Karen Edler

List of Publications by Year
in descending order

212 papers	6,917 citations	70961 41 h-index	79541 73 g-index
218 all docs	218 docs citations	218 times ranked	8281 citing authors

#	Article	IF	Citations
1	The Effect of Water upon Deep Eutectic Solvent Nanostructure: An Unusual Transition from Ionic Mixture to Aqueous Solution. Angewandte Chemie - International Edition, 2017, 56, 9782-9785.	7.2	497
2	Gas sensing using porous materials for automotive applications. Chemical Society Reviews, 2015, 44, 4290-4321.	18.7	406
3	Liquid structure of the choline chloride-urea deep eutectic solvent (reline) from neutron diffraction and atomistic modelling. Green Chemistry, 2016, 18, 2736-2744.	4.6	395
4	Liquid crystalline assemblies of ordered gold nanorods. Journal of Materials Chemistry, 2002, 12, 2909-2912.	6.7	191
5	Synthesis and post-synthetic modification of MIL-101(Cr)-NH2via a tandem diazotisation process. Chemical Communications, 2012, 48, 12053.	2.2	166
6	Structural analysis of a nanoparticle containing a lipid bilayer used for detergent-free extraction of membrane proteins. Nano Research, 2015, 8, 774-789.	5.8	161
7	Size-controlled synthesis of MIL-101(Cr) nanoparticles with enhanced selectivity for CO2 over N2. CrystEngComm, 2011, 13, 6916.	1.3	128
8	Deep eutectic-solvothermal synthesis of nanostructured ceria. Nature Communications, 2017, 8, 14150.	5.8	122
9	Resilience of Malic Acid Natural Deep Eutectic Solvent Nanostructure to Solidification and Hydration. Journal of Physical Chemistry B, 2017, 121, 7473-7483.	1.2	122
10	Pickering emulsions stabilized by naturally derived or biodegradable particles. Current Opinion in Green and Sustainable Chemistry, 2018, 12, 83-90.	3.2	121
11	Further Improvements in the Long-Range Order of MCM-41 Materials. Chemistry of Materials, 1997, 9, 1226-1233.	3.2	111
12	Surfactant Behavior of Sodium Dodecylsulfate in Deep Eutectic Solvent Choline Chloride/Urea. Langmuir, 2015, 31, 12894-12902.	1.6	105
13	Diffuse wall structure and narrow mesopores in highly crystalline MCM-41 materials studied by X-ray diffraction. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 199-202.	1.7	104
14	Protein conformation in pure and hydrated deep eutectic solvents. Physical Chemistry Chemical Physics, 2017, 19, 8667-8670.	1.3	97
15	The Influence of Mercury Contact Angle, Surface Tension, and Retraction Mechanism on the Interpretation of Mercury Porosimetry Data. Journal of Colloid and Interface Science, 2002, 250, 175-190.	5.0	91
16	An acid-compatible co-polymer for the solubilization of membranes and proteins into lipid bilayer-containing nanoparticles. Nanoscale, 2018, 10, 10609-10619.	2.8	91
17	Insights into the Role of Polymer-Surfactant Complexes in Drug Solubilisation/Stabilisation During Drug Release from Solid Dispersions. Pharmaceutical Research, 2013, 30, 290-302.	1.7	83
18	Preparation and characterisation of chemisorbents based on heteropolyacids supported on synthetic mesoporous carbons and silica. Catalysis Today, 2003, 81, 611-621.	2.2	79

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19	Growth and characterization of mesoporous silica films. International Reviews in Physical Chemistry, 2001, 20, 387-466.	0.9	72
20	An Experimental Study of Gas Adsorption on Fractal Surfaces. Langmuir, 2005, 21, 2281-2292.	1.6	72
21	Small-Angle Neutron Scattering Studies on the Mesoporous Molecular Sieve MCM-41. Journal of Physical Chemistry B, 1998, 102, 3676-3683.	1.2	67
22	Convection-Enhanced Delivery of Carboplatin PLGA Nanoparticles for the Treatment of Glioblastoma. PLoS ONE, 2015, 10, e0132266.	1.1	67
23	Nanostructure of the deep eutectic solvent/platinum electrode interface as a function of potential and water content. Nanoscale Horizons, 2019, 4, 158-168.	4.1	67
24	Atomistic modelling of scattering data in the Collaborative Computational Project for Small Angle Scattering (CCP-SAS). Journal of Applied Crystallography, 2016, 49, 1861-1875.	1.9	67
25	Atomistic Structure of a Micelle in Solution Determined by Wide <i>Q</i>-Range Neutron Diffraction. Journal of the American Chemical Society, 2011, 133, 16524-16536.	6.6	66
26	Azuleneâ€“boronate esters: colorimetric indicators for fluoride in drinking water. Chemical Communications, 2017, 53, 12580-12583.	2.2	65
27	Chemically surface-modified carbon nanoparticle carrier for phenolic pollutants: Extraction and electrochemical determination of benzophenone-3 and triclosan. Analytica Chimica Acta, 2008, 616, 28-35.	2.6	64
28	The Effect of Water upon Deep Eutectic Solvent Nanostructure: An Unusual Transition from Ionic Mixture to Aqueous Solution. Angewandte Chemie, 2017, 129, 9914-9917.	1.6	59
29	Influence of Poly(styrene-<i>co</i>-maleic acid) Copolymer Structure on the Properties and Self-Assembly of SMALP Nanodiscs. Biomacromolecules, 2018, 19, 761-772.	2.6	57
30	Thin-Film Modified Electrodes with Reconstituted Celluloseâ˘'PDDAC Films for the Accumulation and Detection of Triclosan. Journal of Physical Chemistry C, 2008, 112, 2660-2666.	1.5	56
31	Surfactantâ€“Solvent Interaction Effects on the Micellization of Cationic Surfactants in a Carboxylic Acid-Based Deep Eutectic Solvent. Langmuir, 2017, 33, 14304-14314.	1.6	56
32	Micelle structure in a deep eutectic solvent: a small-angle scattering study. Physical Chemistry Chemical Physics, 2016, 18, 14063-14073.	1.3	55
33	Formation of shear thinning gels from partially oxidised cellulose nanofibrils. Green Chemistry, 2012, 14, 300-303.	4.6	53
34	Micellization of alkyltrimethylammonium bromide surfactants in choline chloride:glycerol deep eutectic solvent. Physical Chemistry Chemical Physics, 2016, 18, 33240-33249.	1.3	53
35	Structure and Properties of â€œType IVâ€•Lanthanide Nitrate Hydrate:Urea Deep Eutectic Solvents. ACS Sustainable Chemistry and Engineering, 2019, 7, 4932-4940.	3.2	52
36	Room-temperature formation of molecular sieve MCM-41. Journal of the Chemical Society Chemical Communications, 1995, , 155.	2.0	49

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37	DNA Binding to Zwitterionic Model Membranes. Langmuir, 2010, 26, 4965-4976.	1.6	49
38	Current Understanding of Formation Mechanisms in Surfactant-Templated Materials. Australian Journal of Chemistry, 2005, 58, 627.	0.5	46
39	Structure and dynamics of hydrogen sorption in mesoporous MCM-41. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 1667-1674.	1.7	45
40	Deep eutectic solventsâ€"The vital link between ionic liquids and ionic solutions. Journal of Chemical Physics, 2021, 155, 150401.	1.2	45
41	Concentration-Dependent Formation Mechanisms in Mesophase Silicaâ^'Surfactant Films. Langmuir, 2002, 18, 9838-9844.	1.6	42
42	Thin Films of Polyethylenimine and Alkyltrimethylammonium Bromides at the Air/Water Interface. Macromolecules, 2005, 38, 8785-8794.	2.2	41
43	Facile synthesis of crack-free metalâ€"organic framework films on alumina by a dip-coating route in the presence of polyethylenimine. Journal of Materials Chemistry A, 2013, 1, 5497.	5.2	41
44	TEMPO-oxidised cellulose nanofibrils; probing the mechanisms of gelation<i>via</i>small angle X-ray scattering. Physical Chemistry Chemical Physics, 2018, 20, 16012-16020.	1.3	41
45	Microwave-assisted deep eutectic-solvothermal preparation of iron oxide nanoparticles for photoelectrochemical solar water splitting. Journal of Materials Chemistry A, 2017, 5, 16189-16199.	5.2	40
46	Direct reversible voltammetry and electrocatalysis with surface-stabilised Fe2O3 redox states. Electrochemistry Communications, 2008, 10, 1773-1776.	2.3	38
47	Formation of mesostructured thin films at the airâ€"liquid interface. Chemical Society Reviews, 2013, 42, 3765-3776.	18.7	38
48	Evidence of Lipid Exchange in Styrene Maleic Acid Lipid Particle (SMALP) Nanodisc Systems. Langmuir, 2016, 32, 11845-11853.	1.6	38
49	Hydrophobization of Cellulose Nanocrystals for Aqueous Colloidal Suspensions and Gels. Biomacromolecules, 2020, 21, 1812-1823.	2.6	38
50	Silica Gels with Tunable Nanopores through Templating of the L3Phase. Langmuir, 2000, 16, 398-406.	1.6	37
51	Determination of the percolation properties and pore connectivity for mesoporous solids using NMR cryodiffusometry. Chemical Engineering Science, 2008, 63, 1929-1940.	1.9	37
52	Boronic aciddendrimerreceptor modified nanofibrillar cellulose membranes. Journal of Materials Chemistry, 2010, 20, 588-594.	6.7	37
53	Small angle X-ray scattering from MCM-41 and its synthesis gels: optimisation of the synthesis parameters. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1995, 102, 213-230.	2.3	36
54	Free-Standing Ordered Mesoporous Silica Films Synthesized with Surfactantâ^'Polyelectrolyte Complexes at the Air/Water Interface. Chemistry of Materials, 2009, 21, 1221-1231.	3.2	36

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55	Thermal stability, storage and release of proteins with tailored fit in silica. Scientific Reports, 2017, 7, 46568.	1.6	36
56	Structural studies on surfactant-templated silica films grown at the air/water interface. Microporous and Mesoporous Materials, 2001, 44-45, 661-670.	2.2	35
57	Spontaneous free-standing nanostructured film growth in polyelectrolyte-surfactant systems. Chemical Communications, 2003, , 1724.	2.2	34
58	Toward Process-Resilient Lignin-Derived Activated Carbons for Hydrogen Storage Applications. ACS Sustainable Chemistry and Engineering, 2020, 8, 2186-2195.	3.2	33
59	Langmuirâ€"Blodgett Deposited Monolayers of Silicalite-1 Seeds for Secondary Growth of Continuous Zeolite Films. Chemistry of Materials, 2007, 19, 5806-5808.	3.2	32
60	Understanding heat driven gelation of anionic cellulose nanofibrils: Combining saturation transfer difference (STD) NMR, small angle X-ray scattering (SAXS) and rheology. Journal of Colloid and Interface Science, 2019, 535, 205-213.	5.0	32
61	Structural Evolution of Surfactantâ^'Silica Film-Forming Solutions, Investigated Using Small-Angle Neutron Scattering. Chemistry of Materials, 2002, 14, 4292-4299.	3.2	31
62	Insights into the Influence of Solvent Polarity on the Crystallization of Poly(ethylene oxide) Spin-Coated Thin Films viain SituGrazing Incidence Wide-Angle X-ray Scattering. Macromolecules, 2016, 49, 4579-4586.	2.2	31
63	Long-Range Electrostatic Colloidal Interactions and Specific Ion Effects in Deep Eutectic Solvents. Journal of the American Chemical Society, 2021, 143, 14158-14168.	6.6	31
64	Recent progress in Pickering emulsions stabilised by bioderived particles. RSC Advances, 2021, 11, 39027-39044.	1.7	31
65	Preparation dependent stability of pure silica MCMâ€41. Journal of Materials Chemistry, 1999, 9, 2611-2615.	6.7	30
66	Counterion binding alters surfactant self-assembly in deep eutectic solvents. Physical Chemistry Chemical Physics, 2018, 20, 13952-13961.	1.3	30
67	Self-assembly and surface behaviour of pure and mixed zwitterionic amphiphiles in a deep eutectic solvent. Soft Matter, 2018, 14, 5525-5536.	1.2	30
68	Vesicular drug delivery for the treatment of topical disorders: current and future perspectives. Journal of Pharmacy and Pharmacology, 2021, 73, 1427-1441.	1.2	30
69	Formation of CTAB-templated mesophase silicate films from acidic solutions. Microporous and Mesoporous Materials, 2003, 62, 165-175.	2.2	29
70	Voltammetric optimisation of TEMPO-mediated oxidations at cellulose fabric. Green Chemistry, 2014, 16, 3322-3327.	4.6	29
71	Ibuprofen delivery into and through the skin from novel oxidized cellulose-based gels and conventional topical formulations. International Journal of Pharmaceutics, 2016, 514, 238-243.	2.6	29
72	Facile synthesis of metalâ€"organic framework films via in situ seeding of nanoparticles. Chemical Communications, 2012, 48, 4965.	2.2	27

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73	NMR cryoporometry characterisation studies of the relation between drug release profile and pore structural evolution of polymeric nanoparticles. International Journal of Pharmaceutics, 2014, 469, 146-158.	2.6	27
74	Unravelling cationic cellulose nanofibril hydrogel structure: NMR spectroscopy and small angle neutron scattering analyses. Soft Matter, 2018, 14, 255-263.	1.2	27
75	Synthesis, Properties, and Applications of Bio-Based Cyclic Aliphatic Polyesters. Biomacromolecules, 2021, 22, 3649-3667.	2.6	27
76	Morphology Modulation of Ionic Surfactant Micelles in Ternary Deep Eutectic Solvents. Journal of Physical Chemistry B, 2020, 124, 6004-6014.	1.2	26
77	Interactions and film formation in polyethylenimineâ€“cetyltrimethylammonium bromide aqueous mixtures at low surfactant concentration. Soft Matter, 2007, 3, 747-753.	1.2	25
78	Small Angle Neutron Scattering Studies on the Internal Structure of Poly(lactide-<i>co</i>-glycolide)-<i>block</i>-poly(ethylene glycol) Nanoparticles as Drug Delivery Vehicles. Biomacromolecules, 2015, 16, 457-464.	2.6	25
79	Intrinsically Microporous Polymer Retains Porosity in Vacuum Thermolysis to Electroactive Heterocarbon. Langmuir, 2015, 31, 12300-12306.	1.6	25
80	Encapsulated membrane proteins: A simplified system for molecular simulation. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2549-2557.	1.4	25
81	Measurement of the Adsorption of Cytochrome c onto the External Surface of a Thin-Film Mesoporous Silicate by Ellipsometry. Langmuir, 2004, 20, 532-536.	1.6	24
82	Tuning percolation speed in layer-by-layer assembled polyanilineâ€“nanocellulose composite films. Journal of Solid State Electrochemistry, 2011, 15, 2675-2681.	1.2	24
83	A neutron scattering and modelling study of aqueous solutions of tetramethylammonium and tetrapropylammonium bromide. Physical Chemistry Chemical Physics, 2016, 18, 11193-11201.	1.3	24
84	Codelivery of a cytotoxin and photosensitiser <i>via</i> a liposomal nanocarrier: a novel strategy for light-triggered cytosolic release. Nanoscale, 2018, 10, 20366-20376.	2.8	23
85	Ordered Mesoporous Particles in Titania Films with Hierarchical Structure as Scattering Layers in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2015, 119, 22552-22559.	1.5	22
86	Mechanically robust cationic cellulose nanofibril 3D scaffolds with tuneable biomimetic porosity for cell culture. Journal of Materials Chemistry B, 2019, 7, 53-64.	2.9	22
87	Mesoporous Silver Films from Dilute Mixed-Surfactant Solutions by Using Dip-Coating. Advanced Materials, 2007, 19, 1506-1509.	11.1	21
88	Electrochemically Active Mercury Nanodroplets Trapped in a Carbon Nanoparticleâ€“Chitosan Matrix. Electroanalysis, 2009, 21, 261-266.	1.5	21
89	Sulfur-Doped Cubic Mesostructured Titania Films for Use as a Solar Photocatalyst. Journal of Physical Chemistry C, 2017, 121, 9929-9937.	1.5	21
90	Characterization of the Structure of Mesoporous Thin Films Grown at the Air/Water Interface Using X-ray Surface Techniques. Langmuir, 2003, 19, 2639-2642.	1.6	19

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91	Formation of robust, free-standing nanostructured membranes from catanionic surfactant mixtures and hydrophilic polymers. Chemical Communications, 2007, , 1068-1070.	2.2	19
92	Ultrathin Carbon Film Electrodes from Vacuumâ€Carbonised Cellulose Nanofibril Composite. Electroanalysis, 2010, 22, 619-624.	1.5	19
93	Alcohol induced gelation of TEMPO-oxidized cellulose nanofibril dispersions. Soft Matter, 2018, 14, 9243-9249.	1.2	19
94	Cationic surfactants as a non-covalent linker for oxidised cellulose nanofibrils and starch-based hydrogels. Carbohydrate Polymers, 2020, 233, 115816.	5.1	18
95	Non-volatile conductive gels made from deep eutectic solvents and oxidised cellulose nanofibrils. Nanoscale Advances, 2021, 3, 2252-2260.	2.2	18
96	Assembly of nonionicâ€"anionic co-surfactants to template mesoporous silica vesicles with hierarchical structures. Microporous and Mesoporous Materials, 2010, 131, 21-27.	2.2	17
97	Probing the impact of advanced melting and advanced adsorption phenomena on the accuracy of pore size distributions from cryoporometry and adsorption using NMR relaxometry and diffusometry. Journal of Colloid and Interface Science, 2012, 385, 183-192.	5.0	17
98	Influence of Aromatic Structure on the Thermal Behaviour of Lignin. Waste and Biomass Valorization, 2020, 11, 2863-2876.	1.8	17
99	Enzyme-Functionalized Cellulose Beads as a Promising Antimicrobial Material. Biomacromolecules, 2021, 22, 754-762.	2.6	17
100	Macroscopic, Mesostructured Cationic Surfactant/Neutral Polymer Films:Â Structure and Cross-Linking. Langmuir, 2007, 23, 4589-4598.	1.6	16
101	Layer-by-layer deposition of open-pore mesoporous TiO2-NafionÂ® film electrodes. Journal of Solid State Electrochemistry, 2007, 11, 1109-1117.	1.2	16
102	Fundamental studies of gas sorption within mesopores situated amidst an inter-connected, irregular network. Adsorption, 2008, 14, 289-307.	1.4	16
103	Nonequilibrium Phase Transformations at the Airâ˘'Liquid Interface. Langmuir, 2009, 25, 12177-12184.	1.6	16
104	Surfactant controlled zwitterionic cellulose nanofibril dispersions. Soft Matter, 2018, 14, 7793-7800.	1.2	16
105	Nano-encapsulated Escherichia coli Divisome Anchor ZipA, and in Complex with FtsZ. Scientific Reports, 2019, 9, 18712.	1.6	16
106	Soap and sand: construction tools for nanotechnology. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2004, 362, 2635-2651.	1.6	15
107	Self-Assembled Films Formed at the Airâ€"Water Interface from CTAB/SDS Mixtures with Water-Soluble Polymers. Langmuir, 2009, 25, 4047-4055.	1.6	15
108	The role of protein hydrophobicity in thioninâ€"phospholipid interactions: a comparison of Î±1 and Î±2-purothionin adsorbed anionic phospholipid monolayers. Physical Chemistry Chemical Physics, 2012, 14, 13569.	1.3	15

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109	Langmuir monolayers composed of single and double tail sulfobetaine lipids. Journal of Colloid and Interface Science, 2016, 474, 190-198.	5.0	15
110	Mesoporous Silica Formation Mechanisms Probed Using Combined Spinâ€“Echo Modulated Small-Angle Neutron Scattering (SEMSANS) and Small-Angle Neutron Scattering (SANS). ACS Applied Materials & Interfaces, 2020, 12, 28461-28473.	4.0	15
111	Salt-Responsive Pickering Emulsions Stabilized by Functionalized Cellulose Nanofibrils. Langmuir, 2021, 37, 6864-6873.	1.6	15
112	Formation of mesostructured thin films at the air/water interface. Thin Solid Films, 2006, 495, 2-10.	0.8	14
113	Outset of the Morphology of Nanostructured Silica Particles during Nucleation Followed by Ultrasmall-Angle X-ray Scattering. Langmuir, 2016, 32, 5162-5172.	1.6	14
114	Influence of levofloxacin and clarithromycin on the structure of DPPC monolayers. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 182994.	1.4	14
115	Self-assembly of amphiphilic polyoxometalates for the preparation of mesoporous polyoxometalate-titania catalysts. Nanoscale, 2020, 12, 22245-22257.	2.8	14
116	Ensilicated tetanus antigen retains immunogenicity: in vivo study and time-resolved SAXS characterization. Scientific Reports, 2020, 10, 9243.	1.6	14
117	Structural evolution of iron forming iron oxide in a deep eutectic-solvothermal reaction. Nanoscale, 2021, 13, 1723-1737.	2.8	14
118	In situ Brewster angle microscopy and surface pressure studies on the interfacial growth of mesostructured silica thin films. Chemical Communications, 2000, , 773-774.	2.2	13
119	Using Nano-Cast Model Porous Media and Integrated Gas Sorption to Improve Fundamental Understanding and Data Interpretation in Mercury Porosimetry. Particle and Particle Systems Characterization, 2006, 23, 82-93.	1.2	13
120	Growth-collapse mechanism of PEI-CTAB films at the airâ€“water interface. Soft Matter, 2011, 7, 11125.	1.2	13
121	Shear and salt effects on the structure of MCM-41 synthesis gels. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 1287-1291.	1.7	12
122	Liquid Crystal Codendrimers with a Statistical Distribution of Phenolic and Mesogenic Groups: Behavior as Langmuir and Langmuirâ^'Blodgett Films. Langmuir, 2008, 24, 11082-11088.	1.6	12
123	Silicaâ€“Surfactantâ€“Polyelectrolyte Film Formation: Evolution in the Subphase. Langmuir, 2012, 28, 8337-8347.	1.6	12
124	Processes associated with ionic current rectification at a 2D-titanate nanosheet deposit on a microhole poly(ethylene terephthalate) substrate. Journal of Solid State Electrochemistry, 2019, 23, 1237-1248.	1.2	12
125	Charge-driven interfacial gelation of cellulose nanofibrils across the water/oil interface. Soft Matter, 2020, 16, 357-365.	1.2	12
126	Filler size effect in an attractive fibrillated network: a structural and rheological perspective. Soft Matter, 2020, 16, 3303-3310.	1.2	12

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127	Interactions of water and amphiphiles with deep eutectic solvent nanostructures. Advances in Botanical Research, 2021, 97, 41-68.	0.5	12
128	Nanocasting of novel, designer-structured catalyst supports. Chemical Engineering Science, 2004, 59, 5113-5120.	1.9	11
129	Humidity and Temperature Effects on CTAB-Templated Mesophase Silicate Films at the Airâˆ'Liquid Interface. Langmuir, 2004, 20, 10679-10684.	1.6	11
130	Nanoscum: solid nanostructured films at the airâ€“water interface. Soft Matter, 2006, 2, 284.	1.2	11
131	Microcalorimetric Study of Ammonia Chemisorption on H3PW12O40Supported onto Mesoporous Synthetic Carbons and SBA-15. Langmuir, 2006, 22, 7664-7671.	1.6	11
132	Evolution of non-ionic surfactant-templated silicate films at the airâ€“liquid interface. Journal of Materials Chemistry, 2008, 18, 1222.	6.7	11
133	Control of mesostructure in self-assembled polymer/surfactant films by rational micelle design. Soft Matter, 2012, 8, 3357.	1.2	11
134	Self-assembly and phase behaviour of PEIâ€‰:â€‰cationic surfactant aqueous mixtures forming mesostructured films at the air/solution interface. Soft Matter, 2013, 9, 4003.	1.2	11
135	Freeâ€Standing Phytantriol Q²²⁴ Cubicâ€Phase Films: Resistivity Monitoring and Switching. ChemElectroChem, 2017, 4, 1172-1180.	1.7	11
136	Coarse-grained empirical potential structure refinement: Application to a reverse aqueous micelle. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1652-1660.	1.1	11
137	Decyltrimethylammonium Bromide Micelles in Acidic Solutions: Counterion Binding, Water Structuring, and Micelle Shape. Langmuir, 2017, 33, 262-271.	1.6	11
138	Temperature and concentration effects on decyltrimethylammonium micelles in water. Molecular Physics, 2019, 117, 3389-3397.	0.8	11
139	Bacteriophage M13 Aggregation on a Microhole Poly(ethylene terephthalate) Substrate Produces an Anionic Current Rectifier: Sensitivity toward Anionic versus Cationic Guests. ACS Applied Bio Materials, 2020, 3, 512-521.	2.3	11
140	Self-assembly of ionic and non-ionic surfactants in type IV cerium nitrate and urea based deep eutectic solvent. Journal of Chemical Physics, 2021, 155, 084902.	1.2	11
141	Electro-deposition of thin cellulose films at boron-doped diamond substrates. Electrochemistry Communications, 2007, 9, 42-48.	2.3	10
142	Incorporation of sparingly soluble species in mesostructured surfactantâ€“polymer films. Journal of Colloid and Interface Science, 2008, 317, 585-592.	5.0	10
143	Microwave-electrochemical formation of colloidal zinc oxide at fluorine doped tin oxide electrodes. Electrochimica Acta, 2010, 55, 7909-7915.	2.6	10
144	Water-Responsive Internally Structured Polymerâ€“Surfactant Films on Solid Surfaces. Langmuir, 2014, 30, 12525-12531.	1.6	10

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145	Effect of Micelle Composition on the Formation of Surfactant-Templated Polymer Films. Journal of Physical Chemistry B, 2006, 110, 5330-5336.	1.2	9
146	Studies of structureâ€"transport relationships in biodegradable polymer microspheres for drug delivery using NMR cryodiffusometry. Chemical Engineering Science, 2010, 65, 611-625.	1.9	9
147	Hydrothermal coreâ€"shell carbon nanoparticle films: thinning the shell leads to dramatic pH response. Physical Chemistry Chemical Physics, 2012, 14, 15860.	1.3	9
148	Robust Ordered Cubic Mesostructured Polymer/Silica Composite Films Grown at the Air/Water Interface. Langmuir, 2013, 29, 4148-4158.	1.6	9
149	Assessing molecular simulation for the analysis of lipid monolayer reflectometry. Journal of Physics Communications, 2019, 3, 075001.	0.5	9
150	Bayesian determination of the effect of a deep eutectic solvent on the structure of lipid monolayers. Physical Chemistry Chemical Physics, 2019, 21, 6133-6141.	1.3	9
151	Adsorption of a styrene maleic acid (SMA) copolymer-stabilized phospholipid nanodisc on a solid-supported planar lipid bilayer. Journal of Colloid and Interface Science, 2020, 574, 272-284.	5.0	9
152	Bottom-up cubosome synthesis without organic solvents. Journal of Colloid and Interface Science, 2021, 601, 98-105.	5.0	9
153	Multiple thin film formation from dilute mixtures of polyethyleneimine (PEI) and cetyltrimethylammonium bromide (CTAB). Journal of Colloid and Interface Science, 2009, 339, 495-501.	5.0	8
154	Probing hysteresis during sorption of cyclohexane within mesoporous silica using NMR cryoporometry and relaxometry. Journal of Colloid and Interface Science, 2013, 398, 168-175.	5.0	8
155	Combining wide-angle and small-angle scattering to study colloids and self-assembly. Current Opinion in Colloid and Interface Science, 2015, 20, 227-234.	3.4	8
156	Deep eutectic solvent in water pickering emulsions stabilised by cellulose nanofibrils. RSC Advances, 2020, 10, 37023-37027.	1.7	8
157	Keratinâ€"Chitosan Microcapsules via Membrane Emulsification and Interfacial Complexation. ACS Sustainable Chemistry and Engineering, 2021, 9, 16617-16626.	3.2	8
158	Underpotential surface reduction of mesoporous CeO2 nanoparticle films. Journal of Solid State Electrochemistry, 2008, 12, 1541-1548.	1.2	7
159	Association of Titania with Nonionic Block Copolymers in Ethanol: The Early Stages of Templating and Film Formation. Chemistry of Materials, 2010, 22, 4579-4590.	3.2	7
160	Interactions between quaternary ammonium surfactants and polyethylenimine at high pH in film forming systems. Journal of Colloid and Interface Science, 2015, 449, 286-296.	5.0	7
161	Kinetic Influence of Siliceous Reactions on Structure Formation of Mesoporous Silica Formed via the Co-Structure Directing Agent Route. Journal of Physical Chemistry C, 2016, 120, 3814-3821.	1.5	7
162	Impact of wormlike micelles on nano and macroscopic structure of TEMPO-oxidized cellulose nanofibril hydrogels. Soft Matter, 2020, 16, 4887-4896.	1.2	7

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163	Neutron Diffraction Study of Indole Solvation in Deep Eutectic Systems of Choline Chloride, Malic Acid, and Water. Chemistry - A European Journal, 2022, 28, .	1.7	7
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