Dmytro Dedovets

List of Publications by Year
in descending order

22	334	933447 10	839539 18
papers	citations	h-index	g-index

23	23	23	432
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiphase Microreactors Based on Liquidâ€“Liquid and Gasâ€“Liquid Dispersions Stabilized by Colloidal Catalytic Particles. Angewandte Chemie - International Edition, 2022, 61, .	13.8	51
2	Chiral Colloids: Homogeneous Suspension of Individualized SiO₂ Helical and Twisted Nanoribbons. ACS Nano, 2014, 8, 6863-6872.	14.6	47
3	Five-dimensional imaging of freezing emulsions with solute effects. Science, 2018, 360, 303-306.	12.6	47
4	Effect of Hofmeister and Alkylcarboxylate Anionic Counterions on the Krafft Temperature and Melting Temperature of Cationic Gemini Surfactants. Langmuir, 2013, 29, 3518-3526.	3.5	38
5	Time-Lapse, in Situ Imaging of Ice Crystal Growth Using Confocal Microscopy. ACS Omega, 2016, 1, 1019-1026.	3.5	28
6	Multiphase imaging of freezing particle suspensions by confocal microscopy. Journal of the European Ceramic Society, 2018, 38, 2687-2693.	5.7	24
7	A temperature-controlled stage for laser scanning confocal microscopy and case studies in materials science. Ultramicroscopy, 2018, 195, 1-11.	1.9	14
8	Pickering Interfacial Catalysis for Aerobic Alcohol Oxidation in Oil Foams. Journal of the American Chemical Society, 2022, 144, 1729-1738.	13.7	13
9	Switchable self-assembly of Prussian blue analogs nano-tiles triggered by salt stimulus. Physical Chemistry Chemical Physics, 2016, 18, 3188-3196.	2.8	12
10	Solute strongly impacts freezing under confinement. Applied Physics Letters, 2020, 116, .	3.3	12
11	Nanoparticle foam flotation for caesium decontamination using a pH-sensitive surfactant. Environmental Science: Nano, 2019, 6, 1576-1584.	4.3	11
12	Synthesis of poly(diallyldimethylammonium) capped copper hexacyanoferrate (CuHCF) nanoparticles: An efficient stabiliser for Pickering emulsions. Journal of Colloid and Interface Science, 2017, 505, 364-372.	9.4	9
13	Unveiling Cellsâ€™ Local Environment during Cryopreservation by Correlative In Situ Spatial and Thermal Analyses. Journal of Physical Chemistry Letters, 2020, 11, 7730-7738.	4.6	6
14	Determination of the elastic properties of SiO2 nanotubes templated from organic amphiphilic self-assemblies through inorganic transcription. Applied Physics Letters, 2013, 102, 151904.	3.3	4
15	Multiphase Microreactors Based on Liquidâ€“Liquid and Gasâ€“Liquid Dispersions Stabilized by Colloidal Catalytic Particles. Angewandte Chemie, 2022, 134, .	2.0	4
16	Organic foams stabilized by Biphenyl-bridged organosilica particles. Journal of Colloid and Interface Science, 2022, 617, 171-181.	9.4	4
17	Water/ice phase transition: The role of zirconium acetate, a compound with ice-shaping properties. Journal of Chemical Physics, 2017, 146, 144504.	3.0	3
18	Oil foams stabilized by POSS/organosilica particle assemblies: application for aerobic oxidation of aromatic alcohols. Journal of Materials Chemistry A, 2022, 10, 9997-10003.	10.3	3

#	Article	IF	Citations
19	Hierarchical chirality expression of gemini surfactant aggregates via equilibrium between chiral nucleotide and nonchiral monoâ€anions. Chirality, 2020, 32, 949-960.	2.6	2
20	Microfluidic Device for Monitoring Catalytic Events on Armored Bubbles. Advanced Materials Interfaces, 2022, 9, .	3.7	2
21	Structural and mechanical characterization of hybrid metallic-inorganic nanosprings. Materials Research Express, 2017, 4, 105023.	1.6	0
22	Foams Stabilized by Aquivion ^{TM} PFSA: Application to Interfacial Catalysis for Cascade Reactions. Advanced Materials Interfaces, 0, , 2200380.	3.7	0