Electronic Supplementary Material (ESI) for CrystEngComm

Spontaneous water release inducing nucleation during the nonaqueous synthesis of TiO_2 nanoparticles

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Electronic Supplementary Information

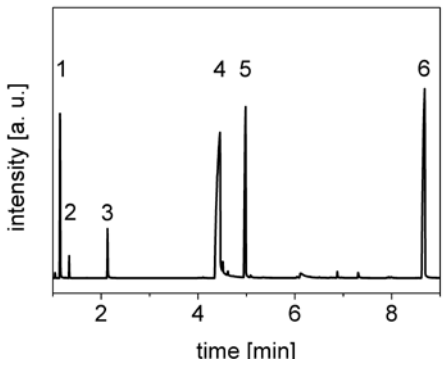

Fig. 1 GC measurement of the reaction mixture after complete reaction; the peaks are assigned to the components as follows: **1** isopropyl alcohol, **2** diisopropyl ether, **3** toluene, **4** benzyl alcohol, **5** benzyl isopropyl ether, **6** dibenzyl ether.
The reaction mixture was diluted in dichloromethane (HPLC grade), and the measurement was performed with an Agilent 7820A GC.

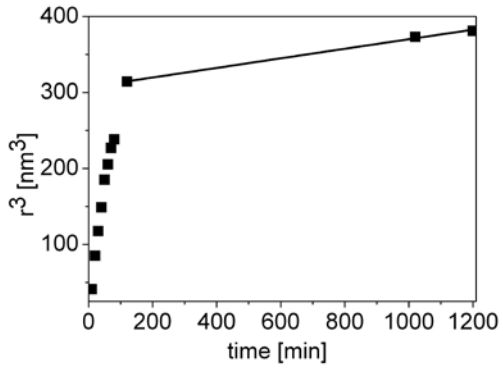

Fig. 2 Crystal radius cubed over time related to the LSW theory. In the second stage of particle growth, the possibility of a linear fit suggests an Ostwald ripening process.