Anne Aimable

List of Publications by Year
in descending order

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31	813	471371	501076
papers	citations	17	28
		h-index	g-index

34	34	34	1174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymer-assisted precipitation of ZnO nanoparticles with narrow particle size distribution. Journal of the European Ceramic Society, 2010, 30, 591-598.	2.8	71
2	Changes in portlandite morphology with solvent composition: Atomistic simulations and experiment. Cement and Concrete Research, 2011, 41, 1330-1338.	4.6	69
3	Continuous hydrothermal synthesis of inorganic nanopowders in supercritical water: Towards a better control of the process. Powder Technology, 2009, 190, 99-106.	2.1	58
4	Innovative High-Surface-Area CuO Pretreated Cotton Effective in Bacterial Inactivation under Visible Light. ACS Applied Materials & Interfaces, 2010, 2, 2547-2552.	4.0	57
5	Influence of different surfactants on Pickering emulsions stabilized by submicronic silica particles. Journal of Colloid and Interface Science, 2018, 520, 127-133.	5.0	52
6	Oil-in-water Pickering emulsions stabilized by phyllosilicates at high solid content. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 463, 85-92.	2.3	49
7	Influence of the electrostatic interactions in a Pickering emulsion polymerization for the synthesis of silicaâ€“polystyrene hybrid nanoparticles. Journal of Colloid and Interface Science, 2015, 448, 306-314.	5.0	44
8	Characteristics of LiFePO4 obtained through a one step continuous hydrothermal synthesis process working in supercritical water. Solid State Ionics, 2009, 180, 861-866.	1.3	41
9	Synthesis of fluorinated ceramic Janus particles via a Pickering emulsion method. Journal of Colloid and Interface Science, 2015, 450, 174-181.	5.0	40
10	Continuous hydrothermal synthesis of nanometric BaZrO3 in supercritical water. Journal of Solid State Chemistry, 2008, 181, 183-189.	1.4	36
11	Synthesis and characterization of fluorinated anatase nanoparticles and subsequent N-doping for efficient visible light activated photocatalysis. Colloids and Surfaces B: Biointerfaces, 2018, 171, 445-450.	2.5	33
12	Growth Modification of Seeded Calcite by Carboxylic Acid Oligomers and Polymers: Toward an Understanding of Complex Growth Mechanisms. Crystal Growth and Design, 2010, 10, 3956-3963.	1.4	32
13	Precipitation of Nanosized and Nanostructured Powders: Process Intensification and Scaleâ€Out Using a Segmented Flow Tubular Reactor (SFTR). Chemical Engineering and Technology, 2011, 34, 344-352.	0.9	28
14	Contribution of Aggregation to the Growth Mechanism of Seeded Calcium Carbonate Precipitation in the Presence of Polyacrylic Acid. Journal of Physical Chemistry B, 2010, 114, 12058-12067.	1.2	27
15	Synthesis of porous and nanostructured particles of CuO via a copper oxalate route. Powder Technology, 2011, 208, 467-471.	2.1	25
16	Modification of titania nanoparticles for photocatalytic antibacterial activity via a colloidal route with glycine and subsequent annealing. Journal of Materials Research, 2013, 28, 354-361.	1.2	21
17	Additive-Assisted Aqueous Synthesis of BaTiO₃ Nanopowders. Crystal Growth and Design, 2010, 10, 3996-4004.	1.4	20
18	Role of Electrostatic Interactions in Oil-in-Water Emulsions Stabilized by Heteroaggregation: An Experimental and Simulation Study. Langmuir, 2018, 34, 15795-15803.	1.6	15

#	Article	IF	Citations
19	Nanopowder metrology and nanoparticle size measurement: Towards the development and testing of protocols. Processing and Application of Ceramics, 2010, 4, 157-166.	0.4	15
20	Comparison of two innovative precipitation systems for ZnO and Al-doped ZnO nanoparticle synthesis. Processing and Application of Ceramics, 2010, 4, 107-114.	0.4	13
21	Porous granules by freeze granulation of Pickering emulsions stabilized with halloysite particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124156.	2.3	10
22	Study of the aggregation behavior of Janus particles by coupling experiments and Brownian dynamics simulations. Journal of Colloid and Interface Science, 2021, 583, 222-233.	5.0	10
23	Synthesis and Sintering of ZnO Nanopowders. Technologies, 2017, 5, 28.	3.0	9
24	Brownian dynamics simulations of one-patch inverse patchy particles. Physical Chemistry Chemical Physics, 2019, 21, 23447-23458.	1.3	9
25	An experimental and simulation study of heteroaggregation in a binary mixture of alumina and silica colloids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 605, 125350.	2.3	9
26	Freeze granulation and spray drying of mixed granules of Al2O3. Powder Technology, 2022, 395, 280-289.	2.1	7
27	Aqueous suspensions of glass silicate dielectric powders for ink-jet printing applications. Powder Technology, 2014, 266, 303-311.	2.1	5
28	High-purity synthesis of La2SiO5 by solid-state reaction between La2O3 and different characteristics of SiO2. Ceramics International, 2020, 46, 25546-25555.	2.3	3
29	Organic Additives in Ceramic Processing. , 2021, , 103-111.		2
30	Processing alumina spheres by a colloidal route using silica-polystyrene hybrid nanoparticles. Journal of the European Ceramic Society, 2017, 37, 5149-5156.	2.8	1
31	Electron-microscopic observation of BaTiO3 prepared by additive assisted aqueous synthesis. Microscopy and Microanalysis, 2009, 15, 51-52.	0.2	0