007, 23, 12024-12031.	1.6	37
147	Swelling of L <sup>+</sup> -Phases by Matching the Refractive Index of the Water <sup>g</sup> Glycerol Mixed Solvent and that of the Bilayers in the Block Copolymer System of (EO) <sub>15</sub> -(PDMS) <sub>15</sub> -(EO) <sub>15</sub> . <i>Journal of Physical Chemistry B</i> , 2007, 111, 6374-6382.	1.2	36
148	Stability and State of Aggregation of Aqueous Fibrinogen and Dipalmitoylphosphatidylcholine Lipid Vesicles. <i>Langmuir</i> , 2007, 23, 5657-5664.	1.6	11
149	Controlling Liposomal Drug Release with Low Frequency Ultrasound: A Mechanism and Feasibility. <i>Langmuir</i> , 2007, 23, 4019-4025.	1.6	213
150	Elucidating the assembled structure of amphiphiles in solution via cryogenic transmission electron microscopy. <i>Soft Matter</i> , 2007, 3, 945.	1.2	187
151	Effect of sonication and freezing <sup>g</sup> thawing on the aggregate size and dynamic surface tension of aqueous DPPC dispersions. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 217-227.	5.0	28
152	Fibrillar structure of self-assemblies formed from heterocomplementary monomers linked through sextuple hydrogen-bonding arrays. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 103-115.	2.4	18
153	Nanostructure of the aqueous form of lung surfactant of different species visualized by cryo <sup>g</sup> transmission electron microscopy. <i>Clinical Physiology and Functional Imaging</i> , 2007, 27, 375-380.	0.5	19
154	Colloidally stable novel copolymeric system for gene delivery in complete growth media. <i>Journal of Controlled Release</i> , 2007, 121, 28-37.	4.8	28
155	Seeing Giant Micelles by Cryogenic-Temperature Transmission Electron Microscopy (Cryo-TEM). <i>Surfactant Science</i> , 2007, , 163-178.	0.0	15
156	Seeing Giant Micelles by Cryogenic-Temperature Transmission Electron Microscopy (Cryo-TEM). , 2007, , 163-178.		3
157	Resolving Intermediate Solution Structures during the Formation of Mesoporous SBA-15. <i>Journal of the American Chemical Society</i> , 2006, 128, 3366-3374.	6.6	138
158	Influence of Hydrocarbon Surfactant on the Aggregation Behavior of Silicone Surfactant: A Observation of Intermediate Structures in the Vesicle <sup>g</sup> Micelle Transition. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5621-5626.	1.2	39
159	Structural and Dynamical Properties of Ribbonlike Self-Assemblies of a Fluorinated Cationic Surfactant. <i>Langmuir</i> , 2006, 22, 2534-2542.	1.6	19
160	Sphere, Cylinder, and Vesicle Nanoaggregates in Poly(styrene-b-isoprene) Diblock Copolymer Solutions. <i>Macromolecules</i> , 2006, 39, 1199-1208.	2.2	211
161	Imaging the Volume Transition in Thermosensitive Core <sup>g</sup> Shell Particles by Cryo-Transmission Electron Microscopy. <i>Langmuir</i> , 2006, 22, 2403-2406.	1.6	102
162	A Scanning Electron Microscopy Study of Microencapsulation. <i>Journal of Food Science</i> , 2006, 50, 139-144.	1.5	179

#	ARTICLE	IF	CITATIONS
163	Characterization of micellar systems for removal by MEUF of refractory organic from contaminated groundwater. <i>Desalination</i> , 2006, 200, 718-719.	4.0	5
164	Synthesis of aminimides derived from oleic acid: a new family of drag-reducing surfactants. <i>Tetrahedron</i> , 2006, 62, 10193-10201.	1.0	5
165	Self-assembled nanoribbons and nanotubes in water: energetic vs entropic networks. <i>Rheologica Acta</i> , 2006, 45, 435-443.	1.1	15
166	Direct-Imaging and Freeze-Fracture Cryo-Transmission Electron Microscopy of Molecular Gels. , 2006, , 253-274.		0
167	Effect of the spacer length on the association and adsorption behavior of dissymmetric gemini surfactants. <i>Journal of Colloid and Interface Science</i> , 2005, 281, 473-481.	5.0	53
168	Self-aggregation in dimeric arginine-based cationic surfactants solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 255, 73-78.	2.3	23
169	Monodisperse Bile-Salt Nanotubes in Water: Kinetics of Formation. <i>Advanced Materials</i> , 2005, 17, 728-731.	11.1	79
170	Co-solvent effects on drag reduction, rheological properties and micelle microstructures of cationic surfactants. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 696-709.	5.0	78
171	Biliary cholesterol crystallization characterized by single-crystal cryogenic electron diffraction. <i>Journal of Lipid Research</i> , 2005, 46, 942-948.	2.0	29
172	New Catanionic Mixtures of Didodecyltrimethylammonium Bromide/Sodium Dodecylbenzene sulfonate/Water with Special Reference to Spontaneous Formation of Vesicles. II. Size and Shape Analysis by SAXS, Light Scattering, Cryo-TEM, and Light Microscopy. <i>Soft Materials</i> , 2005, 3, 51-69.	0.8	9
173	Introductory Lecture : Strategies for controlling intra- and intermicellar packing in block copolymer solutions: Illustrating the flexibility of the self-assembly toolbox. <i>Faraday Discussions</i> , 2005, 128, 1.	1.6	101
174	Tetrabutylammonium Alkyl Carboxylate Surfactants in Aqueous Solution: Self-Association Behavior, Solution Nanostructure, and Comparison with Tetrabutylammonium Alkyl Sulfate Surfactants. <i>Langmuir</i> , 2005, 21, 11628-11636.	1.6	55
175	Cryogenic Transmission Electron Microscopy Imaging of Vesicles Formed by a Polystyrene-Polyisoprene Diblock Copolymer. <i>Macromolecules</i> , 2005, 38, 6779-6781.	2.2	42
176	Large Scale Structures in Nanocomposite Hydrogels. <i>Macromolecules</i> , 2005, 38, 2047-2049.	2.2	99
177	High Elongation of Polyelectrolyte Chains in the Osmotic Limit of Spherical Polyelectrolyte Brushes: A Study by Cryogenic Transmission Electron Microscopy. <i>Journal of the American Chemical Society</i> , 2005, 127, 9688-9689.	6.6	137
178	Active oxygen chemistry within the liposomal bilayer. <i>Chemistry and Physics of Lipids</i> , 2004, 131, 107-121.	1.5	82
179	Microstructural Characterization of Micro- and Nanoparticles Formed by Polymer-Surfactant Interactions. <i>Langmuir</i> , 2004, 20, 4380-4385.	1.6	100
180	Access to the Superstrong Segregation Regime with Nonionic ABC Copolymers. <i>Macromolecules</i> , 2004, 37, 6680-6682.	2.2	96

#	ARTICLE	IF	CITATIONS
181	Structure and Dynamics of a Molecular Hydrogel Derived from a Tripodal Cholamide. <i>Journal of the American Chemical Society</i> , 2004, 126, 15905-15914.	6.6	93
182	Multicompartment Micelles from ABC Miktoarm Stars in Water. <i>Science</i> , 2004, 306, 98-101.	6.0	928
183	Nanostructure of Cationic Lipid-Oligonucleotide Complexes. <i>Biophysical Journal</i> , 2004, 87, 609-614.	0.2	106
184	Evolution of Lipid Aggregates and Cholesterol Precipitation in Nucleating Model and Human Biles. <i>Microscopy and Microanalysis</i> , 2004, 10, 418-419.	0.2	0
185	DOTAP (and Other Cationic Lipids): Chemistry, Biophysics, and Transfection; <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2004, 21, 257-317.	1.2	202
186	Individually Suspended Single-Walled Carbon Nanotubes in Various Surfactants. <i>Nano Letters</i> , 2003, 3, 1379-1382.	4.5	1,532
187	Microstructures in the aqueous solutions of a hybrid anionic fluorocarbon/hydrocarbon surfactant. <i>Journal of Colloid and Interface Science</i> , 2003, 259, 382-390.	5.0	43
188	Microemulsions based on anionic gemini surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 212, 1-7.	2.3	64
189	Peptides Form Stereoselective Complexes with Chiral Polymers. <i>Macromolecules</i> , 2003, 36, 2999-3000.	2.2	26
190	NEAR INFRARED POLYMER NANOCRYSTAL LEDS. <i>Synthetic Metals</i> , 2003, 137, 1047-1048.	2.1	10
191	Cationic Lipid-Nucleic Acid Complexes (Lipoplexes): from Physicochemical Properties to In Vitro and In Vivo Transfection Kits. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2003, , 317-344.	0.1	1
192	The Role of Organ Vascularization and Lipoplex-Serum Initial Contact in Intravenous Murine Lipofection. <i>Journal of Biological Chemistry</i> , 2003, 278, 39858-39865.	1.6	101
193	Aqueous Suspensions of Steroid Nanotubules: Structural and Rheological Characterizations. <i>Langmuir</i> , 2002, 18, 7240-7244.	1.6	56
194	Transmission Electron Microscopy at Cryogenic Temperatures and Dynamic Light Scattering Studies of Glucose Oxidase Molecules and Self-Aggregated Nanoparticles. <i>Langmuir</i> , 2002, 18, 3390-3391.	1.6	11
195	Self-Assembled Monodisperse Steroid Nanotubes in Water. <i>Advanced Materials</i> , 2002, 14, 495-498.	11.1	106
196	Direct Cryogenic-Temperature Transmission Electron Microscopy Imaging of Phospholipid Aggregates in Soybean Oil. <i>Journal of Colloid and Interface Science</i> , 2002, 249, 180-186.	5.0	53
197	Comparison of drag reduction, rheology, microstructure and stress-induced precipitation of dilute cationic surfactant solutions with odd and even alkyl chains. <i>Rheologica Acta</i> , 2002, 41, 483-492.	1.1	18
198	Comparison of the effects of dimethyl and dichloro benzoate counterions on drag reduction, rheological behaviors, and microstructures of a cationic surfactant. <i>Journal of Rheology</i> , 2001, 45, 963-981.	1.3	29

#	ARTICLE	IF	CITATIONS
199	Formation of complement-activating particles in aqueous solutions of Taxol: possible role in hypersensitivity reactions. <i>International Immunopharmacology</i> , 2001, 1, 721-735.	1.7	124
200	Digital imaging: an advanced tool for cryo-TEM studies. <i>Microscopy and Microanalysis</i> , 2001, 7, 828-829.	0.2	0
201	Influence of Surfactant Concentration and Counterion to Surfactant Ratio on Rheology of Wormlike Micelles. <i>Journal of Colloid and Interface Science</i> , 2001, 239, 543-554.	5.0	38
202	Phase Behavior, DNA Ordering, and Size Instability of Cationic Lipoplexes. <i>Journal of Biological Chemistry</i> , 2001, 276, 47453-47459.	1.6	173
203	Self-Assembly of Model Collagen Peptide Amphiphiles. <i>Langmuir</i> , 2001, 17, 5352-5360.	1.6	129
204	Microstructural evolution of lipid aggregates in nucleating model and human biles visualized by cryogenic transmission electron microscopy. <i>Hepatology</i> , 2000, 31, 261-268.	3.6	49
205	Cryo-TEM of thread-like micelles: on-the-grid microstructural transformations induced during specimen preparation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 169, 67-73.	2.3	52
206	Unusual effects of counterion to surfactant concentration ratio on viscoelasticity of a cationic surfactant drag reducer. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2000, 93, 363-373.	1.0	37
207	Experimental studies on drag reduction and rheology of mixed cationic surfactants with different alkyl chain lengths. <i>Rheologica Acta</i> , 2000, 39, 354-359.	1.1	25
208	Direct-Imaging Cryo-Transmission Electron Microscopy in the Study of Colloids and Polymer Solutions. , 2000, , 253-280.		7
209	Novel Organized Structures in Mixtures of a Hydrophobically Modified Polymer and Two Oppositely Charged Surfactants. <i>Langmuir</i> , 2000, 16, 6825-6832.	1.6	31
210	Microstructures in Aqueous Solutions of Mixed Dimeric Surfactants: Vesicle Transformation into Networks of Thread-Like Micelles. <i>Journal of Physical Chemistry B</i> , 2000, 104, 12192-12201.	1.2	45
211	Polyelectrolyte Micelles: Self-Diffusion and Electron Microscopy Studies. <i>Langmuir</i> , 2000, 16, 4436-4440.	1.6	13
212	Ostwald Ripening in the Transient Regime: A Cryo-TEM Study. <i>Langmuir</i> , 2000, 16, 961-967.	1.6	33
213	Cryo-TEM Imaging the Flow-Induced Transition from Vesicles to Threadlike Micelles. <i>Journal of Physical Chemistry B</i> , 2000, 104, 5263-5271.	1.2	119
214	Aggregation Properties and Mixing Behavior of Hydrocarbon, Fluorocarbon, and Hybrid Hydrocarbon-Fluorocarbon Cationic Dimeric Surfactants. <i>Langmuir</i> , 2000, 16, 9759-9769.	1.6	127
215	Micellar Growth, Network Formation, and Criticality in Aqueous Solutions of the Nonionic Surfactant C12E5. <i>Langmuir</i> , 2000, 16, 4131-4140.	1.6	202
216	Sphere-to-Cylinder Transition in Aqueous Micellar Solution of a Dimeric (Gemini) Surfactant. <i>Journal of Physical Chemistry B</i> , 2000, 104, 4005-4009.	1.2	232

#	ARTICLE	IF	CITATIONS
217	Bubble nucleation during devolatilization of polymer melts. <i>AIChE Journal</i> , 1999, 45, 2590-2605.	1.8	20
218	Direct Observation of Phase Separation in Microemulsion Networks. <i>Langmuir</i> , 1999, 15, 5448-5453.	1.6	83
219	Directly Resolved Core-Corona Structure of Block Copolymer Micelles by Cryo-Transmission Electron Microscopy. <i>Journal of Physical Chemistry B</i> , 1999, 103, 10331-10334.	1.2	104
220	Lyotropic Liquid Crystalline Phases from Symmetric Double-Tailed Surfactants: Sodium 1- $\omega$ -Undecylbenzenesulfonate, 1- $\omega$ -Tridecylbenzenesulfonate, and 1- $\omega$ -Pentadecylbenzenesulfonate in Water. <i>Journal of Colloid and Interface Science</i> , 1998, 208, 129-136.		3
221	Effect of variations in counterion to surfactant ratio on rheology and microstructures of drag reducing cationic surfactant systems. <i>Rheologica Acta</i> , 1998, 37, 528-548.	1.1	75
222	Direct Imaging by Cryo-TEM Shows Membrane Break-Up by Phospholipase A2 Enzymatic Activity. <i>Biochemistry</i> , 1998, 37, 10987-10993.	1.2	49
223	Effect of Chemical Structure on Viscoelasticity and Extensional Viscosity of Drag-Reducing Cationic Surfactant Solutions. <i>Langmuir</i> , 1998, 14, 8-16.	1.6	123
224	Structural Properties of Bulk and Aqueous Systems of PEO- <i>b</i> -PIB- <i>b</i> -PEO Triblock Copolymers As Studied by Small-Angle Neutron Scattering and Cryo-Transmission Electron Microscopy. <i>Macromolecules</i> , 1997, 30, 6764-6770.	2.2	24
225	Mixed Micellization of Cetyltrimethylammonium Bromide and an Anionic Dimeric (Gemini) Surfactant in Aqueous Solution. <i>Langmuir</i> , 1997, 13, 402-408.	1.6	114
226	Cryo-TEM and NMR studies of a micelle-forming phosphoglucolipid from membranes of <i>Acholeplasma laidlawii</i> A and B. <i>Chemistry and Physics of Lipids</i> , 1997, 85, 75-89.	1.5	16
227	Direct Imaging of Lamellar Phases by Cryo-Transmission Electron Microscopy. <i>Langmuir</i> , 1997, 13, 7287-7292.	1.6	15
228	A non-viscoelastic drag reducing cationic surfactant system. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 1997, 71, 59-72.	1.0	78
229	Imaging supramolecular aggregates in bile models and human bile. <i>Microscopy Research and Technique</i> , 1997, 39, 85-96.	1.2	23
230	Vesicle-to-Micelle Transformation in Systems Containing Dimeric Surfactants. <i>Journal of Colloid and Interface Science</i> , 1997, 185, 84-93.	5.0	82
231	Aggregation and Microstructure in Aqueous Solutions of the Nonionic Surfactant C12E8. <i>Journal of Colloid and Interface Science</i> , 1997, 186, 170-179.	5.0	55
232	Effect of Ionic Strength on the Self-Assembly in Mixtures of Phosphatidylcholine and Sodium Cholate. <i>Journal of Colloid and Interface Science</i> , 1997, 188, 351-362.	5.0	30
233	A Study of the Microstructure of a Four-Component Nonionic Microemulsion by Cryo-TEM, NMR, SAXS, and SANS. <i>Langmuir</i> , 1996, 12, 668-674.	1.6	119
234	On the structure of aggregated kappa-carrageenan helices. A study by cryo-TEM, optical rotation and viscometry. <i>International Journal of Biological Macromolecules</i> , 1996, 18, 223-229.	3.6	64

#	ARTICLE	IF	CITATIONS
235	Microstructural Study of Aqueous Solutions of Octadecylamide Oligo(oxyethylene)ether. Journal of Colloid and Interface Science, 1996, 181, 191-199.	5.0	20
236	Electron microscopy studies of amphiphilic self-assemblies on vitreous ice. Advanced Materials, 1995, 7, 26-35.	11.1	24
237	Bubble dissolution viscous liquids in simple shear flow. AIChE Journal, 1995, 41, 2637-2641.	1.8	14
238	The microstructure of the poly(ethylene oxide)/sodium dodecyl sulfate system studied by cryogenic-temperature transmission electron microscopy and small-angle X-ray scattering. Polymer, 1995, 36, 1809-1815.	1.8	29
239	Structures of nanoparticles prepared from oil-in-water emulsions. Pharmaceutical Research, 1995, 12, 39-48.	1.7	64
240	Cryo-TEM and SANS Microstructural Study of Pluronic Polymer Solutions. Macromolecules, 1995, 28, 8829-8834.	2.2	225
241	Cholesterol precipitation from cholesterol-supersaturated bile models. Lipids and Lipid Metabolism, 1995, 1259, 23-28.	2.6	10
242	Alkanediyl- $\alpha,\omega$ -Bis(Dimethylalkylammonium Bromide) Surfactants (Dimeric Surfactants). 5. Aggregation and Microstructure in Aqueous Solutions. Langmuir, 1995, 11, 1448-1456.	1.6	505
243	Branched Threadlike Micelles in an Aqueous Solution of a Trimeric Surfactant. Science, 1995, 269, 1420-1421.	6.0	264
244	Foam-enhanced devolatilization of polystyrene melt in a vented extruder. AIChE Journal, 1994, 40, 670-675.	1.8	19
245	Precursors of the zeolite ZSM-5 imaged by Cryo-TEM and analyzed by SAXS. Zeolites, 1994, 14, 314-319.	0.9	89
246	The mechanism of lamellar-to-inverted hexagonal phase transitions: a study using temperature-jump cryo-electron microscopy. Biophysical Journal, 1994, 66, 402-414.	0.2	131
247	Interactions between Polysoaps and Surfactants in Aqueous Solutions. Langmuir, 1994, 10, 2960-2964.	1.6	12
248	Direct visualization of lipid aggregates in native human bile by light- and cryo-transmission electron-microscopy. FEBS Letters, 1994, 340, 78-82.	1.3	34
249	Cryo transmission electron microscopy study of vesicles and micelles in siloxane surfactant aqueous solutions. Langmuir, 1994, 10, 1008-1011.	1.6	63
250	Ultrasound-enhanced devolatilization of polymer melt. AIChE Journal, 1993, 39, 359-360.	1.8	11
251	An experimental study of bubble deformation in viscous liquids in simple shear flow. AIChE Journal, 1993, 39, 553-559.	1.8	32
252	Dependence of aggregate morphology on structure of dimeric surfactants. Nature, 1993, 362, 228-230.	13.7	516

#	ARTICLE	IF	CITATIONS
253	Electron Diffraction and Imaging of Uncompressed Monolayers of Amphiphilic Molecules on Vitreous and Hexagonal Ice. <i>Science</i> , 1993, 261, 899-902.	6.0	46
254	Magic angle (54.7.degree.) gradient and minimal surfaces in quadruple micellar helices. <i>Journal of the American Chemical Society</i> , 1993, 115, 693-700.	6.6	75
255	Microstructural aspects of polysoap/sodium dodecyl sulfate interactions. <i>Langmuir</i> , 1993, 9, 1948-1950.	1.6	23
256	Cryo-TEM of amphiphilic polymer and amphiphile/polymer solutions. <i>Proceedings Annual Meeting Electron Microscopy Society of America</i> , 1993, 51, 876-877.	0.0	0
257	Direct imaging of microstructures formed in aqueous solutions of polyamphiphiles. <i>Macromolecules</i> , 1992, 25, 4220-4223.	2.2	37
258	Study of mixed aggregates in aqueous solutions of sodium dodecyl sulfate and dodecyltrimethylammonium bromide. <i>Colloids and Surfaces</i> , 1992, 67, 213-222.	0.9	67
259	Low temperature transmission electron microscopy and differential scanning calorimetry characterization of latexes stabilized with surface active block oligomers. <i>Polymer</i> , 1992, 33, 2043-2050.	1.8	9
260	A temperature-jump device for time-resolved cryo-transmission electron microscopy. <i>Microscopy Research and Technique</i> , 1992, 20, 95-101.	1.2	13
261	Physico-chemical characterization of Intralipid <sup>®</sup> emulsions. <i>Lipids and Lipid Metabolism</i> , 1991, 1086, 265-272.	2.6	72
262	Intermediate structures in the cholate-phosphatidylcholine vesicle-micelle transition. <i>Biophysical Journal</i> , 1991, 60, 1315-1325.	0.2	216
263	Blister-Promoted Bubble Growth in Viscous Polymer Melts. <i>Materials Research Society Symposia Proceedings</i> , 1991, 237, 181.	0.1	2
264	Structure of cubic mesomorphic phases determined by low-temperature transmission electron microscopy and small-angle x-ray scattering. <i>The Journal of Physical Chemistry</i> , 1990, 94, 5308-5312.	2.9	20
265	Polymer melt devolatilization mechanisms. <i>AIChE Journal</i> , 1990, 36, 1313-1320.	1.8	45
266	Time-resolved cryotransmission electron microscopy. <i>Journal of Electron Microscopy Technique</i> , 1990, 14, 6-12.	1.1	54
267	A cryogenic transmission electron microscopy study of counterion effects on hexadecyltrimethylammonium dichlorobenzoate micelles. <i>Langmuir</i> , 1990, 6, 1609-1613.	1.6	45
268	Factors affecting retention in spray-drying microencapsulation of volatile materials. <i>Journal of Agricultural and Food Chemistry</i> , 1990, 38, 1288-1294.	2.4	300
269	Microstructure of polyacrylate/polystyrene two-stage lattices. <i>Polymer</i> , 1989, 30, 416-424.	1.8	39
270	Comments on "electron diffraction observed in the gigantic micelle" producing system of CTAB-aromatic additives," by Hirata, Sakaiguchi, and Akai. <i>Journal of Colloid and Interface Science</i> , 1989, 133, 288-289.	5.0	37



#	ARTICLE	IF	CITATIONS
271	Intermediates in membrane fusion and bilayer/nonbilayer phase transitions imaged by time-resolved cryo-transmission electron microscopy. <i>Biophysical Journal</i> , 1989, 56, 161-169.	0.2	148
272	Vesicle-micelle transition of phosphatidylcholine and octyl glucoside elucidated by cryo-transmission electron microscopy. <i>Biophysical Journal</i> , 1989, 56, 669-681.	0.2	215
273	Containment system for the preparation of vitrified-hydrated virus specimens. <i>Journal of Electron Microscopy Technique</i> , 1988, 8, 343-348.	1.1	22
274	Controlled environment vitrification system: An improved sample preparation technique. <i>Journal of Electron Microscopy Technique</i> , 1988, 10, 87-111.	1.1	596
275	Freeze-fracture-replication using the controlled environment vitrification system (cevs). <i>Journal of Electron Microscopy Technique</i> , 1988, 10, 113-114.	1.1	9
276	Mineral-organic-matrix relations in tooth enamel. <i>International Journal of Biological Macromolecules</i> , 1988, 10, 349-352.	3.6	18
277	Scanning electron microscopy studies of polymer melt devolatilization. <i>AIChE Journal</i> , 1987, 33, 808-818.	1.8	16
278	Mathematical Modeling of Microwave Thawing by the Modified Isotherm Migration Method. <i>Journal of Food Science</i> , 1987, 52, 455-463.	1.5	39
279	Electron Beam Radiation Damage to Organic and Biological Cryospecimens. , 1987, , 64-84.		32
280	Cryo-Transmission Electron Microscopy of latex systems. <i>Proceedings Annual Meeting Electron Microscopy Society of America</i> , 1987, 45, 496-499.	0.0	5
281	Electron microscopy of vitrified-hydrated La Crosse virus. <i>Journal of Virology</i> , 1987, 61, 2319-2321.	1.5	46
282	Electron beam radiation damage to organic inclusions in vitreous, cubic, and hexagonal ice. <i>Journal of Microscopy</i> , 1986, 141, 375-384.	0.8	60
283	Imaging surfactant dispersions by electron microscopy of vitrified specimens. <i>Colloids and Surfaces</i> , 1986, 19, 237-248.	0.9	56
284	Microencapsulation by a Dehydrating Liquid: Retention of Paprika Oleoresin and Aromatic Esters. <i>Journal of Food Science</i> , 1986, 51, 1301-1306.	1.5	45
285	Microencapsulation by a Dehydrating Liquid: A Microstructural Study by Scanning Electron Microscopy. <i>Journal of Food Science</i> , 1986, 51, 1307-1310.	1.5	14
286	Cryo-electron microscopy of vitrified aqueous specimens. <i>Ultramicroscopy</i> , 1985, 17, 167.	0.8	1
287	Properties and structure of elastomeric two-stage emulsion interpenetrating networks. <i>Polymer</i> , 1985, 26, 1359-1364.	1.8	25
288	Staining and drying-induced artifacts in electron microscopy of surfactant dispersions. II. Change in phase behavior produced by variation in pH modifiers, stain, and concentration. <i>Journal of Colloid and Interface Science</i> , 1985, 107, 146-158.	5.0	37

#	ARTICLE	IF	CITATIONS
289	Electron beam radiation damage to organic inclusions in ice as an analytical tool for polymer science. <i>Journal of Electron Microscopy Technique</i> , 1985, 2, 589-596.	1.1	15
290	Cryomicroscopy of liquid and semiliquid specimens: Direct imaging versus replication. <i>Ultramicroscopy</i> , 1984, 14, 211-218.	0.8	30
291	Radiation damage to organic inclusions in ice. <i>Ultramicroscopy</i> , 1984, 14, 305-315.	0.8	62
292	A SEM study of the inner structure of spray-dried microcapsules. <i>Ultramicroscopy</i> , 1984, 14, 379.	0.8	0
293	Moving boundary problems in simple shapes solved by isotherm migration. <i>AIChE Journal</i> , 1983, 29, 795-800.	1.8	9
294	An improved transfer module and variable temperature control for a simple commercial cooling holder. <i>Ultramicroscopy</i> , 1983, 11, 283-288.	0.8	11
295	Staining and drying-induced artifacts in electron microscopy of surfactant dispersions. <i>Journal of Colloid and Interface Science</i> , 1983, 93, 366-382.	5.0	97
296	Electron diffraction of mollusc shell organic matrices and their relationship to the mineral phase. <i>International Journal of Biological Macromolecules</i> , 1983, 5, 325-328.	3.6	149
297	Spontaneous Vesicles Formed from Hydroxide Surfactants: Evidence from Electron Microscopy. <i>Science</i> , 1983, 221, 1047-1048.	6.0	128
298	Vesicular Dispersion Delivery Systems and Surfactant Waterflooding. <i>Society of Petroleum Engineers Journal</i> , 1982, 22, 37-52.	0.9	18
299	Thermal and radiation damage to frozen hydrated specimens. <i>Journal of Microscopy</i> , 1982, 125, 227-237.	0.8	31
300	Imaging vesicular dispersions with cold-stage electron microscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 693, 364-378.	1.4	18
301	The statistical thermodynamics of microemulsions. II. The interfacial region. <i>Journal of Chemical Physics</i> , 1982, 76, 1535-1538.	1.2	57
302	Vesicle formation and stability in the surfactant sodium 4-(1-heptylnonyl)benzenesulfonate. <i>Journal of Colloid and Interface Science</i> , 1982, 86, 449-467.	5.0	22
303	Progressive freezing of composites analyzed by isotherm migration methods. <i>AIChE Journal</i> , 1981, 27, 928-937.	1.8	17
304	Analysis of Propagation of Freezing and Thawing Fronts. <i>Journal of Food Science</i> , 1981, 46, 1478-1488.	1.5	3
305	Rate of Sublimation of Ice by Radiative Heating in Freeze-Etching. <i>Proceedings Annual Meeting Electron Microscopy Society of America</i> , 1980, 38, 618-619.	0.0	2
306	Cold-stage microscopy system for fast-frozen liquids. <i>Review of Scientific Instruments</i> , 1979, 50, 698-704.	0.6	50

#	ARTICLE	IF	CITATIONS
307	Open system microthermometry ? a technique for the measurement of local specimen temperature in the electron microscope. Journal of Materials Science, 1979, 14, 1647-1650.	1.7	10
308	Mass loss and etching of frozen hydrated specimens. Journal of Microscopy, 1979, 117, 321-332.	0.8	42
309	Selective electron beam etching of multicomponent polymer systems. Polymer, 1978, 19, 225-227.	1.8	43
310	Particle size determination of soft latices by electron microscopy. Journal of Colloid and Interface Science, 1978, 67, 284-291.	5.0	13
311	Statistical thermodynamics of phase equilibria in microemulsions. Journal of Chemical Physics, 1978, 69, 2984-2991.	1.2	301
312	Electron Beam Heating Temperature Profiles in Moderately Thick Cold Stage STEM/SEM Specimens. Journal of Microscopy, 1978, 113, 69-75.	0.8	29
313	Beam heating of a moderately thick cold stage specimen in the SEM/STEM. Journal of Microscopy, 1977, 111, 151-164.	0.8	55
314	Statistical mechanics of microemulsions. Nature, 1977, 267, 333-335.	13.7	57
315	Chromatographic Separation by Foam. Separation Science, 1976, 11, 509-531.	0.7	4
316	Determination of Bulk and Solution Morphologies by Transmission Electron Microscopy. , 0, , 1649-1685.		4