

Calum J Drummond

List of Publications by Year in descending order

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204
papers

13,598
citations

36691

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docs citations

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times ranked

11921
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Controlling the pH dependent transition between monoolein Fd3m micellar cubosomes and hexosomes using fatty acetate and fatty acid additive mixtures. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 848-856. | 5.0 | 8 |
| 2 | Protic Ionic Liquid Cation Alkyl Chain Length Effect on Lysozyme Structure. <i>Molecules</i> , 2022, 27, 984. | 1.7 | 7 |
| 3 | Electrochemical Stability of Zinc and Copper Surfaces in Protic Ionic Liquids. <i>Langmuir</i> , 2022, 38, 4633-4644. | 1.6 | 4 |
| 4 | Deep eutectic solvents as cryoprotective agents for mammalian cells. <i>Journal of Materials Chemistry B</i> , 2022, 10, 4546-4560. | 2.9 | 22 |
| 5 | Application of Fluconazole-Loaded pH-Sensitive Lipid Nanoparticles for Enhanced Antifungal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32845-32854. | 4.0 | 4 |
| 6 | Effect of Crystallization State on the Gel Properties of Oleogels Based on β -sitosterol. <i>Food Biophysics</i> , 2021, 16, 48-57. | 1.4 | 14 |
| 7 | Effect of gum arabic or sodium alginate incorporation on the physicochemical and curcumin retention properties of liposomes. <i>LWT - Food Science and Technology</i> , 2021, 139, 110571. | 2.5 | 11 |
| 8 | Chemical Exchange of Hydroxyl Groups in Lipidic Cubic Phases Characterized by NMR. <i>Journal of Physical Chemistry B</i> , 2021, 125, 571-580. | 1.2 | 5 |
| 9 | Cuboplex-Mediated Nonviral Delivery of Functional siRNA to Chinese Hamster Ovary (CHO) Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2336-2345. | 4.0 | 27 |
| 10 | Comparison of cubosomes and liposomes for the encapsulation and delivery of curcumin. <i>Soft Matter</i> , 2021, 17, 3306-3313. | 1.2 | 38 |
| 11 | Synthetic ionizable aminolipids induce a pH dependent inverse hexagonal to bicontinuous cubic lyotropic liquid crystalline phase transition in monoolein nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 85-95. | 5.0 | 21 |
| 12 | Effect of ionic liquids on the fluorescence properties and aggregation of superfolder green fluorescence protein. <i>Journal of Colloid and Interface Science</i> , 2021, 591, 96-105. | 5.0 | 17 |
| 13 | Novel Amphiphilic Block Copolymers for the Formation of Stimuli-Responsive Non-Lamellar Lipid Nanoparticles. <i>Molecules</i> , 2021, 26, 3648. | 1.7 | 14 |
| 14 | Delivery of antimicrobial peptides to model membranes by cubosome nanocarriers. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 14-22. | 5.0 | 10 |
| 15 | Tuning Nanostructured Lyotropic Liquid Crystalline Mesophases in Lipid Nanoparticles with Protic Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 399-404. | 2.1 | 6 |
| 16 | Uptake Dynamics of Cubosome Nanocarriers at Bacterial Surfaces and the Routes for Cargo Internalization. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53530-53540. | 4.0 | 17 |
| 17 | Solvation properties of protic ionic liquids and molecular solvents. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 114-128. | 1.3 | 36 |
| 18 | Formation of Surface Protic Ionic Liquid Nanodroplets for Nanofabrication. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901647. | 1.9 | 5 |

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|----|---|-----|-----------|
| 19 | Physicochemical characterisation of novel tetrabutylammonium aryltrifluoroborate ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 23374-23384. | 1.3 | 1 |
| 20 | Lyotropic liquid crystal phase behavior of a cationic amphiphile in aqueous and non-stoichiometric protic ionic liquid mixtures. <i>Soft Matter</i> , 2020, 16, 9456-9470. | 1.2 | 3 |
| 21 | Molecular engineering of super-swollen inverse bicontinuous cubic and sponge lipid phases for biomedical applications. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 1354-1375. | 1.7 | 20 |
| 22 | Physicochemical Characterization and Stability of Lipidic Cubic Phases by Solution NMR. <i>Langmuir</i> , 2020, 36, 6254-6260. | 1.6 | 8 |
| 23 | Cytotoxicity of protic ionic liquids towards the HaCat cell line derived from human skin. <i>Journal of Molecular Liquids</i> , 2020, 314, 113602. | 2.3 | 15 |
| 24 | Micellar Fd3m cubosomes from monoolein α - long chain unsaturated fatty acid mixtures: Stability on temperature and pH response. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 98-106. | 5.0 | 27 |
| 25 | Preparation, Characterization, and Antimicrobial Activity of Cubosome Encapsulated Metal Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6944-6954. | 4.0 | 75 |
| 26 | Solvation properties of protic ionic liquid α -molecular solvent mixtures. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10995-11011. | 1.3 | 22 |
| 27 | <i>In Vitro</i> and <i>In Vivo</i> Toxicity and Biodistribution of Paclitaxel-Loaded Cubosomes as a Drug Delivery Nanocarrier: A Case Study Using an A431 Skin Cancer Xenograft Model. <i>ACS Applied Bio Materials</i> , 2020, 3, 4198-4207. | 2.3 | 45 |
| 28 | Size-Dependent Encapsulation and Release of dsDNA from Cationic Lyotropic Liquid Crystalline Cubic Phases. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 4401-4413. | 2.6 | 13 |
| 29 | Fusion dynamics of cubosome nanocarriers with model cell membranes. <i>Nature Communications</i> , 2019, 10, 4492. | 5.8 | 73 |
| 30 | High throughput approach to investigating ternary solvents of aqueous non-stoichiometric protic ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 6810-6827. | 1.3 | 15 |
| 31 | Protein-Eye View of the in Meso Crystallization Mechanism. <i>Langmuir</i> , 2019, 35, 8344-8356. | 1.6 | 9 |
| 32 | Non-Lamellar Lyotropic Liquid Crystalline Lipid Nanoparticles for the Next Generation of Nanomedicine. <i>ACS Nano</i> , 2019, 13, 6178-6206. | 7.3 | 166 |
| 33 | Machine Learning Approaches for Further Developing the Understanding of the Property Trends Observed in Protic Ionic Liquid Containing Solvents. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4085-4097. | 1.2 | 13 |
| 34 | FTIR Spectroscopic Study of the Secondary Structure of Globular Proteins in Aqueous Protic Ionic Liquids. <i>Frontiers in Chemistry</i> , 2019, 7, 74. | 1.8 | 50 |
| 35 | Encapsulation in egg white protein nanoparticles protects anti-oxidant activity of curcumin. <i>Food Chemistry</i> , 2019, 280, 65-72. | 4.2 | 101 |
| 36 | Toward Cell Membrane Biomimetic Lipidic Cubic Phases: A High-Throughput Exploration of Lipid Compositional Space. <i>ACS Applied Bio Materials</i> , 2019, 2, 182-195. | 2.3 | 23 |

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|----|--|------|-----------|
| 37 | Design of ultra-swollen lipidic mesophases for the crystallization of membrane proteins with large extracellular domains. <i>Nature Communications</i> , 2018, 9, 544. | 5.8 | 69 |
| 38 | Manipulating the Ordered Nanostructure of Self-Assembled Monoolein and Phytantriol Nanoparticles with Unsaturated Fatty Acids. <i>Langmuir</i> , 2018, 34, 2764-2773. | 1.6 | 54 |
| 39 | Direct Visualization of the Structural Transformation between the Lyotropic Liquid Crystalline Lamellar and Bicontinuous Cubic Mesophase. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3397-3402. | 2.1 | 13 |
| 40 | Paclitaxel-Loaded Self-Assembled Lipid Nanoparticles as Targeted Drug Delivery Systems for the Treatment of Aggressive Ovarian Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25174-25185. | 4.0 | 102 |
| 41 | Stability and activity of lysozyme in stoichiometric and non-stoichiometric protic ionic liquid (PIL)-water systems. <i>Journal of Chemical Physics</i> , 2018, 148, 193838. | 1.2 | 37 |
| 42 | Incorporation of antimicrobial peptides in nanostructured lipid membrane mimetic bilayer cubosomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 143-151. | 2.5 | 61 |
| 43 | Direct demonstration of lipid phosphorylation in the lipid bilayer of the biomimetic bicontinuous cubic phase using the confined enzyme lipid A phosphoethanolamine transferase. <i>Soft Matter</i> , 2017, 13, 1493-1504. | 1.2 | 11 |
| 44 | Self-assembled Lyotropic Liquid Crystalline Phase Behavior of Monoolein- α -Capric Acid-Phospholipid Nanoparticulate Systems. <i>Langmuir</i> , 2017, 33, 2571-2580. | 1.6 | 36 |
| 45 | Lyotropic liquid crystal engineering moving beyond binary compositional space α ordered nanostructured amphiphile self-assembly materials by design. <i>Chemical Society Reviews</i> , 2017, 46, 2705-2731. | 18.7 | 155 |
| 46 | Inverse hexagonal and cubic micellar lyotropic liquid crystalline phase behaviour of novel double chain sugar-based amphiphiles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 151, 34-38. | 2.5 | 14 |
| 47 | The nanoscience behind the art of in-meso crystallization of membrane proteins. <i>Nanoscale</i> , 2017, 9, 754-763. | 2.8 | 30 |
| 48 | Predicting the release profile of small molecules from within the ordered nanostructured lipidic bicontinuous cubic phase using translational diffusion coefficients determined by PFG-NMR. <i>Nanoscale</i> , 2017, 9, 2471-2478. | 2.8 | 38 |
| 49 | Lipidic Cubic Phase-Induced Membrane Protein Crystallization: Interplay Between Lipid Molecular Structure, Mesophase Structure and Properties, and Crystallogenesis. <i>Crystal Growth and Design</i> , 2017, 17, 5667-5674. | 1.4 | 16 |
| 50 | Copolyampholytes Produced from RAFT Polymerization of Protic Ionic Liquids. <i>Macromolecules</i> , 2017, 50, 8965-8978. | 2.2 | 13 |
| 51 | Active Gating, Molecular Pumping, and Turnover Determination in Biomimetic Lipidic Cubic Mesophases with Reconstituted Membrane Proteins. <i>ACS Nano</i> , 2017, 11, 11687-11693. | 7.3 | 13 |
| 52 | How ionic species structure influences phase structure and transitions from protic ionic liquids to liquid crystals to crystals. <i>Faraday Discussions</i> , 2017, 206, 29-48. | 1.6 | 10 |
| 53 | How Peptide Molecular Structure and Charge Influence the Nanostructure of Lipid Bicontinuous Cubic Mesophases: Model Synthetic WALP Peptides Provide Insights. <i>Langmuir</i> , 2016, 32, 6882-6894. | 1.6 | 22 |
| 54 | High-Throughput Screening of Saturated Fatty Acid Influence on Nanostructure of Lyotropic Liquid Crystalline Lipid Nanoparticles. <i>Langmuir</i> , 2016, 32, 4509-4520. | 1.6 | 52 |

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| 55 | Applications: general discussion. Faraday Discussions, 2016, 191, 565-595. | 1.6 | 0 |
| 56 | Using SANS with Contrast-Matched Lipid Bicontinuous Cubic Phases To Determine the Location of Encapsulated Peptides, Proteins, and Other Biomolecules. Journal of Physical Chemistry Letters, 2016, 7, 2862-2866. | 2.1 | 23 |
| 57 | Exploring the structural relationship between encapsulated antimicrobial peptides and the bilayer membrane mimetic lipidic cubic phase: studies with gramicidin A ² . RSC Advances, 2016, 6, 68685-68694. | 1.7 | 22 |
| 58 | Amphiphilic brush polymers produced using the RAFT polymerisation method stabilise and reduce the cell cytotoxicity of lipid lyotropic liquid crystalline nanoparticles. Faraday Discussions, 2016, 191, 545-563. | 1.6 | 48 |
| 59 | Activity and conformation of lysozyme in molecular solvents, protic ionic liquids (PILs) and salt ² water systems. Physical Chemistry Chemical Physics, 2016, 18, 25926-25936. | 1.3 | 35 |
| 60 | Micelle formation of a non-ionic surfactant in non-aqueous molecular solvents and protic ionic liquids (PILs). Physical Chemistry Chemical Physics, 2016, 18, 24377-24386. | 1.3 | 35 |
| 61 | Exploring the <i>in meso</i> crystallization mechanism by characterizing the lipid mesophase microenvironment during the growth of single transmembrane α -helical peptide crystals. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150125. | 1.6 | 14 |
| 62 | Effect of Lipid-Based Nanostructure on Protein Encapsulation within the Membrane Bilayer Mimetic Lipidic Cubic Phase Using Transmembrane and Lipo-proteins from the Beta-Barrel Assembly Machinery. Langmuir, 2016, 32, 12442-12452. | 1.6 | 13 |
| 63 | Deconvoluting the Effect of the Hydrophobic and Hydrophilic Domains of an Amphiphilic Integral Membrane Protein in Lipid Bicontinuous Cubic Mesophases. Langmuir, 2015, 31, 12025-12034. | 1.6 | 18 |
| 64 | Positron annihilation lifetime spectroscopy (PALS): a probe for molecular organisation in self-assembled biomimetic systems. Physical Chemistry Chemical Physics, 2015, 17, 17527-17540. | 1.3 | 26 |
| 65 | First Direct Observation of Stable Internally Ordered Janus Nanoparticles Created by Lipid Self-Assembly. Nano Letters, 2015, 15, 4229-4233. | 4.5 | 40 |
| 66 | RAFT preparation and the aqueous self-assembly of amphiphilic poly(octadecyl acrylate)- block -poly(polyethylene glycol methyl ether acrylate) copolymers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 470, 60-69. | 2.3 | 20 |
| 67 | Packing and mobility of hydrocarbon chains in phospholipid lyotropic liquid crystalline lamellar phases and liposomes: characterisation by positron annihilation lifetime spectroscopy (PALS). Physical Chemistry Chemical Physics, 2015, 17, 276-286. | 1.3 | 8 |
| 68 | Application of positron annihilation lifetime spectroscopy (PALS) to study the nanostructure in amphiphile self-assembly materials: phytantriol cubosomes and hexosomes. Physical Chemistry Chemical Physics, 2015, 17, 1705-1715. | 1.3 | 13 |
| 69 | Amphiphile Micelle Structures in the Protic Ionic Liquid Ethylammonium Nitrate and Water. Journal of Physical Chemistry B, 2015, 119, 179-191. | 1.2 | 27 |
| 70 | The effect of structural modifications on the solution and interfacial properties of straight and branched aliphatic alcohols: The role of hydrophobic effects. Journal of Colloid and Interface Science, 2015, 449, 364-372. | 5.0 | 13 |
| 71 | Fluorous protic ionic liquid exhibits a series of lyotropic liquid crystalline mesophases upon water addition. Journal of Molecular Liquids, 2015, 210, 279-285. | 2.3 | 13 |
| 72 | Nanostructure and cytotoxicity of self-assembled monoolein ² capric acid lyotropic liquid crystalline nanoparticles. RSC Advances, 2015, 5, 26785-26795. | 1.7 | 91 |

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|----|--|------|-----------|
| 73 | Protic Ionic Liquids: Evolving Structureâ€“Property Relationships and Expanding Applications. <i>Chemical Reviews</i> , 2015, 115, 11379-11448. | 23.0 | 726 |
| 74 | Lipidâ€“PEG Conjugates Sterically Stabilize and Reduce the Toxicity of Phytantriol-Based Lyotropic Liquid Crystalline Nanoparticles. <i>Langmuir</i> , 2015, 31, 10871-10880. | 1.6 | 88 |
| 75 | Epidermal growth factor receptor-targeted lipid nanoparticles retain self-assembled nanostructures and provide high specificity. <i>Nanoscale</i> , 2015, 7, 2905-2913. | 2.8 | 69 |
| 76 | Uptake of the butyrate receptors, GPR41 and GPR43, in lipidic bicontinuous cubic phases suitable for in meso crystallization. <i>Journal of Colloid and Interface Science</i> , 2015, 441, 78-84. | 5.0 | 8 |
| 77 | Protic ionic liquids (PILs) nanostructure and physicochemical properties: development of high-throughput methodology for PIL creation and property screens. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2357-2365. | 1.3 | 57 |
| 78 | Effect of cosolvents on the self-assembly of a non-ionic polyethylene oxideâ€“polypropylene oxideâ€“polyethylene oxide block copolymer in the protic ionic liquid ethylammonium nitrate. <i>Journal of Colloid and Interface Science</i> , 2015, 441, 46-51. | 5.0 | 7 |
| 79 | Novel Steric Stabilizers for Lyotropic Liquid Crystalline Nanoparticles: PEGylated-Phytanyl Copolymers. <i>Langmuir</i> , 2015, 31, 2615-2629. | 1.6 | 33 |
| 80 | The search for new amphiphiles: synthesis of a modular, high-throughput library. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1578-1588. | 1.3 | 18 |
| 81 | The Highâ€“Throughput Synthesis and Phase Characterisation of Amphiphiles: A Sweet Case Study. <i>Chemistry - A European Journal</i> , 2014, 20, 2783-2792. | 1.7 | 13 |
| 82 | Lyotropic liquid crystal phases of phytantriol in a protic ionic liquid with fluorosulfonate anion. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21321-21329. | 1.3 | 8 |
| 83 | Gadolinium-DTPA amphiphile nanoassemblies: agents for magnetic resonance imaging and neutron capture therapy. <i>Biomaterials Science</i> , 2014, 2, 924-935. | 2.6 | 24 |
| 84 | In Meso Crystallization: Compatibility of Different Lipid Bicontinuous Cubic Mesophases with the Cubic Crystallization Screen in Aqueous Solution. <i>Crystal Growth and Design</i> , 2014, 14, 1771-1781. | 1.4 | 29 |
| 85 | Novel RAFT amphiphilic brush copolymer steric stabilisers for cubosomes: poly(octadecyl) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 5 | 1.2 | 38 |
| 86 | High-Throughput Development of Amphiphile Self-Assembly Materials: Fast-Tracking Synthesis, Characterization, Formulation, Application, and Understanding. <i>Accounts of Chemical Research</i> , 2013, 46, 1497-1505. | 7.6 | 47 |
| 87 | Disposition and association of the steric stabilizer Pluronic® F127 in lyotropic liquid crystalline nanostructured particle dispersions. <i>Journal of Colloid and Interface Science</i> , 2013, 392, 288-296. | 5.0 | 92 |
| 88 | Mesoporous Europo-Gadoliniosilicate Nanoparticles as Bimodal Medical Imaging Agents and a Potential Theranostic Platform. <i>Advanced Healthcare Materials</i> , 2013, 2, 836-845. | 3.9 | 15 |
| 89 | Linking molecular/ion structure, solvent mesostructure, the solvophobic effect and the ability of amphiphiles to self-assemble in non-aqueous liquids. <i>Faraday Discussions</i> , 2013, 167, 191. | 1.6 | 30 |
| 90 | Layer-by-Layer Polymer Coating on Discrete Particles of Cubic Lyotropic Liquid Crystalline Dispersions (Cubosomes). <i>Langmuir</i> , 2013, 29, 12891-12900. | 1.6 | 43 |

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|-----|---|------|-----------|
| 91 | Nanostructured bicontinuous cubic lipid self-assembly materials as matrices for protein encapsulation. <i>Soft Matter</i> , 2013, 9, 3449. | 1.2 | 105 |
| 92 | Mesoporous gadolinium-aluminosilicate nanoparticles as magnetic resonance imaging contrast agents. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1219. | 2.9 | 7 |
| 93 | Solvent nanostructure, the solvophobic effect and amphiphile self-assembly in ionic liquids. <i>Chemical Society Reviews</i> , 2013, 42, 1096-1120. | 18.7 | 333 |
| 94 | Probing the amphiphile micellar to hexagonal phase transition using Positron Annihilation Lifetime Spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2013, 402, 173-179. | 5.0 | 9 |
| 95 | Advances in drug delivery and medical imaging using colloidal lyotropic liquid crystalline dispersions. <i>Journal of Colloid and Interface Science</i> , 2013, 393, 1-20. | 5.0 | 269 |
| 96 | Fluorous protic ionic liquids exhibit discrete segregated nano-scale solvent domains and form new populations of nano-scale objects upon primary alcohol addition. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 7592. | 1.3 | 28 |
| 97 | Mapping the nano-scale interaction between bio-colloidal <i>Giardia lamblia</i> cysts and silica. <i>Soft Matter</i> , 2012, 8, 6083. | 1.2 | 2 |
| 98 | Transfer of lipid between triglyceride dispersions and lyotropic liquid crystal nanostructured particles using time-resolved SAXS. <i>Soft Matter</i> , 2012, 8, 5696. | 1.2 | 12 |
| 99 | High-throughput analysis of the structural evolution of the monoolein cubic phase in situ under crystallogenesis conditions. <i>Soft Matter</i> , 2012, 8, 2310. | 1.2 | 35 |
| 100 | Direct Force Measurement Between Bio-Colloidal <i>Giardia lamblia</i> Cysts and Colloidal Silicate Glass Particles. <i>Langmuir</i> , 2012, 28, 17026-17035. | 1.6 | 1 |
| 101 | Chelating DTPA amphiphiles: ion-tunable self-assembly structures and gadolinium complexes. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 12854. | 1.3 | 13 |
| 102 | Nonionic diethanolamide amphiphiles with saturated hydrocarbon chains: Neat crystalline and lyotropic liquid crystalline phase behavior. <i>Journal of Colloid and Interface Science</i> , 2012, 385, 87-95. | 5.0 | 6 |
| 103 | Lyotropic liquid crystal engineering ordered nanostructured small molecule amphiphile self-assembly materials by design. <i>Chemical Society Reviews</i> , 2012, 41, 1297-1322. | 18.7 | 280 |
| 104 | Protic ionic liquids with fluorous anions: physicochemical properties and self-assembly nanostructure. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 7981. | 1.3 | 96 |
| 105 | High-Throughput Discovery of Novel Steric Stabilizers for Cubic Lyotropic Liquid Crystal Nanoparticle Dispersions. <i>Langmuir</i> , 2012, 28, 9223-9232. | 1.6 | 95 |
| 106 | Effect of lipid architecture on cubic phase susceptibility to crystallisation screens. <i>Soft Matter</i> , 2012, 8, 6884. | 1.2 | 30 |
| 107 | Long-range ordered lyotropic liquid crystals in intermediate-range ordered protic ionic liquid used as templates for hierarchically porous silica. <i>Journal of Materials Chemistry</i> , 2012, 22, 10069. | 6.7 | 25 |
| 108 | Lyotropic liquid crystalline phase behaviour in amphiphile-protic ionic liquid systems. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3825. | 1.3 | 47 |

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|-----|--|-----|-----------|
| 109 | Steric stabilisation of self-assembled cubic lyotropic liquid crystalline nanoparticles: high throughput evaluation of triblock polyethylene oxide-polypropylene oxide-polyethylene oxide copolymers. <i>Soft Matter</i> , 2011, 7, 4768. | 1.2 | 175 |
| 110 | Enhanced uptake of an integral membrane protein, the dopamine D2L receptor, by cubic nanostructured lipid nanoparticles doped with Ni(II) chelated EDTA amphiphiles. <i>Soft Matter</i> , 2011, 7, 567-578. | 1.2 | 29 |
| 111 | Anandamide and analogous endocannabinoids: a lipid self-assembly study. <i>Soft Matter</i> , 2011, 7, 5319. | 1.2 | 17 |
| 112 | Nanostructure changes in protic ionic liquids (PILs) through adding solutes and mixing PILs. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 13501. | 1.3 | 94 |
| 113 | Nanostructure and amphiphile self-assembly in polar molecular solvents: amides and the π - π solvophobic effect. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9180. | 1.3 | 40 |
| 114 | Evaluating Protic Ionic Liquids as Protein Crystallization Additives. <i>Crystal Growth and Design</i> , 2011, 11, 1777-1785. | 1.4 | 46 |
| 115 | Nanostructured self-assembly materials from neat and aqueous solutions of C18 lipid pro-drug analogues of Capecitabine—a chemotherapy agent. Focus on nanoparticulate cubosomes of the oleyl analogue. <i>Soft Matter</i> , 2011, 7, 5764. | 1.2 | 18 |
| 116 | Nanostructured nanoparticles of self-assembled lipid pro-drugs as a route to improved chemotherapeutic agents. <i>Nanoscale</i> , 2011, 3, 919-924. | 2.8 | 77 |
| 117 | Converging layer-by-layer polyelectrolyte microcapsule and cubic lyotropic liquid crystalline nanoparticle approaches for molecular encapsulation. <i>Soft Matter</i> , 2011, 7, 4257. | 1.2 | 49 |
| 118 | Nanostructured Protic Ionic Liquids Retain Nanoscale Features in Aqueous Solution While Precursor Brønsted Acids and Bases Exhibit Different Behavior. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2055-2066. | 1.2 | 131 |
| 119 | Lyotropic Liquid Crystalline Self-Assembly Material Behavior and Nanoparticulate Dispersions of a Phytanyl Pro-Drug Analogue of Capecitabine—A Chemotherapy Agent. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1552-1561. | 4.0 | 38 |
| 120 | Chelating oleyl-EDTA amphiphiles: self-assembly, colloidal particles, complexation with paramagnetic metal ions and promise as magnetic resonance imaging contrast agents. <i>Soft Matter</i> , 2011, 7, 10994. | 1.2 | 31 |
| 121 | Effect of protic ionic liquids (PILs) on the formation of non-ionic dodecyl poly(ethylene oxide) surfactant self-assembly structures and the effect of these surfactants on the nanostructure of PILs. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 20441. | 1.3 | 37 |
| 122 | Nonionic diethanolamide amphiphiles with isoprenoid-type hydrocarbon chains: thermotropic and lyotropic liquid crystalline phase behaviour. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17511. | 1.3 | 3 |
| 123 | Amino Acid-derived Protic Ionic Liquids: Physicochemical Properties and Behaviour as Amphiphile Self-assembly Media. <i>Australian Journal of Chemistry</i> , 2011, 64, 180. | 0.5 | 40 |
| 124 | Nonionic diethanolamide amphiphiles with unsaturated C18 hydrocarbon chains: thermotropic and lyotropic liquid crystalline phase behavior. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 13370. | 1.3 | 13 |
| 125 | Disordered Mesoporous Gadolinium Nanoparticles Prepared Using Gadolinium Based Ionic Liquid Emulsions: Potential as Magnetic Resonance Imaging Contrast Agents. <i>Australian Journal of Chemistry</i> , 2011, 64, 617. | 0.5 | 15 |
| 126 | Monodisperse Nonionic Isoprenoid-Type Hexahydrofarnesyl Ethylene Oxide Surfactants: High Throughput Lyotropic Liquid Crystalline Phase Determination. <i>Langmuir</i> , 2011, 27, 2317-2326. | 1.6 | 15 |

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|-----|--|------|-----------|
| 127 | Lamellar crystalline self-assembly behaviour and solid lipid nanoparticles of a palmityl prodrug analogue of Capecitabineâ€”A chemotherapy agent. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 85, 349-359. | 2.5 | 27 |
| 128 | Diversity Observed in the Nanostructure of Protic Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2010, 114, 10022-10031. | 1.2 | 231 |
| 129 | Ordered Nanostructured Amphiphile Self-Assembly Materials from Endogenous Nonionic Unsaturated Monoethanolamide Lipids in Water. <i>Langmuir</i> , 2010, 26, 3084-3094. | 1.6 | 36 |
| 130 | High throughput preparation and characterisation of amphiphilic nanostructured nanoparticulate drug delivery vehicles. <i>International Journal of Pharmaceutics</i> , 2010, 395, 290-297. | 2.6 | 85 |
| 131 | Nanostructured Nonionic Thymidine Nucleolipid Self-Assembly Materials. <i>Langmuir</i> , 2010, 26, 18415-18423. | 1.6 | 17 |
| 132 | Colloidal Amphiphile Self-Assembly Particles Composed of Gadolinium Oleate and Myverol: Evaluation as Contrast Agents for Magnetic Resonance Imaging. <i>Langmuir</i> , 2010, 26, 2383-2391. | 1.6 | 34 |
| 133 | Endogenous Nonionic Saturated Monoethanolamide Lipids: Solid State, Lyotropic Liquid Crystalline, and Solid Lipid Nanoparticle Dispersion Behavior. <i>Journal of Physical Chemistry B</i> , 2010, 114, 1729-1737. | 1.2 | 20 |
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