Adeline Perro

List of Publications by Year
in descending order

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43 papers	2,383 citations	304743 22 h-index	276875 41 g-index
47 all docs	47 docs citations	47 times ranked	2994 citing authors

#	Article	IF	Citations
1	Building micro-capsules using water-in-water emulsion droplets as templates. Journal of Colloid and Interface Science, 2022, 613, 681-696.	9.4	27
2	Autonomous Chemotactic Lightâ€Emitting Swimmers with Trajectories of Increasing Complexity. Advanced Intelligent Systems, 2021, 3, 2000217.	6.1	5
3	Versatile template-directed synthesis of gold nanocages with a predefined number of windows. Nanoscale Horizons, 2021, 6, 311-318.	8.0	8
4	Chiral Macroporous MOF Surfaces for Electroassisted Enantioselective Adsorption and Separation. ACS Applied Materials & Interfaces, 2020, 12, 36548-36557.	8.0	36
5	Self-assembly of colloidal polymers from two-patch silica nanoparticles. Nano Research, 2020, 13, 3371-3376.	10.4	10
6	Janus Microswimmers: Oscillatory Lightâ€Emitting Biopolymer Based Janus Microswimmers (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10	3.7	0
7	Oscillatory Lightâ€Emitting Biopolymer Based Janus Microswimmers. Advanced Materials Interfaces, 2020, 7, 1902094.	3.7	13
8	Adsorption of Proteins on Dual Loaded Silica Nanocapsules. Journal of Physical Chemistry B, 2019, 123, 1708-1717.	2.6	5
9	Stabilization of Allâ€inâ€Water Emulsions To Form Capsules as Artificial Cells. ChemBioChem, 2019, 20, 2546-2552.	2.6	26
10	Self-coacervation of ampholyte polymer chains as an efficient encapsulation strategy. Journal of Colloid and Interface Science, 2019, 548, 275-283.	9.4	16
11	Kinetics of spontaneous microgels adsorption and stabilization of emulsions produced using microfluidics. Journal of Colloid and Interface Science, 2019, 548, 1-11.	9.4	29
12	Sealing hyaluronic acid microgels with oppositely-charged polypeptides: A simple strategy for packaging hydrophilic drugs with on-demand release. Journal of Colloid and Interface Science, 2019, 535, 16-27.	9.4	16
13	Potentialâ€Induced Fineâ€Tuning of the Enantioaffinity of Chiral Metal Phases. Angewandte Chemie - International Edition, 2019, 58, 3471-3475.	13.8	35
14	Preparation of Templateâ€Free Robust Yolkâ€“Shell Gelled Particles from Controllably Evolved Allâ€inâ€Water Emulsions. Small, 2018, 14, e1803042.	10.0	11
15	Oil-in-microgel strategy for enzymatic-triggered release of hydrophobic drugs. Journal of Colloid and Interface Science, 2017, 493, 356-364.	9.4	24
16	Coreâ€“shell colloidal particles with dynamically tunable scattering properties. Soft Matter, 2017, 13, 6293-6296.	2.7	3
17	Regioselective functionalization of dimpled silica particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 510, 239-244.	4.7	2
18	Combining microfluidics and FT-IR spectroscopy: towards spatially resolved information on chemical processes. Reaction Chemistry and Engineering, 2016, 1, 577-594.	3.7	77

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19	Templated growth of gold satellites on dimpled silica cores. Faraday Discussions, 2016, 191, 105-116.	3.2	16
20	Patchy colloidal particles for programmed self-assembly. Comptes Rendus Chimie, 2016, 19, 173-182.	0.5	79
21	Synthesis of multivalent silica nanoparticles combining both enthalpic and entropic patchiness. Faraday Discussions, 2015, 181, 139-146.	3.2	32
22	Clogging by sieving in microchannels: Application to the detection of contaminants in colloidal suspensions. Applied Physics Letters, 2014, 105, 074101.	3.3	60
23	Design and elaboration of colloidal molecules: an overview. Chemical Society Reviews, 2011, 40, 941.	38.1	192
24	Mastering a Double Emulsion in a Simple Co-Flow Microfluidic to Generate Complex Polymersomes. Langmuir, 2011, 27, 9034-9042.	3.5	98
25	Bulk Synthesis of Polymerâ^'Inorganic Colloidal Clusters. Langmuir, 2010, 26, 18669-18675.	3.5	11
26	A Chemical Synthetic Route towards â€œColloidal Moleculesâ€• Angewandte Chemie - International Edition, 2009, 48, 361-365.	13.8	87
27	Production of large quantities of â€œJanusâ€•nanoparticles using wax-in-water emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 332, 57-62.	4.7	145
28	Planar submicronic silicaâ€“polystyrene particles obtained by substrate-directed shaping. Journal of Materials Chemistry, 2009, 19, 4225.	6.7	12
29	Design and Synthesis of Model Transparent Aqueous Colloids with Optimal Scattering Properties. Langmuir, 2009, 25, 11295-11298.	3.5	38
30	New insights into the nucleation and growth of PS nodules on silicananoparticles by 3D cryo-electron tomography. Soft Matter, 2008, 4, 311-315.	2.7	29
31	Self-Assembly of Polyhedral Hybrid Colloidal Particles. Materials Research Society Symposia Proceedings, 2008, 1135, 60801.	0.1	0
32	Designing Organic/Inorganic Colloids by Heterophase Polymerization. Macromolecular Symposia, 2007, 248, 213-226.	0.7	30
33	Nucleation of Polystyrene Latex Particles in the Presence of <I>Î³</I>-Methacryloxypropyltrimethoxysilane: Functionalized Silica Particles. Journal of Nanoscience and Nanotechnology, 2006, 6, 432-444.	0.9	48
34	Synthesis of hybrid colloidal particles: From snowman-like to raspberry-like morphologies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 284-285, 78-83.	4.7	94
35	Sinterability, Mechanical, and Electrical Properties of Al2O3/8YSZ Nanocomposites Prepared by Ultrasonic Spray Pyrolysis. Journal of Nanoscience and Nanotechnology, 2006, 6, 3404-3407.	0.9	2
36	Synthesis of Hybrid Colloids Through the Growth of Polystyrene Latex Particles onto Methacryloxy methyl triethoxysilane - Functionalized Silica Particles. Materials Research Society Symposia Proceedings, 2005, 901, 1.	0.1	0

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37	Design and synthesis of Janus micro- and nanoparticles. Journal of Materials Chemistry, 2005, 15, 3745.	6.7	651
38	Hybrid Dissymmetrical Colloidal Particles. Chemistry of Materials, 2005, 17, 3338-3344.	6.7	149
39	Towards large amounts of Janus nanoparticles through a protectionâ€“deprotection route. Chemical Communications, 2005, , 5542.	4.1	94
40	Surface Assisted Nucleation and Growth of Polymer Latexes on Organically-Modified Inorganic Particles. Macromolecular Symposia, 2005, 229, 32-46.	0.7	34
41	From Raspberry-like to Dumbbell-like Hybrid Colloids through Surface-assisted Nucleation and Growth of Polystyrene Nodules onto Macromonomer-modified Silica Nanoparticles. Materials Research Society Symposia Proceedings, 2004, 847, 292.	0.1	1
42	The influence of a PEDOT:PSS layer on the efficiency of a polymer light-emitting diode. Organic Electronics, 2003, 4, 131-141.	2.6	100
43	Designing Organic/Inorganic Colloids by Heterophase Polymerization. , 0, , 213-226.		2