FranÃ§ois Ganachaud

List of Publications by Year
in descending order

23 papers	1,059 citations	687363 13 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1332 citing authors

#	Article	IF	Citations
1	Nanoparticles and Nanocapsules Created Using the Ouzo Effect: Spontaneous Emulsification as an Alternative to Ultrasonic and High-Shear Devices. ChemPhysChem, 2005, 6, 209-216.	2.1	358
2	Nanoprecipitation of Polymethylmethacrylate by Solvent Shifting:1. Boundaries. Langmuir, 2009, 25, 1970-1979.	3.5	224
3	The aza-Michael reaction as an alternative strategy to generate advanced silicon-based (macro)molecules and materials. Progress in Polymer Science, 2017, 72, 61-110.	24.7	86
4	Nanoprecipitation as a simple and straightforward process to create complex polymeric colloidal morphologies. Advances in Colloid and Interface Science, 2021, 294, 102474.	14.7	55
5	Simple but Precise Engineering of Functional Nanocapsules through Nanoprecipitation. Angewandte Chemie - International Edition, 2014, 53, 6910-6913.	13.8	52
6	Central Role of Bicarbonate Anions in Charging Water/Hydrophobic Interfaces. Journal of Physical Chemistry Letters, 2018, 9, 96-103.	4.6	45
7	General and Scalable Approach to Bright, Stable, and Functional AIE Fluorogen Colloidal Nanocrystals for in Vivo Imaging. ACS Applied Materials & Interfaces, 2018, 10, 25154-25165.	8.0	35
8	Modular construction of single-component polymer nanocapsules through a one-step surfactant-free microemulsion templated synthesis. Chemical Communications, 2017, 53, 1401-1404.	4.1	27
9	Macromolecular Additives to Turn a Thermoplastic Elastomer into a Self-Healing Material. Macromolecules, 2021, 54, 888-895.	4.8	25
10	Going beyond the barriers of aza-Michael reactions: controlling the selectivity of acrylates towards primary amino-PDMS. Polymer Chemistry, 2017, 8, 624-630.	3.9	23
11	Programmable Hierarchical Construction of Mixed/Multilayered Polysaccharide Nanocapsules through Simultaneous/Sequential Nanoprecipitation Steps. Biomacromolecules, 2019, 20, 3915-3923.	5.4	18
12	Brilliant glyconanocapsules for trapping of bacteria. Chemical Communications, 2015, 51, 13193-13196.	4.1	16
13	â€˜Sweet as a Nutâ€™: Production and use of nanocapsules made of glycopolymer or polysaccharide shell. Progress in Polymer Science, 2021, 120, 101429.	24.7	16
14	Nanoprecipitation of PHPMA (Co)Polymers into Nanocapsules Displaying Tunable Compositions, Dimensions, and Surface Properties. ACS Macro Letters, 2017, 6, 447-451.	4.8	13
15	Zwitterionic Silicone Materials Derived from Azaâ€Michael Reaction of Aminoâ€Functional PDMS with Acrylic Acid. Macromolecular Rapid Communications, 2021, 42, e2000372.	3.9	13
16	Proteinâ€Based Encapsulation Strategies: Toward Microâ€and Nanoscale Carriers with Increased Functionality. Small Science, 2022, 2, .	9.9	13
17	Nanocapsules Produced by Nanoprecipitation of Designed Suckerin-Silk Fusion Proteins. ACS Macro Letters, 2021, 10, 628-634.	4.8	10
18	Functional Hybrid Glyconanocapsules by a One-Pot Nanoprecipitation Process. Biomacromolecules, 2020, 21, 4591-4598.	5.4	8

#	Article	IF	Citations
19	Photocatalyzed Hydrosilylation in Silicone Chemistry. Industrial & Engineering Chemistry Research, 2022, 61, 7679-7698.	3.7	8
20	Influence of the microstructure of gums on the mechanical properties of silicone high consistency rubbers. Polymer International, 2016, 65, 713-720.	3.1	5
21	Thermoplastic silicone elastomers as materials exhibiting high mechanical properties and/or self-healing propensity. Journal of Adhesion Science and Technology, 2021, 35, 2723-2735.	2.6	5
22	Freeze/Thaw-Induced Carbon Dioxide Trapping Promotes Emulsification of Oil in Water. Journal of Physical Chemistry Letters, 2018, 9, 5998-6002.	4.6	3
23	Hydrophilic and Double Hydrophilic/Hydrophobic Microcapsules using a Single, Thermally Responsive, Self-Sorting Dispersant. ACS Applied Polymer Materials, 2021, 3, 1707-1711.	4.4	1