

François Ganachaud

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,059
citations

687363

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642732

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docs citations

23
times ranked

1332
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein-Based Encapsulation Strategies: Toward Micro- and Nanoscale Carriers with Increased Functionality. <i>Small Science</i> , 2022, 2, .	9.9	13
2	Photocatalyzed Hydrosilylation in Silicone Chemistry. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 7679-7698.	3.7	8
3	Zwitterionic Silicone Materials Derived from Aza-Michael Reaction of Amino-Functional PDMS with Acrylic Acid. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000372.	3.9	13
4	Macromolecular Additives to Turn a Thermoplastic Elastomer into a Self-Healing Material. <i>Macromolecules</i> , 2021, 54, 888-895.	4.8	25
5	Hydrophilic and Double Hydrophilic/Hydrophobic Microcapsules using a Single, Thermally Responsive, Self-Sorting Dispersant. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1707-1711.	4.4	1
6	Nanocapsules Produced by Nanoprecipitation of Designed Suckerin-Silk Fusion Proteins. <i>ACS Macro Letters</i> , 2021, 10, 628-634.	4.8	10
7	Thermoplastic silicone elastomers as materials exhibiting high mechanical properties and/or self-healing propensity. <i>Journal of Adhesion Science and Technology</i> , 2021, 35, 2723-2735.	2.6	5
8	Nanoprecipitation as a simple and straightforward process to create complex polymeric colloidal morphologies. <i>Advances in Colloid and Interface Science</i> , 2021, 294, 102474.	14.7	55
9	â€Sweet as a Nutâ€™: Production and use of nanocapsules made of glycopolymer or polysaccharide shell. <i>Progress in Polymer Science</i> , 2021, 120, 101429.	24.7	16
10	Functional Hybrid Glyconanocapsules by a One-Pot Nanoprecipitation Process. <i>Biomacromolecules</i> , 2020, 21, 4591-4598.	5.4	8
11	Programmable Hierarchical Construction of Mixed/Multilayered Polysaccharide Nanocapsules through Simultaneous/Sequential Nanoprecipitation Steps. <i>Biomacromolecules</i> , 2019, 20, 3915-3923.	5.4	18
12	Central Role of Bicarbonate Anions in Charging Water/Hydrophobic Interfaces. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 96-103.	4.6	45
13	Freeze/Thaw-Induced Carbon Dioxide Trapping Promotes Emulsification of Oil in Water. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5998-6002.	4.6	3
14	General and Scalable Approach to Bright, Stable, and Functional AIE Fluorogen Colloidal Nanocrystals for in Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25154-25165.	8.0	35
15	The aza-Michael reaction as an alternative strategy to generate advanced silicon-based (macro)molecules and materials. <i>Progress in Polymer Science</i> , 2017, 72, 61-110.	24.7	86
16	Nanoprecipitation of PHPMA (Co)Polymers into Nanocapsules Displaying Tunable Compositions, Dimensions, and Surface Properties. <i>ACS Macro Letters</i> , 2017, 6, 447-451.	4.8	13
17	Going beyond the barriers of aza-Michael reactions: controlling the selectivity of acrylates towards primary amino-PDMS. <i>Polymer Chemistry</i> , 2017, 8, 624-630.	3.9	23
18	Modular construction of single-component polymer nanocapsules through a one-step surfactant-free microemulsion templated synthesis. <i>Chemical Communications</i> , 2017, 53, 1401-1404.	4.1	27

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19	Influence of the microstructure of gums on the mechanical properties of silicone high consistency rubbers. <i>Polymer International</i> , 2016, 65, 713-720.	3.1	5
20	Brilliant glyconanocapsules for trapping of bacteria. <i>Chemical Communications</i> , 2015, 51, 13193-13196.	4.1	16
21	Simple but Precise Engineering of Functional Nanocapsules through Nanoprecipitation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6910-6913.	13.8	52
22	Nanoprecipitation of Polymethylmethacrylate by Solvent Shifting:1. <i>Boundaries. Langmuir</i> , 2009, 25, 1970-1979.	3.5	224
23	Nanoparticles and Nanocapsules Created Using the Ouzo Effect: Spontaneous Emulsification as an Alternative to Ultrasonic and High-Shear Devices. <i>ChemPhysChem</i> , 2005, 6, 209-216.	2.1	358