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### Reviewed Papers

164. **Less is More: Unstable Foams clean better than Stable Foams**, T. Schad, N. Preisig, D. Blunk, H. Piening, W. Drenckhan, C. Stubenrauch, *JCIS*, submitted
163. **Mineral Plastic Foams**, P. Menold, H. Cölfen, C. Stubenrauch, *Materials Horizons*, submitted
162. **Gelled non-toxic bicontinuous microemulsions as promising transdermal drug carriers**, K. Peng, T. Sottmann, C. Stubenrauch, *Special Issue of Molecular Physics* in memory of the late **Gerhard Findenegg**, submitted
161. **On how the Morphology affects Water Release of Porous Polystyrene**, M. Hamann, A. Quell, C. Stubenrauch, *Polymer*, submitted
160. **Tailoring and visualisation of pore openings in gelatin-based hydrogel foams**, F. Dehli, A. Southan, W. Drenckhan, C. Stubenrauch, *JCIS*, **2021**, 588, 326-335
159. **Porous polymers via emulsion templating: pore deformation during solidification cannot be explained by an osmotic transport!** L. Koch, W. Drenckhan, C. Stubenrauch, *Colloid & Polym. Sci.*, **2021**, accepted
158. **Intersurfactant H-bonds between Head Groups of *n*-Dodecyl- $\beta$ -D-Maltoside at the Air-Water Interface**, M. Kanduč, E. Schneck, C. Stubenrauch, *JCIS*, **2021**, 586, 588-595
157. **Emulsion Templating: Unexpected Morphology of Monodisperse Macroporous Polymers**, L. Koch, S. Botsch, C. Stubenrauch, *JCIS*, **2021**, 582, 834-841
156. **Methacrylate-based Polymer Foams with Controllable Pore Sizes and Polydispersities via Foamed Emulsion Templating**, M. L. Dabrowski, C. Stubenrauch, *Adv. Eng. Mat.*, **2020**, 22, 2001013 (1-12)
155. **Formulation of gelled non-toxic bicontinuous microemulsions stabilized by highly efficient alkanoyl methylglucamides**, K. Peng, N. Preisig, T. Sottmann, C. Stubenrauch, *Langmuir*, **2020**, 36, 12692-12701
154. **Surfactant-Based Lyotropic Liquid Crystal Gels – the Interplay between Anisotropic Order and Gel Formation** (Review), K. Steck, S. Dieterich, C. Stubenrauch, F. Giesselmann, *J. Mater. Chem. C*, **2020**, 8, 5335-5348
153. **Formulation and Polymerization of Foamed 1,4-BDDMA-in-Water Emulsions**, M. Dabrowski, M. Hamann, C. Stubenrauch, *RSC Advances*, **2020**, 10, 8917-8926
152. **Monodisperse Liquid Foams via Membrane Foaming**, L. Carballido, M. Dabrowski, F. Dehli, L. Koch, C. Stubenrauch, *JCIS*, **2020**, 568, 46-53

151. **Methacrylate-based Polymer Foams with Controllable Connectivity, Pore Shape, Pore Size and Polydispersity**, M. L. Dabrowski, D. Jenkins, E. Cosgriff-Hernandez, C. Stubenrauch, *PCCP*, **2020**, *22*, 155-168
150. **Monodisperse Highly Ordered Chitosan/Cellulose Nanocomposite Foams**, S. Andrieux, L. Medina, M. Herbst, L. Berglund, C. Stubenrauch, *Composites Part A: Applied Science & Manufacturing*, **2019**, *125*, 105516
149. **Gelling Lyotropic Liquid Crystals with the Organogelator 1,3:2,4-Dibenzylidene-D-Sorbitol - Part II: Microstructure**, K. Steck, N. Preisig, C. Stubenrauch, *Langmuir*, **2019**, *35*, 17142-17149
148. **Gelling Lyotropic Liquid Crystals with the Organogelator 1,3:2,4-Dibenzylidene-D-Sorbitol - Part I: Phase Studies and Sol-Gel Transitions**, K. Steck, C. Stubenrauch, *Langmuir*, **2019**, *35*, 17132-17141
147. **How Promoting and Breaking Intersurfactant H-Bonds Impact Foam Stability**, N. Preisig, T. Schäd, L. Jacomine, R. Bordes, C. Stubenrauch, *Langmuir*, **2019**, *35*, 14999-15008
146. **Hydrogelation with a Water-Insoluble Organogelator - Surfactant Mediated Gelation (SMG)**, K. Aramaki, S. Koitani, E. Takimoto, M. Kondo, C. Stubenrauch, *Soft Matter*, **2019**, *15*, 8896-8904
145. **Gelled Non-Toxic Microemulsions: Phase Behavior & Rheology**, K. Peng, T. Sottmann, C. Stubenrauch, *Soft Matter*, **2019**, *15*, 8361-8371
144. **How cellulose nanofibrils affect bulk, surface, and foam properties of anionic surfactant solutions**, W. Xiang, N. Preisig, A. Ketola, B.L. Tardy, L. Bai, J.A. Ketoja, C. Stubenrauch, O.J. Rojas, *Biomacromolecules*, **2019**, *20*, 4361-4369
143. **Highly ordered gelatin methacryloyl hydrogel foams with tunable pore size**, F. Dehli, L. Rebers, C. Stubenrauch, A. Southan, *Biomacromolecules*, **2019**, *20*, 2666-2674
142. **Surface activity and foaming capacity of aggregates formed between an anionic surfactant and non-cellulosics leached from wood fibers**, W. Xiang, N. Preisig, Ch. Laine, T. Hjelt, B.L. Tardy, C. Stubenrauch, O.J. Rojas, *Biomacromolecules*, **2019**, *20*, 2286-2294
141. **3D Printing of Functionally Graded Porous Materials Using On-Demand Reconfigurable Microfluidics**, M. Costantini, J. Jaroszewicz, Ł. Kozoń, K. Szlązak, W. Świążkowski, P. Garstecki, C. Stubenrauch, A. Barbetta, J. Guzowski, *Angew. Chem. Int. Ed.*, **2019**, *58*, 7620-7625
140. **Tuning gelled lyotropic liquid crystals (LLCs) – probing the influence of different low molecular weight gelators on the phase diagram of the system H<sub>2</sub>O/NaCl – Genapol LA070** K. Steck, J.H. van Esch, D.K. Smith, C. Stubenrauch, *Soft Matter*, **2019**, *15*, 3067-3274
139. **Microstructure of ionic liquid (EAN)-rich and oil-rich microemulsions studied by SANS**, J.C. Thater, C. Stubenrauch, O. Glatter, H. Klemmer, T. Sottmann, *PCCP*, **2019**, *21*, 160-170

138. **The twofold role of 12-hydroxyoctadecanoic acid (12-HOA) in a ternary water – surfactant – 12-HOA system: gelator and co-surfactant**, K. Steck, C. Schmidt, C. Stubenrauch, *Gels*, **2018**, *4*, 78
137. (a) **Emulsion & Foam Templating – Promising Routes to Tailor-Made Porous Polymers** (Minireview), C. Stubenrauch, A. Menner, A. Bismarck, W. Drenckhan, *Angew. Chem. Int. Ed.*, **2018**, *57*, 10024-10032; (b) **Emulsions- und Schaumtemplatierung – vielversprechende Methoden zur Herstellung maßgeschneiderter poröser Polymere** (Minireview), C. Stubenrauch, A. Menner, A. Bismarck, W. Drenckhan, *Angew. Chem.*, **2018**, *130*, 10176-10186
136. **Liquid Foam Templating – A Route to Tailor-Made Polymer Foams** (Review), S. Andrieux, A. Quell, C. Stubenrauch, W. Drenckhan, *Adv. Colloid Interf. Sci.*, **2018**, *256*, 276-290
135. **Generation of solid foams with controlled polydispersity using microfluidics**, S. Andrieux, W. Drenckhan, C. Stubenrauch, *Langmuir*, **2018**, *34*, 1581-1590
134. **On the influence of intersurfactant H-bonds on foam stability: A study with technical grade surfactants**, D. Ranieri, N. Preisig, C. Stubenrauch, *Tenside Surf. Det.*, **2018**, *1*, 6-16
133. **Gelling Lamellar Phases of the Binary System Water – Didodecyldimethylammonium Bromide with an Organogelator**, S. Koitani, S. Dieterich, N. Preisig, K. Aramaki, C. Stubenrauch, *Langmuir*, **2017**, *33*, 12171-12179
132. **Toward Functionally Graded Polymer Foams Using Microfluidics**, J. Elsing, A. Quell, C. Stubenrauch, *Adv. Eng. Mat.*, **2017**, *19*, 1700195 (1-5)
131. **Highly Ordered Biobased Scaffolds: From Liquid to Solid Foams**, S. Andrieux, W. Drenckhan, C. Stubenrauch, *Porous Polymers: A Special Issue of Polymer*, **2017**, *216*, 425-431
130. **Selective Hydrogenation of 3-Hexyn-1-ol with Pd Nanoparticles Synthesized via Microemulsions**, T. Montsch, M. Heuchel, Y. Traa, E. Klemm, C. Stubenrauch, *Applied Catalysis A: General*, **2017**, *539*, 19-28
129. **On How Hydrogen Bonds Affect Foam Stability** (Review), C. Stubenrauch, M. Hamann, N. Preisig, V. Chauhan, R. Bordes, *Adv. Colloid Interf. Sci.*, **2017**, *247*, 435-443
128. **Monodisperse Polystyrene Foams via Polymerization of Foamed Emulsions: Structure and Mechanical Properties**, J. Elsing, T. Stefanov, M. Gilchrist, C. Stubenrauch, *PCCP*, **2017**, *19*, 5477-5485
127. **Diving into the finestructure of macroporous polymer foams synthesised via emulsion templating: a phase diagram study**, A. Quell, T. Sottmann, C. Stubenrauch, *Langmuir*, **2017**, *33*, 537-542
126. **Creating Honeycomb Structures in Porous Polymers by Osmotic Transport**, A. Quell, S. Heitkam, W. Drenckhan, C. Stubenrauch, *ChemPhysChem*, **2017**, *18*, 451-454
125. **Microemulsions with Hydrophobic Ionic Liquids: Influence of the Structure of the Anion**, J. Porada, M. Mansueto, S. Laschat, C. Stubenrauch, *J. Mol. Liq.*, **2017**, *227*, 202-209

124. **Tyrosine-Based Ionic Liquid Crystals: Switching from Smectic A to Columnar Mesophase by Exchange of Spherical Counterion**, M. M. Neidhardt, M. Wolfrum, S. Beardsworth, T. Wöhrle, W. Frey, A. Baro, C. Stubenrauch, F. Giesselmann, S. Laschat, *Chem. Eur. J.*, **2016**, *22*, 16494-16504
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122. **Tailored Ionic Liquid-Based Surfactants for the Formation of Microemulsions with Water and a Hydrophobic Ionic Liquid**, J. H. Porada, D. Zauser, B. Feucht, C. Stubenrauch, *Soft Matter*, **2016**, *12*, 6352-6356
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120. **Phosphine Oxide Surfactants Revisited** (Review), C. Stubenrauch, N. Preisig, R. Laughlin, *Adv. Colloid Interf. Sci.*, **2016**, *230*, 2-12
119. **Alcohol as Tuning Parameter in an IL-containing Microemulsion: The Quaternary System EAN – *n*-Octane – C<sub>12</sub>E<sub>3</sub> – 1-Octanol**, J. C. Thater, T. Sottmann, C. Stubenrauch, *COLSUA*, **2016**, *494*, 139-146
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116. **Activity of Squalene-Hopene Cyclases in Bicontinuous Microemulsions**, A. K. Steudle, B. M. Nestl, B. Hauer, C. Stubenrauch, *COLSUB*, **2015**, *135*, 735-741
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114.  **$\alpha$ s-Casein – PE6400 mixtures: Thermodynamics of micelle formation**, A. Kessler, J. Weiss, C. Stubenrauch, *Tenside Surf. Det.*, **2015**, *52*, 351-361 (cover picture)
113. **Conformation and Activity of Lipase B from *Candida antarctica* in Bicontinuous Microemulsions**, M. Subinya, A. K. Steudle, T. P. Jurkowski, C. Stubenrauch, *COLSUB*, **2015**, *131*, 108-114
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109. **Effects of Protonation on Foaming Properties of Dodecyltrimethylammonium Oxide Solutions: A pH-study**, K. Schellmann, N. Preisig, P. Claesson, C. Stubenrauch, *Soft Matter*, **2015**, *11*, 561-571
108. **Pt Nanoparticles via Oil-in-Water Microemulsions stabilized by a technical grade surfactant: an economical and ecological approach**, R. Y. G. König, C. Stubenrauch, *Tenside Surf. Det.*, **2015**, *52*, 106-111 (cover picture)
107. **Nanoparticles via Oil-in-Water Microemulsions: a solvent-reduced, energy-efficient approach**, R.Y.G. König, C. Schlick, W. Sigle, C. Stubenrauch, *Z. Phys. Chem.*, **2015**, *229*(7-8), 1041-1054 - *Special Issue: Self-Assembled Soft Matter Nano-Structures at Interfaces Dedicated to Gerhard Findenegg on the occasion of his 75<sup>th</sup> birthday; R. v. Klitzing, M. Gradzielski (eds.)*
106. **Hydrolysis of hydrophobic esters in a bicontinuous microemulsion catalysed by lipase B from *Candida antarctica***, A. K. Steudle, M. Subinya, B. Nestl, C. Stubenrauch, *Chem. Eur. J.*, **2015**, *21*, 2691-2700
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96. **Dilational Surface Rheology Studies of *n*-Dodecyl- $\beta$ -D-Maltoside, Hexaethyleneglycol Monododecyl Ether, and their 1:1 Mixture** (Review), J. Boos, N. Preisig, C. Stubenrauch, *Adv. Colloid Interf. Sci.*, **2013**, *197-198*, 108-117
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94. **Free Drainage of Aqueous Foams stabilized by Mixtures of a non-ionic (C<sub>12</sub>DMPO) and an ionic (C<sub>12</sub>TAB) surfactant**, E. Carey, C. Stubenrauch, *COLSUA*, **2013**, *419*, 7-14
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