# Karen Edler

List of Publications by Year
in descending order

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| 212 | 6,917 | 70961 | 79541 |
|---|---|---|---|
| papers | citations | 41 h-index | 73 g-index |

| 218 | 218 | 218 | 8281 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Disposable Coverslip for Rapid Throughput Screening of Malaria Using Attenuated Total Reflection Spectroscopy. Applied Spectroscopy, 2022, 76, 451-461. | 1.2 | 5 |
| 2 | Continuous rotary membrane emulsification for the production of sustainable Pickering emulsions. Chemical Engineering Science, 2022, 249, 117328. | 1.9 | 6 |
| 3 | Ab initio reconstruction of small angle scattering data for membrane proteins in copolymer nanodiscs. BBA Advances, 2022, 2, 100033. | 0.7 | 0 |
| 4 | Styreneâ€“Maleic Acid Copolymer Nanodiscs to Determine the Shape of Membrane Proteins. Journal of Physical Chemistry B, 2022, 126, 1034-1044. | 1.2 | 1 |
| 5 | Fluorescent styrene maleic acid copolymers to facilitate membrane protein studies in lipid nanodiscs. Nanoscale, 2022, 14, 5689-5693. | 2.8 | 3 |
| 6 | Stable Cellulose Nanofibril Microcapsules from Pickering Emulsion Templates. Langmuir, 2022, 38, 3370-3379. | 1.6 | 4 |
| 7 | Membrane extraction with styrene-maleic acid copolymer results in insulin receptor autophosphorylation in the absence of ligand. Scientific Reports, 2022, 12, 3532. | 1.6 | 5 |
| 8 | The interaction of styrene maleic acid copolymers with phospholipids in Langmuir monolayers, vesicles and nanodiscs; a structural study. Journal of Colloid and Interface Science, 2022, 625, 220-236. | 5.0 | 4 |
| 9 | Production of sub-10 micrometre cellulose microbeads using isoporous membranes. , 2022, 2, 100024. | | 4 |
| 10 | 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 |
| 11 | In situ X-ray reflectivity and GISAXS study of mesoporous silica films grown from sodium silicate solution precursors. Microporous and Mesoporous Materials, 2022, , 112018. | 2.2 | 3 |
| 12 | Interactions of water and amphiphiles with deep eutectic solvent nanostructures. Advances in Botanical Research, 2021, 97, 41-68. | 0.5 | 12 |
| 13 | Microstructural, Thermal, Crystallization, and Water Absorption Properties of Films Prepared from Neverâ€Đried and Freezeâ€Đried Cellulose Nanocrystals. Macromolecular Materials and Engineering, 2021, 306, 2000462. | 1.7 | 3 |
| 14 | Composite Hydrogel Spheroids Based on Cellulose Nanofibrils and Nanofibrous Chiral Coordination Polymer by Green Synthesis. Advanced Sustainable Systems, 2021, 5, 2000069. | 2.7 | 2 |
| 15 | Structural evolution of iron forming iron oxide in a deep eutectic-solvothermal reaction. Nanoscale, 2021, 13, 1723-1737. | 2.8 | 14 |
| 16 | Enzyme-Functionalized Cellulose Beads as a Promising Antimicrobial Material. Biomacromolecules, 2021, 22, 754-762. | 2.6 | 17 |
| 17 | Monovalent Salt and pH-Induced Gelation of Oxidised Cellulose Nanofibrils and Starch Networks: Combining Rheology and Small-Angle X-ray Scattering. Polymers, 2021, 13, 951. | 2.0 | 3 |
| 18 | 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 |

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| 19 | Salt-Responsive Pickering Emulsions Stabilized by Functionalized Cellulose Nanofibrils. Langmuir, 2021, 37, 6864-6873. | 1.6 | 15 |
| 20 | Spin diffusion transfer difference (SDTD) NMR: An advanced method for the characterisation of water structuration within particle networks. Journal of Colloid and Interface Science, 2021, 594, 217-227. | 5.0 | 6 |
| 21 | Rheological modification of partially oxidised cellulose nanofibril gels with inorganic clays. PLoS ONE, 2021, 16, e0252660. | 1.1 | 2 |
| 22 | Physiochemical Changes to TTCF Ensilication Investigated Using Time-Resolved SAXS. AppliedChem, 2021, 1, 4-13. | 0.2 | 0 |
| 23 | 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 |
| 24 | Synthesis, Properties, and Applications of Bio-Based Cyclic Aliphatic Polyesters. Biomacromolecules, 2021, 22, 3649-3667. | 2.6 | 27 |
| 25 | 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 |
| 26 | Bottom-up cubosome synthesis without organic solvents. Journal of Colloid and Interface Science, 2021, 601, 98-105. | 5.0 | 9 |
| 27 | Non-volatile conductive gels made from deep eutectic solvents and oxidised cellulose nanofibrils. Nanoscale Advances, 2021, 3, 2252-2260. | 2.2 | 18 |
| 28 | Deep eutectic solventsâ€"The vital link between ionic liquids and ionic solutions. Journal of Chemical Physics, 2021, 155, 150401. | 1.2 | 45 |
| 29 | Development of Methodology to Investigate the Surface SMALPome of Mammalian Cells. Frontiers in Molecular Biosciences, 2021, 8, 780033. | 1.6 | 3 |
| 30 | Keratinâ€"Chitosan Microcapsules via Membrane Emulsification and Interfacial Complexation. ACS Sustainable Chemistry and Engineering, 2021, 9, 16617-16626. | 3.2 | 8 |
| 31 | Recent progress in Pickering emulsions stabilised by bioderived particles. RSC Advances, 2021, 11, 39027-39044. | 1.7 | 31 |
| 32 | Influence of Aromatic Structure on the Thermal Behaviour of Lignin. Waste and Biomass Valorization, 2020, 11, 2863-2876. | 1.8 | 17 |
| 33 | Charge-driven interfacial gelation of cellulose nanofibrils across the water/oil interface. Soft Matter, 2020, 16, 357-365. | 1.2 | 12 |
| 34 | Cationic surfactants as a non-covalent linker for oxidised cellulose nanofibrils and starch-based hydrogels. Carbohydrate Polymers, 2020, 233, 115816. | 5.1 | 18 |
| 35 | 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 |
| 36 | Multienzyme Cellulose Films as Sustainable and Self-Degradable Hydrogen Peroxide-Producing Material. Biomacromolecules, 2020, 21, 5315-5322. | 2.6 | 4 |

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| 37 | Structural and chemical heterogeneity in ancient glass probed using gas overcondensation, X-ray tomography, and solid-state NMR. Materials Characterization, 2020, 167, 110467. | 1.9 | 5 |
| 38 | Self-assembly of amphiphilic polyoxometalates for the preparation of mesoporous polyoxometalate-titania catalysts. Nanoscale, 2020, 12, 22245-22257. | 2.8 | 14 |
| 39 | Thermal resilience of ensilicated lysozyme via calorimetric and in vivo analysis. RSC Advances, 2020, 10, 29789-29796. | 1.7 | 5 |
| 40 | Deep eutectic solvent in water pickering emulsions stabilised by cellulose nanofibrils. RSC Advances, 2020, 10, 37023-37027. | 1.7 | 8 |
| 41 | Antagonistic mixing in micelles of amphiphilic polyoxometalates and hexaethylene glycol monododecyl ether. Journal of Colloid and Interface Science, 2020, 578, 608-618. | 5.0 | 2 |
| 42 | Morphology Modulation of Ionic Surfactant Micelles in Ternary Deep Eutectic Solvents. Journal of Physical Chemistry B, 2020, 124, 6004-6014. | 1.2 | 26 |
| 43 | Ensilicated tetanus antigen retains immunogenicity: in vivo study and time-resolved SAXS characterization. Scientific Reports, 2020, 10, 9243. | 1.6 | 14 |
| 44 | Filler size effect in an attractive fibrillated network: a structural and rheological perspective. Soft Matter, 2020, 16, 3303-3310. | 1.2 | 12 |
| 45 | Coreâ€“Shell Spheroidal Hydrogels Produced via Charge-Driven Interfacial Complexation. ACS Applied Polymer Materials, 2020, 2, 1213-1221. | 2.0 | 2 |
| 46 | Hydrophobization of Cellulose Nanocrystals for Aqueous Colloidal Suspensions and Gels. Biomacromolecules, 2020, 21, 1812-1823. | 2.6 | 38 |
| 47 | Toward Process-Resilient Lignin-Derived Activated Carbons for Hydrogen Storage Applications. ACS Sustainable Chemistry and Engineering, 2020, 8, 2186-2195. | 3.2 | 33 |
| 48 | Impact of wormlike micelles on nano and macroscopic structure of TEMPO-oxidized cellulose nanofibril hydrogels. Soft Matter, 2020, 16, 4887-4896. | 1.2 | 7 |
| 49 | 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 |
| 50 | 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 |
| 51 | In Situ Monitoring of Nanoparticle Formation during Iridiumâ€Catalysed Oxygen Evolution by Realâ€Time Small Angle Xâ€Ray Scattering. ChemCatChem, 2019, 11, 5313-5321. | 1.8 | 0 |
| 52 | Assessing molecular simulation for the analysis of lipid monolayer reflectometry. Journal of Physics Communications, 2019, 3, 075001. | 0.5 | 9 |
| 53 | Temperature and concentration effects on decyltrimethylammonium micelles in water. Molecular Physics, 2019, 117, 3389-3397. | 0.8 | 11 |
| 54 | 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 |

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| 55 | Structure and Properties of â€œType Iâ€•Lanthanide Nitrate Hydrate:Urea Deep Eutectic Solvents. ACS Sustainable Chemistry and Engineering, 2019, 7, 4932-4940. | 3.2 | 52 |
| 56 | Influence of levofloxacin and clarithromycin on the structure of DPPC monolayers. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 182994. | 1.4 | 14 |
| 57 | 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 |
| 58 | 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 |
| 59 | Stability and behaviour in aqueous solutions of the anionic cubic silsesquioxane substituted with tetramethylammonium. Physical Chemistry Chemical Physics, 2019, 21, 6732-6742. | 1.3 | 5 |
| 60 | Application of Experimental Design to Hydrogen Storage: Optimisation of Lignin-Derived Carbons. Journal of Carbon Research, 2019, 5, 82. | 1.4 | 6 |
| 61 | Nano-encapsulated Escherichia coli Divisome Anchor ZipA, and in Complex with FtsZ. Scientific Reports, 2019, 9, 18712. | 1.6 | 16 |
| 62 | 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 |
| 63 | 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 |
| 64 | An introduction to classical molecular dynamics simulation for experimental scattering users. Journal of Applied Crystallography, 2019, 52, 665-668. | 1.9 | 3 |
| 65 | Influence of Poly(styrene-co-maleic acid) Copolymer Structure on the Properties and Self-Assembly of SMALP Nanodiscs. Biomacromolecules, 2018, 19, 761-772. | 2.6 | 57 |
| 66 | Unravelling cationic cellulose nanofibril hydrogel structure: NMR spectroscopy and small angle neutron scattering analyses. Soft Matter, 2018, 14, 255-263. | 1.2 | 27 |
| 67 | Codelivery of a cytotoxin and photosensitiser via a liposomal nanocarrier: a novel strategy for light-triggered cytosolic release. Nanoscale, 2018, 10, 20366-20376. | 2.8 | 23 |
| 68 | Alcohol induced gelation of TEMPO-oxidized cellulose nanofibril dispersions. Soft Matter, 2018, 14, 9243-9249. | 1.2 | 19 |
| 69 | Editorial overview: Going small for big impact. Current Opinion in Green and Sustainable Chemistry, 2018, 12, A1-A2. | 3.2 | 0 |
| 70 | 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 |
| 71 | TEMPO-oxidised cellulose nanofibrils; probing the mechanisms of gelationviasmall angle X-ray scattering. Physical Chemistry Chemical Physics, 2018, 20, 16012-16020. | 1.3 | 41 |
| 72 | Towards Truly Stealth Nanodiscs. Biophysical Journal, 2018, 114, 236a. | 0.2 | 0 |

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| 73 | Surfactant controlled zwitterionic cellulose nanofibril dispersions. Soft Matter, 2018, 14, 7793-7800. | 1.2 | 16 |
| 74 | Pickering emulsions stabilized by naturally derived or biodegradable particles. Current Opinion in Green and Sustainable Chemistry, 2018, 12, 83-90. | 3.2 | 121 |
| 75 | Counterion binding alters surfactant self-assembly in deep eutectic solvents. Physical Chemistry Chemical Physics, 2018, 20, 13952-13961. | 1.3 | 30 |
| 76 | 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 |
| 77 | pylj: A teaching tool for classical atomistic simulation. The Journal of Open Source Education, 2018, 1, 19. | 0.2 | 2 |
| 78 | Formation of Ordered Mesoporous Thin Films Through Templating. , 2018, , 917-983. | | 3 |
| 79 | Model-dependent Small-angle Scattering for the Study of Complex Organic Materials. Current Organic Chemistry, 2018, 22, 750-757. | 0.9 | 0 |
| 80 | Deep eutectic-solvothermal synthesis of nanostructured ceria. Nature Communications, 2017, 8, 14150. | 5.8 | 122 |
| 81 | Freeâ€Standing Phytantriol Q<sup>224</sup> Cubicâ€Phase Films: Resistivity Monitoring and Switching. ChemElectroChem, 2017, 4, 1172-1180. | 1.7 | 11 |
| 82 | Thermal stability, storage and release of proteins with tailored fit in silica. Scientific Reports, 2017, 7, 46568. | 1.6 | 36 |
| 83 | Sulfur-Doped Cubic Mesostructured Titania Films for Use as a Solar Photocatalyst. Journal of Physical Chemistry C, 2017, 121, 9929-9937. | 1.5 | 21 |
| 84 | 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 |
| 85 | 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 |
| 86 | 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 |
| 87 | Protein conformation in pure and hydrated deep eutectic solvents. Physical Chemistry Chemical Physics, 2017, 19, 8667-8670. | 1.3 | 97 |
| 88 | Decyltrimethylammonium Bromide Micelles in Acidic Solutions: Counterion Binding, Water Structuring, and Micelle Shape. Langmuir, 2017, 33, 262-271. | 1.6 | 11 |
| 89 | 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 |
| 90 | InnenrÃ¼cktitelbild: The Effect of Water upon Deep Eutectic Solvent Nanostructure: An Unusual Transition from Ionic Mixture to Aqueous Solution (Angew. Chem. 33/2017). Angewandte Chemie, 2017, 129, 10131-10131. | 1.6 | 1 |

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| 91 | 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 |
| 92 | Azuleneâ€“boronate esters: colorimetric indicators for fluoride in drinking water. Chemical Communications, 2017, 53, 12580-12583. | 2.2 | 65 |
| 93 | 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 |
| 94 | Formation of Ordered Mesoporous Thin Films Through Templating. , 2017, , 1-67. | | 0 |
| 95 | Micellization of alkyltrimethylammonium bromide surfactants in choline chloride:glycerol deep eutectic solvent. Physical Chemistry Chemical Physics, 2016, 18, 33240-33249. | 1.3 | 53 |
| 96 | Micelle structure in a deep eutectic solvent: a small-angle scattering study. Physical Chemistry Chemical Physics, 2016, 18, 14063-14073. | 1.3 | 55 |
| 97 | 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 |
| 98 | 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 |
| 99 | Evidence of Lipid Exchange in Styrene Maleic Acid Lipid Particle (SMALP) Nanodisc Systems. Langmuir, 2016, 32, 11845-11853. | 1.6 | 38 |
| 100 | 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 |
| 101 | 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 |
| 102 | Langmuir monolayers composed of single and double tail sulfobetaine lipids. Journal of Colloid and Interface Science, 2016, 474, 190-198. | 5.0 | 15 |
| 103 | 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 |
| 104 | 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 |
| 105 | Encapsulated membrane proteins: A simplified system for molecular simulation. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2549-2557. | 1.4 | 25 |
| 106 | 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 |
| 107 | Convection-Enhanced Delivery of Carboplatin PLGA Nanoparticles for the Treatment of Glioblastoma. PLoS ONE, 2015, 10, e0132266. | 1.1 | 67 |
| 108 | Gas sensing using porous materials for automotive applications. Chemical Society Reviews, 2015, 44, 4290-4321. | 18.7 | 406 |

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| 109 | Small Angle Neutron Scattering Studies on the Internal Structure of Poly(lactide-co-glycolide)-block-poly(ethylene glycol) Nanoparticles as Drug Delivery Vehicles. Biomacromolecules, 2015, 16, 457-464. | 2.6 | 25 |
| 110 | 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 |
| 111 | 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 |
| 112 | Intrinsically Microporous Polymer Retains Porosity in Vacuum Thermolysis to Electroactive Heterocarbon. Langmuir, 2015, 31, 12300-12306. | 1.6 | 25 |
| 113 | Surfactant Behavior of Sodium Dodecylsulfate in Deep Eutectic Solvent Choline Chloride/Urea. Langmuir, 2015, 31, 12894-12902. | 1.6 | 105 |
| 114 | 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 |
| 115 | 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 |
| 116 | Free-Standing High Surface Area Titania Films Grown at the Airâ€“Water Interface. Journal of Physical Chemistry C, 2014, 118, 26641-26648. | 1.5 | 0 |
| 117 | Orientation specific deposition of mesoporous particles. APL Materials, 2014, 2, 113305. | 2.2 | 5 |
| 118 | Voltammetric optimisation of TEMPO-mediated oxidations at cellulose fabric. Green Chemistry, 2014, 16, 3322-3327. | 4.6 | 29 |
| 119 | Water-Responsive Internally Structured Polymerâ€“Surfactant Films on Solid Surfaces. Langmuir, 2014, 30, 12525-12531. | 1.6 | 10 |
| 120 | Controlling Interfacial Film Formation in Mixed Polymerâ€“Surfactant Systems by Changing the Vapor Phase. Langmuir, 2014, 30, 9991-10001. | 1.6 | 6 |
| 121 | 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 |
| 122 | Partially Oxidised Cellulose Nanofibril Gels for Rheology Modification. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C1320-C1320. | 0.0 | 1 |
| 123 | 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 |
| 124 | Formation of low density hydrous iron oxide via conformal transformation of MIL-53(Fe). Chemical Communications, 2013, 49, 10593. | 2.2 | 3 |
| 125 | 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 |
| 126 | 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 |

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| 127 | Robust Ordered Cubic Mesostructured Polymer/Silica Composite Films Grown at the Air/Water Interface. Langmuir, 2013, 29, 4148-4158. | 1.6 | 9 |
| 128 | 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 |
| 129 | Formation of mesostructured thin films at the airâ€“liquid interface. Chemical Society Reviews, 2013, 42, 3765-3776. | 18.7 | 38 |
| 130 | Synthesis and post-synthetic modification of MIL-101(Cr)-NH2via a tandem diazotisation process. Chemical Communications, 2012, 48, 12053. | 2.2 | 166 |
| 131 | Silicaâ€“Surfactantâ€“Polyelectrolyte Film Formation: Evolution in the Subphase. Langmuir, 2012, 28, 8337-8347. | 1.6 | 12 |
| 132 | Facile synthesis of metalâ€“organic framework films via in situ seeding of nanoparticles. Chemical Communications, 2012, 48, 4965. | 2.2 | 27 |
| 133 | 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 |
| 134 | Formation of shear thinning gels from partially oxidised cellulose nanofibrils. Green Chemistry, 2012, 14, 300-303. | 4.6 | 53 |
| 135 | Control of mesostructure in self-assembled polymer/surfactant films by rational micelle design. Soft Matter, 2012, 8, 3357. | 1.2 | 11 |
| 136 | Hydrothermal coreâ€“shell carbon nanoparticle films: thinning the shell leads to dramatic pH response. Physical Chemistry Chemical Physics, 2012, 14, 15860. | 1.3 | 9 |
| 137 | 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 |
| 138 | Mesoporous Silica Sputterâ€Coated onto ITO: Electrochemical Processes, Ion Permeability, and Gold Deposition Through NanoPores. Electroanalysis, 2012, 24, 1296-1305. | 1.5 | 5 |
| 139 | Growth-collapse mechanism of PEI-CTAB films at the airâ€“water interface. Soft Matter, 2011, 7, 11125. | 1.2 | 13 |
| 140 | Size-controlled synthesis of MIL-101(Cr) nanoparticles with enhanced selectivity for CO2 over N2. CrystEngComm, 2011, 13, 6916. | 1.3 | 128 |
| 141 | Mesoporous titanium dioxide films using partially fluorinated surfactant templates in ethanol. Journal of Materials Chemistry, 2011, 21, 14062. | 6.7 | 3 |
| 142 | Atomistic Structure of a Micelle in Solution Determined by Wide Q-Range Neutron Diffraction. Journal of the American Chemical Society, 2011, 133, 16524-16536. | 6.6 | 66 |
| 143 | Tuning percolation speed in layer-by-layer assembled polyanilineâ€“nanocellulose composite films. Journal of Solid State Electrochemistry, 2011, 15, 2675-2681. | 1.2 | 24 |
| 144 | DNA Binding to Zwitterionic Model Membranes. Langmuir, 2010, 26, 4965-4976. | 1.6 | 49 |

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| 145 | Boronic aciddendrimerreceptor modified nanofibrillar cellulose membranes. Journal of Materials Chemistry, 2010, 20, 588-594. | 6.7 | 37 |
| 146 | Microwave-electrochemical formation of colloidal zinc oxide at fluorine doped tin oxide electrodes. Electrochimica Acta, 2010, 55, 7909-7915. | 2.6 | 10 |
| 147 | Ultrathin Carbon Film Electrodes from Vacuumâ€€Carbonised Cellulose Nanofibril Composite. Electroanalysis, 2010, 22, 619-624. | 1.5 | 19 |
| 148 | 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 |
| 149 | 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 |
| 150 | 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 |
| 151 | Electrochemically Active Mercury Nanodroplets Trapped in a Carbon Nanoparticleâ€“Chitosan Matrix. Electroanalysis, 2009, 21, 261-266. | 1.5 | 21 |
| 152 | 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 |
| 153 | Nonequilibrium Phase Transformations at the Airâ^'Liquid Interface. Langmuir, 2009, 25, 12177-12184. | 1.6 | 16 |
| 154 | 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 |
| 155 | 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 |
| 156 | Underpotential surface reduction of mesoporous CeO2 nanoparticle films. Journal of Solid State Electrochemistry, 2008, 12, 1541-1548. | 1.2 | 7 |
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