

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	Design and synthesis of Janus micro- and nanoparticles. <i>Journal of Materials Chemistry</i> , 2005, 15, 3745.	6.7	651
2	Design and elaboration of colloidal molecules: an overview. <i>Chemical Society Reviews</i> , 2011, 40, 941.	38.1	192
3	Hybrid Dissymmetrical Colloidal Particles. <i>Chemistry of Materials</i> , 2005, 17, 3338-3344.	6.7	149
4	Production of large quantities of "Janus" nanoparticles using wax-in-water emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 332, 57-62.	4.7	145
5	The influence of a PEDOT:PSS layer on the efficiency of a polymer light-emitting diode. <i>Organic Electronics</i> , 2003, 4, 131-141.	2.6	100
6	Mastering a Double Emulsion in a Simple Co-Flow Microfluidic to Generate Complex Polymersomes. <i>Langmuir</i> , 2011, 27, 9034-9042.	3.5	98
7	Towards large amounts of Janus nanoparticles through a protection"deprotection route. <i>Chemical Communications</i> , 2005, , 5542.	4.1	94
8	Synthesis of hybrid colloidal particles: From snowman-like to raspberry-like morphologies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 284-285, 78-83.	4.7	94
9	A Chemical Synthetic Route towards "Colloidal Molecules". <i>Angewandte Chemie - International Edition</i> , 2009, 48, 361-365.	13.8	87
10	Patchy colloidal particles for programmed self-assembly. <i>Comptes Rendus Chimie</i> , 2016, 19, 173-182.	0.5	79
11	Combining microfluidics and FT-IR spectroscopy: towards spatially resolved information on chemical processes. <i>Reaction Chemistry and Engineering</i> , 2016, 1, 577-594.	3.7	77
12	Clogging by sieving in microchannels: Application to the detection of contaminants in colloidal suspensions. <i>Applied Physics Letters</i> , 2014, 105, 074101.	3.3	60
13	Nucleation of Polystyrene Latex Particles in the Presence of γ -Methacryloxypropyltrimethoxysilane: Functionalized Silica Particles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 432-444.	0.9	48
14	Design and Synthesis of Model Transparent Aqueous Colloids with Optimal Scattering Properties. <i>Langmuir</i> , 2009, 25, 11295-11298.	3.5	38
15	Chiral Macroporous MOF Surfaces for Electroassisted Enantioselective Adsorption and Separation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36548-36557.	8.0	36
16	Potential-Induced Fine-Tuning of the Enantioaffinity of Chiral Metal Phases. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3471-3475.	13.8	35
17	Surface Assisted Nucleation and Growth of Polymer Latexes on Organically-Modified Inorganic Particles. <i>Macromolecular Symposia</i> , 2005, 229, 32-46.	0.7	34
18	Synthesis of multivalent silica nanoparticles combining both enthalpic and entropic patchiness. <i>Faraday Discussions</i> , 2015, 181, 139-146.	3.2	32

#	ARTICLE	IF	CITATIONS
19	Designing Organic/Inorganic Colloids by Heterophase Polymerization. <i>Macromolecular Symposia</i> , 2007, 248, 213-226.	0.7	30
20	New insights into the nucleation and growth of PS nodules on silicananoparticles by 3D cryo-electron tomography. <i>Soft Matter</i> , 2008, 4, 311-315.	2.7	29
21	Kinetics of spontaneous microgels adsorption and stabilization of emulsions produced using microfluidics. <i>Journal of Colloid and Interface Science</i> , 2019, 548, 1-11.	9.4	29
22	Building micro-capsules using water-in-water emulsion droplets as templates. <i>Journal of Colloid and Interface Science</i> , 2022, 613, 681-696.	9.4	27
23	Stabilization of All- α -Water Emulsions To Form Capsules as Artificial Cells. <i>ChemBioChem</i> , 2019, 20, 2546-2552.	2.6	26
24	Oil-in-microgel strategy for enzymatic-triggered release of hydrophobic drugs. <i>Journal of Colloid and Interface Science</i> , 2017, 493, 356-364.	9.4	24
25	Templated growth of gold satellites on dimpled silica cores. <i>Faraday Discussions</i> , 2016, 191, 105-116.	3.2	16
26	Self-coacervation of ampholyte polymer chains as an efficient encapsulation strategy. <i>Journal of Colloid and Interface Science</i> , 2019, 548, 275-283.	9.4	16
27	Sealing hyaluronic acid microgels with oppositely-charged polypeptides: A simple strategy for packaging hydrophilic drugs with on-demand release. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 16-27.	9.4	16
28	Oscillatory Light-Emitting Biopolymer Based Janus Microswimmers. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902094.	3.7	13
29	Planar submicronic silica-polystyrene particles obtained by substrate-directed shaping. <i>Journal of Materials Chemistry</i> , 2009, 19, 4225.	6.7	12
30	Bulk Synthesis of Polymer-Inorganic Colloidal Clusters. <i>Langmuir</i> , 2010, 26, 18669-18675.	3.5	11
31	Preparation of Template-Free Robust Yolk-Shell Gelled Particles from Controllably Evolved All- α -Water Emulsions. <i>Small</i> , 2018, 14, e1803042.	10.0	11
32	Self-assembly of colloidal polymers from two-patch silica nanoparticles. <i>Nano Research</i> , 2020, 13, 3371-3376.	10.4	10
33	Versatile template-directed synthesis of gold nanocages with a predefined number of windows. <i>Nanoscale Horizons</i> , 2021, 6, 311-318.	8.0	8
34	Adsorption of Proteins on Dual Loaded Silica Nanocapsules. <i>Journal of Physical Chemistry B</i> , 2019, 123, 1708-1717.	2.6	5
35	Autonomous Chemotactic Light-Emitting Swimmers with Trajectories of Increasing Complexity. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000217.	6.1	5
36	Core-shell colloidal particles with dynamically tunable scattering properties. <i>Soft Matter</i> , 2017, 13, 6293-6296.	2.7	3

#	ARTICLE	IF	CITATIONS
37	Sinterability, Mechanical, and Electrical Properties of Al ₂ O ₃ /8YSZ Nanocomposites Prepared by Ultrasonic Spray Pyrolysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3404-3407.	0.9	2
38	Regioselective functionalization of dimpled silica particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 510, 239-244.	4.7	2
39	Designing Organic/Inorganic Colloids by Heterophase Polymerization. , 0, , 213-226.		2
40	From Raspberry-like to Dumbbell-like Hybrid Colloids through Surface-assisted Nucleation and Growth of Polystyrene Nodules onto Macromonomer-modified Silica Nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , 2004, 847, 292.	0.1	1
41	Synthesis of Hybrid Colloids Through the Growth of Polystyrene Latex Particles onto Methacryloxy methyl triethoxysilane - Functionalized Silica Particles. <i>Materials Research Society Symposia Proceedings</i> , 2005, 901, 1.	0.1	0
42	Self-Assembly of Polyhedral Hybrid Colloidal Particles. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1135, 60801.	0.1	0
43	Janus Microswimmers: Oscillatory Light-Emitting Biopolymer Based Janus Microswimmers (<i>Adv. Mater.</i>) Tj ETQq1 1.0.784314 rgBT / Ov 3.7 0		