

Yeshayahu Talmon

List of Publications by Year in descending order

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316
papers

21,248
citations

10388

72
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docs citations

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times ranked

19466
citing authors

#	ARTICLE	IF	CITATIONS
1	Individually Suspended Single-Walled Carbon Nanotubes in Various Surfactants. <i>Nano Letters</i> , 2003, 3, 1379-1382.	9.1	1,532
2	Strong, Light, Multifunctional Fibers of Carbon Nanotubes with Ultrahigh Conductivity. <i>Science</i> , 2013, 339, 182-186.	12.6	1,138
3	Multicompartment Micelles from ABC Miktoarm Stars in Water. <i>Science</i> , 2004, 306, 98-101.	12.6	928
4	Controlled environment vitrification system: An improved sample preparation technique. <i>Journal of Electron Microscopy Technique</i> , 1988, 10, 87-111.	1.1	596
5	Spontaneous high-concentration dispersions and liquid crystals of graphene. <i>Nature Nanotechnology</i> , 2010, 5, 406-411.	31.5	532
6	Dependence of aggregate morphology on structure of dimeric surfactants. <i>Nature</i> , 1993, 362, 228-230.	27.8	516
7	Alkanediyl- α,ω -Bis(Dimethylalkylammonium Bromide) Surfactants (Dimeric Surfactants). 5. Aggregation and Microstructure in Aqueous Solutions. <i>Langmuir</i> , 1995, 11, 1448-1456.	3.5	505
8	True solutions of single-walled carbon nanotubes for assembly into macroscopic materials. <i>Nature Nanotechnology</i> , 2009, 4, 830-834.	31.5	486
9	Statistical thermodynamics of phase equilibria in microemulsions. <i>Journal of Chemical Physics</i> , 1978, 69, 2984-2991.	3.0	301
10	Factors affecting retention in spray-drying microencapsulation of volatile materials. <i>Journal of Agricultural and Food Chemistry</i> , 1990, 38, 1288-1294.	5.2	300
11	Branched Threadlike Micelles in an Aqueous Solution of a Trimeric Surfactant. <i>Science</i> , 1995, 269, 1420-1421.	12.6	264
12	Single Nanocrystals of Platinum Prepared by Partial Dissolution of Au-Pt Nanoalloys. <i>Science</i> , 2009, 323, 617-620.	12.6	255
13	High-performance mussel-inspired adhesives of reduced complexity. <i>Nature Communications</i> , 2015, 6, 8663.	12.8	245
14	Sphere-to-Cylinder Transition in Aqueous Micellar Solution of a Dimeric (Gemini) Surfactant. <i>Journal of Physical Chemistry B</i> , 2000, 104, 4005-4009.	2.6	232
15	Cryo-TEM and SANS Microstructural Study of Pluronic Polymer Solutions. <i>Macromolecules</i> , 1995, 28, 8829-8834.	4.8	225
16	Intermediate structures in the cholate-phosphatidylcholine vesicle-micelle transition. <i>Biophysical Journal</i> , 1991, 60, 1315-1325.	0.5	216
17	Vesicle-micelle transition of phosphatidylcholine and octyl glucoside elucidated by cryo-transmission electron microscopy. <i>Biophysical Journal</i> , 1989, 56, 669-681.	0.5	215
18	Controlling Liposomal Drug Release with Low Frequency Ultrasound: A Mechanism and Feasibility. <i>Langmuir</i> , 2007, 23, 4019-4025.	3.5	213

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19	Sphere, Cylinder, and Vesicle Nanoaggregates in Poly(styrene-b-isoprene) Diblock Copolymer Solutions. <i>Macromolecules</i> , 2006, 39, 1199-1208.	4.8	211
20	Micellar Growth, Network Formation, and Criticality in Aqueous Solutions of the Nonionic Surfactant C12E5. <i>Langmuir</i> , 2000, 16, 4131-4140.	3.5	202
21	DOTAP (and Other Cationic Lipids): Chemistry, Biophysics, and Transfection; Critical Reviews in Therapeutic Drug Carrier Systems, 2004, 21, 257-317.	2.2	202
22	Elucidating the assembled structure of amphiphiles in solution via cryogenic transmission electron microscopy. <i>Soft Matter</i> , 2007, 3, 945.	2.7	187
23	A Scanning Electron Microscopy Study of Microencapsulation. <i>Journal of Food Science</i> , 2006, 50, 139-144.	3.1	179
24	Phase Behavior, DNA Ordering, and Size Instability of Cationic Lipoplexes. <i>Journal of Biological Chemistry</i> , 2001, 276, 47453-47459.	3.4	173
25	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.	7.5	149
26	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.	0.5	148
27	Resolving Intermediate Solution Structures during the Formation of Mesoporous SBA-15. <i>Journal of the American Chemical Society</i> , 2006, 128, 3366-3374.	13.7	138
28	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.	13.7	137
29	The mechanism of lamellar-to-inverted hexagonal phase transitions: a study using temperature-jump cryo-electron microscopy. <i>Biophysical Journal</i> , 1994, 66, 402-414.	0.5	131
30	Self-Assembly of Model Collagen Peptide Amphiphiles. <i>Langmuir</i> , 2001, 17, 5352-5360.	3.5	129
31	Spontaneous Vesicles Formed from Hydroxide Surfactants: Evidence from Electron Microscopy. <i>Science</i> , 1983, 221, 1047-1048.	12.6	128
32	Aggregation Properties and Mixing Behavior of Hydrocarbon, Fluorocarbon, and Hybrid Hydrocarbon-Fluorocarbon Cationic Dimeric Surfactants. <i>Langmuir</i> , 2000, 16, 9759-9769.	3.5	127
33	Formation of complement-activating particles in aqueous solutions of Taxol: possible role in hypersensitivity reactions. <i>International Immunopharmacology</i> , 2001, 1, 721-735.	3.8	124
34	Spontaneous Dissolution of Ultralong Single- and Multiwalled Carbon Nanotubes. <i>ACS Nano</i> , 2010, 4, 3969-3978.	14.6	124
35	Effect of Chemical Structure on Viscoelasticity and Extensional Viscosity of Drag-Reducing Cationic Surfactant Solutions. <i>Langmuir</i> , 1998, 14, 8-16.	3.5	123
36	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.	3.5	119

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37	Cryo-TEM Imaging the Flow-Induced Transition from Vesicles to Threadlike Micelles. <i>Journal of Physical Chemistry B</i> , 2000, 104, 5263-5271.	2.6	119
38	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.	7.1	119
39	Mixed Micellization of Cetyltrimethylammonium Bromide and an Anionic Dimeric (Gemini) Surfactant in Aqueous Solution. <i>Langmuir</i> , 1997, 13, 402-408.	3.5	114
40	Glycodynamers: Dynamic Polymers Bearing Oligosaccharides Residues $\hat{\alpha}$ ' Generation, Structure, Physicochemical, Component Exchange, and Lectin Binding Properties. <i>Journal of the American Chemical Society</i> , 2010, 132, 2573-2584.	13.7	111
41	The Largest Synthetic Structure with Molecular Precision: Towards a Molecular Object. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 737-740.	13.8	111
42	Self-Assembled Monodisperse Steroid Nanotubes in Water. <i>Advanced Materials</i> , 2002, 14, 495-498.	21.0	106
43	Nanostructure of Cationic Lipid-Oligonucleotide Complexes. <i>Biophysical Journal</i> , 2004, 87, 609-614.	0.5	106
44	Photo-Assisted Gene Delivery Using Light-Responsive Catanionic Vesicles. <i>Langmuir</i> , 2009, 25, 5713-5724.	3.5	105
45	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.	2.6	104
46	Colloidal Stabilization of Calcium Carbonate Prenucleation Clusters with Silica. <i>Advanced Functional Materials</i> , 2012, 22, 4301-4311.	14.9	103
47	Imaging the Volume Transition in Thermosensitive Core-Shell Particles by Cryo-Transmission Electron Microscopy. <i>Langmuir</i> , 2006, 22, 2403-2406.	3.5	102
48	The Role of Organ Vascularization and Lipoplex-Serum Initial Contact in Intravenous Murine Lipofection. <i>Journal of Biological Chemistry</i> , 2003, 278, 39858-39865.	3.4	101
49	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.	3.2	101
50	Microstructural Characterization of Micro- and Nanoparticles Formed by Polymer-Surfactant Interactions. <i>Langmuir</i> , 2004, 20, 4380-4385.	3.5	100
51	Nanoparticles from Lipid-Based Liquid Crystals: Emulsifier Influence on Morphology and Cytotoxicity. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3518-3525.	2.6	100
52	Large Scale Structures in Nanocomposite Hydrogels. <i>Macromolecules</i> , 2005, 38, 2047-2049.	4.8	99
53	Structure-Property Relations in Carbon Nanotube Fibers by Downscaling Solution Processing. <i>Advanced Materials</i> , 2018, 30, 1704482.	21.0	99
54	Staining and drying-induced artifacts in electron microscopy of surfactant dispersions. <i>Journal of Colloid and Interface Science</i> , 1983, 93, 366-382.	9.4	97

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55	Light-Responsive Threadlike Micelles as Drag Reducing Fluids with Enhanced Heat-Transfer Capabilities. <i>Langmuir</i> , 2011, 27, 5806-5813.	3.5	97
56	Access to the Superstrong Segregation Regime with Nonionic ABC Copolymers. <i>Macromolecules</i> , 2004, 37, 6680-6682.	4.8	96
57	Cancer-Cell-Targeted Theranostic Cubosomes. <i>Langmuir</i> , 2014, 30, 6228-6236.	3.5	95
58	Drug-Loaded Fluorescent Cubosomes: Versatile Nanoparticles for Potential Theranostic Applications. <i>Langmuir</i> , 2013, 29, 6673-6679.	3.5	94
59	Structure and Dynamics of a Molecular Hydrogel Derived from a Tripodal Chalamide. <i>Journal of the American Chemical Society</i> , 2004, 126, 15905-15914.	13.7	93
60	Polyelectrolyte Stabilized Drug Nanoparticles via Flash Nanoprecipitation: A Model Study With β -Carotene. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4295-4306.	3.3	90
61	Precursors of the zeolite ZSM-5 imaged by Cryo-TEM and analyzed by SAXS. <i>Zeolites</i> , 1994, 14, 314-319.	0.5	89
62	Using Microemulsions: Formulation Based on Knowledge of Their Mesostructure. <i>Chemical Reviews</i> , 2021, 121, 5671-5740.	47.7	88
63	Transferrin Receptor-Targeted Lipid Nanoparticles for Delivery of an Antisense Oligodeoxyribonucleotide against Bcl-2. <i>Molecular Pharmaceutics</i> , 2009, 6, 221-230.	4.6	86
64	Direct Observation of Phase Separation in Microemulsion Networks. <i>Langmuir</i> , 1999, 15, 5448-5453.	3.5	83
65	Vesicle-to-Micelle Transformation in Systems Containing Dimeric Surfactants. <i>Journal of Colloid and Interface Science</i> , 1997, 185, 84-93.	9.4	82
66	Active oxygen chemistry within the liposomal bilayer. <i>Chemistry and Physics of Lipids</i> , 2004, 131, 107-121.	3.2	82
67	Delivery of antisense oligodeoxyribonucleotide lipopolyplex nanoparticles assembled by microfluidic hydrodynamic focusing. <i>Journal of Controlled Release</i> , 2010, 141, 62-69.	9.9	80
68	Monodisperse Bile-Salt Nanotubes in Water: Kinetics of Formation. <i>Advanced Materials</i> , 2005, 17, 728-731.	21.0	79
69	A non-viscoelastic drag reducing cationic surfactant system. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 1997, 71, 59-72.	2.4	78
70	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.	9.4	78
71	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.	13.7	75
72	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.	2.4	75

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73	Characterization of Block Copolymer Self-Assembly: From Solution to Nanoporous Membranes. <i>Macromolecules</i> , 2012, 45, 9631-9642.	4.8	74
74	Physico-chemical characterization of Intralipid [®] emulsions. <i>Lipids and Lipid Metabolism</i> , 1991, 1086, 265-272.	2.6	72
75	Docetaxel-Loaded Fluorescent Liquid-Crystalline Nanoparticles for Cancer Theranostics. <i>Langmuir</i> , 2015, 31, 9566-9575.	3.5	70
76	Cryogenic Transmission Electron Microscopy Nanostructural Study of Shed Microparticles. <i>PLoS ONE</i> , 2013, 8, e83680.	2.5	69
77	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
78	Structures of nanoparticles prepared from oil-in-water emulsions. <i>Pharmaceutical Research</i> , 1995, 12, 39-48.	3.5	64
79	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.	7.5	64
80	Microemulsions based on anionic gemini surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 212, 1-7.	4.7	64
81	Cryo transmission electron microscopy study of vesicles and micelles in siloxane surfactant aqueous solutions. <i>Langmuir</i> , 1994, 10, 1008-1011.	3.5	63
82	Radiation damage to organic inclusions in ice. <i>Ultramicroscopy</i> , 1984, 14, 305-315.	1.9	62
83	Cubosome formulations stabilized by a dansyl-conjugated block copolymer for possible nanomedicine applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 129, 87-94.	5.0	62
84	Spontaneous structural transition and crystal formation in minimal supramolecular polymer model. <i>Science Advances</i> , 2016, 2, e1500827.	10.3	62
85	Transport of membrane-bound mineral particles in blood vessels during chicken embryonic bone development. <i>Bone</i> , 2016, 83, 65-72.	2.9	62
86	Octanol-Triggered Self-Assemblies of the CTAB/KBr System: A Microstructural Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 464-470.	2.6	61
87	Electron beam radiation damage to organic inclusions in vitreous, cubic, and hexagonal ice. <i>Journal of Microscopy</i> , 1986, 141, 375-384.	1.8	60
88	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.	9.4	60
89	Statistical mechanics of microemulsions. <i>Nature</i> , 1977, 267, 333-335.	27.8	57
90	The statistical thermodynamics of microemulsions. II. The interfacial region. <i>Journal of Chemical Physics</i> , 1982, 76, 1535-1538.	3.0	57

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91	Relationship of Extensional Viscosity and Liquid Crystalline Transition to Length Distribution in Carbon Nanotube Solutions. <i>Macromolecules</i> , 2016, 49, 681-689.	4.8	57
92	Imaging surfactant dispersions by electron microscopy of vitrified specimens. <i>Colloids and Surfaces</i> , 1986, 19, 237-248.	0.9	56
93	Aqueous Suspensions of Steroid Nanotubules: Structural and Rheological Characterizations. <i>Langmuir</i> , 2002, 18, 7240-7244.	3.5	56
94	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.	6.7	56
95	Beam heating of a moderately thick cold stage specimen in the SEM/STEM. <i>Journal of Microscopy</i> , 1977, 111, 151-164.	1.8	55
96	Aggregation and Microstructure in Aqueous Solutions of the Nonionic Surfactant C12E8. <i>Journal of Colloid and Interface Science</i> , 1997, 186, 170-179.	9.4	55
97	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.	3.5	55
98	Nanostructures Formed by Self-Assembly of Negatively Charged Polymer and Cationic Surfactants. <i>Langmuir</i> , 2009, 25, 1980-1985.	3.5	55
99	Time-resolved cryotransmission electron microscopy. <i>Journal of Electron Microscopy Technique</i> , 1990, 14, 6-12.	1.1	54
100	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.	9.4	53
101	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.	9.4	53
102	Adipose-Derived Biogenic Nanoparticles for Suppression of Inflammation. <i>Small</i> , 2020, 16, e1904064.	10.0	53
103	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.	4.7	52
104	Cold-stage microscopy system for fast-frozen liquids. <i>Review of Scientific Instruments</i> , 1979, 50, 698-704.	1.3	50
105	Direct Imaging by Cryo-TEM Shows Membrane Break-Up by Phospholipase A2 Enzymatic Activity. <i>Biochemistry</i> , 1998, 37, 10987-10993.	2.5	49
106	Microstructural evolution of lipid aggregates in nucleating model and human bile visualized by cryogenic transmission electron microscopy. <i>Hepatology</i> , 2000, 31, 261-268.	7.3	49
107	Cryo-Imaging of Hydrogels Supermolecular Structure. <i>Scientific Reports</i> , 2016, 6, 25495.	3.3	49
108	Electron Diffraction and Imaging of Uncompressed Monolayers of Amphiphilic Molecules on Vitreous and Hexagonal Ice. <i>Science</i> , 1993, 261, 899-902.	12.6	46

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109	Electron microscopy of vitrified-hydrated La Crosse virus. <i>Journal of Virology</i> , 1987, 61, 2319-2321.	3.4	46
110	Microencapsulation by a Dehydrating Liquid: Retention of Paprika Oleoresin and Aromatic Esters. <i>Journal of Food Science</i> , 1986, 51, 1301-1306.	3.1	45
111	Polymer melt devolatilization mechanisms. <i>AIChE Journal</i> , 1990, 36, 1313-1320.	3.6	45
112	A cryogenic transmission electron microscopy study of counterion effects on hexadecyltrimethylammonium dichlorobenzoate micelles. <i>Langmuir</i> , 1990, 6, 1609-1613.	3.5	45
113	Microstructures in Aqueous Solutions of Mixed Dimeric Surfactants: A Vesicle Transformation into Networks of Thread-Like Micelles. <i>Journal of Physical Chemistry B</i> , 2000, 104, 12192-12201.	2.6	45
114	Brain metastases-derived extracellular vesicles induce binding and aggregation of low-density lipoprotein. <i>Journal of Nanobiotechnology</i> , 2020, 18, 162.	9.1	45
115	A direct-imaging cryo-EM study of shedding extracellular vesicles from leukemic monocytes. <i>Journal of Structural Biology</i> , 2017, 198, 177-185.	2.8	44
116	Cubosomes for <i>in vivo</i> fluorescence lifetime imaging. <i>Nanotechnology</i> , 2017, 28, 055102.	2.6	44
117	Selective electron beam etching of multicomponent polymer systems. <i>Polymer</i> , 1978, 19, 225-227.	3.8	43
118	Microstructures in the aqueous solutions of a hybrid anionic fluorocarbon/hydrocarbon surfactant. <i>Journal of Colloid and Interface Science</i> , 2003, 259, 382-390.	9.4	43
119	Photoreversible Micellar Solution as a Smart Drag-Reducing Fluid for Use in District Heating/Cooling Systems. <i>Langmuir</i> , 2013, 29, 102-109.	3.5	43
120	Mass loss and etching of frozen hydrated specimens. <i>Journal of Microscopy</i> , 1979, 117, 321-332.	1.8	42
121	Cryogenic Transmission Electron Microscopy Imaging of Vesicles Formed by a Polystyrene- <i>b</i> -Polyisoprene Diblock Copolymer. <i>Macromolecules</i> , 2005, 38, 6779-6781.	4.8	42
122	Cryo-SEM specimen preparation under controlled temperature and concentration conditions. <i>Journal of Microscopy</i> , 2012, 246, 60-69.	1.8	42
123	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.	2.4	41
124	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.	9.4	41
125	An amphiphilic poly(vinylidene fluoride)- <i>b</i> -poly(vinyl alcohol) block copolymer: synthesis and self-assembly in water. <i>Polymer Chemistry</i> , 2017, 8, 1125-1128.	3.9	40
126	Mathematical Modeling of Microwave Thawing by the Modified Isotherm Migration Method. <i>Journal of Food Science</i> , 1987, 52, 455-463.	3.1	39

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127	Microstructure of polyacrylate/polystyrene two-stage latices. <i>Polymer</i> , 1989, 30, 416-424.	3.8	39
128	Influence of Hydrocarbon Surfactant on the Aggregation Behavior of Silicone Surfactant: Observation of Intermediate Structures in the Vesicle-Micelle Transition. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5621-5626.	2.6	39
129	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.	9.4	38
130	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.	4.6	38
131	Physicochemical, Cytotoxic, and Dermal Release Features of a Novel Cationic Liposome Nanocarrier. <i>Advanced Healthcare Materials</i> , 2013, 2, 692-701.	7.6	38
132	Surfactant-assisted individualization and dispersion of boron nitride nanotubes. <i>Nanoscale Advances</i> , 2019, 1, 1096-1103.	4.6	38
133	Scalable Purification of Boron Nitride Nanotubes via Wet Thermal Etching. <i>Chemistry of Materials</i> , 2019, 31, 1520-1527.	6.7	38
134	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.	9.4	37
135	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.	9.4	37
136	Direct imaging of microstructures formed in aqueous solutions of polyamphiphiles. <i>Macromolecules</i> , 1992, 25, 4220-4223.	4.8	37
137	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.	2.4	37
138	Triggered Release of Aqueous Content from Liposome-Derived Sol-Gel Nanocapsules. <i>Langmuir</i> , 2007, 23, 12024-12031.	3.5	37
139	Liposome Fusion Rates Depend upon the Conformation of Polycation Catalysts. <i>Journal of the American Chemical Society</i> , 2011, 133, 2881-2883.	13.7	37
140	Swelling of L ₁ -Phases by Matching the Refractive Index of the Water-Glycerol Mixed Solvent and that of the Bilayers in the Block Copolymer System of (EO) ₁₅ (PDMS) ₁₅ (EO) ₁₅ . <i>Journal of Physical Chemistry B</i> , 2007, 111, 6374-6382.	2.6	36
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.	3.5	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.	2.6	35
143	Microstructural transition of aqueous CTAB micelles in the presence of long chain alcohols. <i>RSC Advances</i> , 2015, 5, 12434-12441.	3.6	35
144	Direct visualization of lipid aggregates in native human bile by light- and cryo-transmission electron-microscopy. <i>FEBS Letters</i> , 1994, 340, 78-82.	2.8	34

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145	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.	13.7	34
146	Solvatochromic fluorescent BODIPY derivative as imaging agent in camptothecin loaded hexosomes for possible theranostic applications. <i>RSC Advances</i> , 2015, 5, 23443-23449.	3.6	34
147	The study of nanostructured liquids by cryogenic-temperature electron microscopy – A status report. <i>Journal of Molecular Liquids</i> , 2015, 210, 2-8.	4.9	34
148	Capacious and programmable multi-liposomal carriers. <i>Nanoscale</i> , 2015, 7, 1635-1641.	5.6	34
149	Structural Transition in Myelin Membrane as Initiator of Multiple Sclerosis. <i>Journal of the American Chemical Society</i> , 2016, 138, 12159-12165.	13.7	34
150	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.	2.8	34
151	Ostwald Ripening in the Transient Regime: A Cryo-TEM Study. <i>Langmuir</i> , 2000, 16, 961-967.	3.5	33
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