Otto Glatter

List of Publications by Year
in descending order

35 papers	1,911 citations	331670 21 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	1542 citing authors

#	Article	IF	Citations
1	Emulsified Microemulsions and Oil-Containing Liquid Crystalline Phases. Langmuir, 2005, 21, 569-577.	3.5	241
2	Reversible Phase Transitions in Emulsified Nanostructured Lipid Systems. Langmuir, 2004, 20, 5254-5261.	3.5	222
3	Oil-Loaded Monolinolein-Based Particles with Confined Inverse Discontinuous Cubic Structure (Fd3m). Langmuir, 2006, 22, 517-521.	3.5	162
4	Determination of the Translational and Rotational Diffusion Coefficients of Rodlike Particles Using Depolarized Dynamic Light Scattering. Langmuir, 2000, 16, 1689-1695.	3.5	137
5	Control of the Internal Structure of MLO-Based Isasomes by the Addition of Diglycerol Monooleate and Soybean Phosphatidylcholine. Langmuir, 2006, 22, 9919-9927.	3.5	125
6	Transitions in the internal structure of lipid droplets during fat digestion. Soft Matter, 2011, 7, 650-661.	2.7	111
7	Sugar-Ester Nonionic Microemulsion: Structural Characterization. Journal of Colloid and Interface Science, 2001, 241, 215-225.	9.4	102
8	Submicrometer-Sized Pickering Emulsions Stabilized by Silica Nanoparticles with Adsorbed Oleic Acid. Langmuir, 2013, 29, 6004-6012.	3.5	82
9	Direct and indirect thermal transitions from hexosomes to emulsified micro-emulsions in oil-loaded monoglyceride-based particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 291, 78-84.	4.7	77
10	Phase behavior of Phytantriol/water bicontinuous cubic Pn3m cubosomes stabilized by Laponite disc-like particles. Journal of Colloid and Interface Science, 2010, 342, 392-398.	9.4	72
11	Phase Behavior and Self-Organized Structures in Water/Poly(oxyethylene) Cholesteryl Ether Systems. Journal of Physical Chemistry B, 2004, 108, 12927-12939.	2.6	70
12	Optimized Loading and Sustained Release of Hydrophilic Proteins from Internally Nanostructured Particles. Langmuir, 2012, 28, 16788-16797.	3.5	50
13	Dispersions of Internally Liquid Crystalline Systems Stabilized by Charged Disklike Particles as Pickering Emulsions: Basic Properties and Time-Resolved Behavior. Langmuir, 2008, 24, 5306-5314.	3.5	49
14	Monoglyceride-based cubosomes stabilized by Laponite: Separating the effects of stabilizer, pH and temperature. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 358, 50-56.	4.7	42
15	Influence of the Stabilizer Concentration on the Internal Liquid Crystalline Order and the Size of Oil-Loaded Monolinolein-Based Dispersions. Langmuir, 2010, 26, 6222-6229.	3.5	41
16	Water-in-oil nanostructured emulsions: towards the structural hierarchy of liquid crystalline materials. Soft Matter, 2010, 6, 5615.	2.7	39
17	Applications of Densiometry, Ultrasonic Speed Measurements, and Ultralow Shear Viscosimetry to Aqueous Fluids. Journal of Physical Chemistry B, 2000, 104, 3463-3470.	2.6	36
18	Inverting structures: from micelles via emulsions to internally self-assembled waterÂand oil continuous nanocarriers. Current Opinion in Colloid and Interface Science, 2020, 49, 82-93.	7.4	35

#	Article	IF	Citations
19	Internally Self-Assembled Thermoreversible Gelling Emulsions: ISAsomes in Methylcellulose, Î²-Carrageenan, and Mixed Hydrogels. Langmuir, 2009, 25, 9525-9534.	3.5	31
20	Material Transfer in Cubosomeâ˜Emulsion Mixtures: Effect of Alkane Chain Length. Langmuir, 2010, 26, 10670-10676.	3.5	29
21	Internally Self-Assembled Submicrometer Emulsions Stabilized by Spherical Nanocolloids: Finding the Free Nanoparticles in the Aqueous Continuous Phase. Langmuir, 2010, 26, 7981-7987.	3.5	27
22	Amino Acid Induced Modification of Self-Assembled Monoglyceride-Based Nanostructures. Langmuir, 2015, 31, 10377-10381.	3.5	21
23	The effect of water on cellulose solutions in DMAc/LiCl. Macromolecular Symposia, 2002, 190, 151-160.	0.7	18
24	Vancomycin ocular delivery systems based on glycerol monooleate reversed hexagonal and reversed cubic liquid crystalline phases. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 139, 279-290.	4.3	15
25	Structure and Rheology of Mixed Polymeric Micelles Formed by Hydrophobically End-Capped Poly(ethylene oxide). Macromolecules, 2008, 41, 6523-6530.	4.8	13
26	Self-assembled nanostructured aqueous dispersions as dermal delivery systems. International Journal of Pharmaceutics, 2015, 495, 459-462.	5.2	11
27	Lipid Transfer between Submicrometer Sized Pickering ISAsome Emulsions and the Influence of Added Hydrogel. Langmuir, 2014, 30, 2639-2647.	3.5	10
28	Characterization of Micelles of Small Triblock Copolymer by Small-Angle Scattering. Macromolecules, 2012, 45, 2874-2881.	4.8	9
29	Self-Assembly and Structural Analysis of Multiblock Poly(oxyalkylene) Copolymers. Macromolecules, 2010, 43, 7868-7871.	4.8	6
30	Reverse Hexosome Dispersions in Alkanesâ€"The Challenge of Inverting Structures. Langmuir, 2018, 34, 8379-8387.	3.5	6
31	Polarized and depolarised light scattering on solutions of cellulose inN,N-dimethylacetamide/lithium chloride. Macromolecular Symposia, 2000, 162, 87-94.	0.7	5
32	Absolute intensity and molecular weight determination of samples containing small amounts of impurities. Macromolecular Symposia, 2000, 162, 81-86.	0.7	4
33	Structural Study of (Hydroxypropyl)Methyl Cellulose Microemulsion-Based Gels Used for Biocompatible Encapsulations. Nanomaterials, 2020, 10, 2204.	4.1	4
34	Vancomycin Loaded Glycerol Monooleate Liquid Crystalline Phases Modified with Surfactants. Pharmaceutics, 2020, 12, 521.	4.5	3
35	Inverse ISAsomes in Bio-Compatible Oilsâ€"Exploring Formulations in Squalane, Triolein and Olive Oil. Nanomaterials, 2022, 12, 1133.	4.1	0