Michael Agthe

List of Publications by Year
in descending order

12	566	840776 11	1199594 12
papers	citations	h-index	g-index

12	12	12	1035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rod Packing in Chiral Nematic Cellulose Nanocrystal Dispersions Studied by Small-Angle X-ray Scattering and Laser Diffraction. Langmuir, 2015, 31, 6507-6513.	3.5	177
2	Precise control over shape and size of iron oxide nanocrystals suitable for assembly into ordered particle arrays. Science and Technology of Advanced Materials, 2014, 15, 055010.	6.1	90
3	Liquid application method for time-resolved analyses by serial synchrotron crystallography. Nature Methods, 2019, 16, 979-982.	19.0	74
4	Following in Real Time the Two-Step Assembly of Nanoparticles into Mesocrystals in Levitating Drops. Nano Letters, 2016, 16, 6838-6843.	9.1	60
5	Nanoscale Assembly of Cellulose Nanocrystals during Drying and Redispersion. ACS Macro Letters, 2018, 7, 172-177.	4.8	35
6	Temporal Evolution of Superlattice Contraction and Defect-Induced Strain Anisotropy in Mesocrystals during Nanocube Self-Assembly. ACS Nano, 2020, 14, 5337-5347.	14.6	32
7	Dynamic growth modes of ordered arrays and mesocrystals during drop-casting of iron oxide nanocubes. CrystEngComm, 2014, 16, 1443-1450.	2.6	27
8	Assembly of cellulose nanocrystals in a levitating drop probed by time-resolved small angle X-ray scattering. Nanoscale, 2018, 10, 18113-18118.	5.6	23
9	Controlling Orientational and Translational Order of Iron Oxide Nanocubes by Assembly in Nanofluidic Containers. Langmuir, 2015, 31, 12537-12543.	3.5	14
10	Following the Assembly of Iron Oxide Nanocubes by Video Microscopy and Quartz Crystal Microbalance with Dissipation Monitoring. Langmuir, 2017, 33, 303-310.	3.5	13
11	Inducing nematic ordering of cellulose nanofibers using osmotic dehydration. Nanoscale, 2018, 10, 23157-23163.	5.6	13
12	Time-resolved viscoelastic properties of self-assembling iron oxide nanocube superlattices probed by quartz crystal microbalance with dissipation monitoring. Journal of Colloid and Interface Science, 2018, 522, 104-110.	9.4	8