

Concha Tojo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32 papers	873 citations	13 h-index	29 g-index
36 ext. papers	941 ext. citations	4.6 avg, IF	3.8 L-index

#	Paper	IF	Citations
32	Insight into the surface composition of bimetallic nanocatalysts obtained from microemulsions. <i>Journal of Colloid and Interface Science</i> , 2021 , 602, 367-375	9.3	1
31	Tailored surface composition of Au/Pt nanocatalysts synthesized in microemulsions: a simulation study.. <i>RSC Advances</i> , 2020 , 10, 42277-42286	3.7	1
30	Plant Antioxidants in Food Emulsions 2019 ,		6
29	Synthesis of Pt/M (M = Au, Rh) Nanoparticles in Microemulsions: Controlling the Metal Distribution in Pt/M Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 2503-2513	3.9	6
28	Bimetallic nanoparticles synthesized in microemulsions: A computer simulation study on relationship between kinetics and metal segregation. <i>Journal of Colloid and Interface Science</i> , 2018 , 510, 152-161	9.3	10
27	Slowing Down Kinetics in Microemulsions for Nanosegregation Control: A Simulation Study. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 20006-20018	3.8	5
26	On Metal Segregation of Bimetallic Nanocatalysts Prepared by a One-Pot Method in Microemulsions. <i>Catalysts</i> , 2017 , 7, 68	4	11
25	Understanding the Metal Distribution in Core-Shell Nanoparticles Prepared in Micellar Media. <i>Nanoscale Research Letters</i> , 2015 , 10, 1048	5	10
24	Core-Shell Nanocatalysts Obtained in Reverse Micelles: Structural and Kinetic Aspects. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-10	3.2	3
23	Controlling Bimetallic Nanostructures by the Microemulsion Method with Subnanometer Resolution Using a Prediction Model. <i>Langmuir</i> , 2015 , 31, 7435-9	4	17
22	Cage-like effect in Au-Pt nanoparticle synthesis in microemulsions: a simulation study. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 19720-31	3.6	16
21	The impact of the confinement of reactants on the metal distribution in bimetallic nanoparticles synthesized in reverse micelles. <i>Beilstein Journal of Nanotechnology</i> , 2014 , 5, 1966-79	3	3
20	Kinetic Study on the Formation of Bimetallic Core-Shell Nanoparticles via Microemulsions. <i>Materials</i> , 2014 , 7, 7513-7532	3.5	9
19	Designing Bimetallic Nanoparticle Structures Prepared from Microemulsions. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 17801-17813	3.8	9
18	Modelling of nano-alloying and structural evolution of bimetallic core-shell nanoparticles obtained via the microemulsion route. <i>Journal of Colloid and Interface Science</i> , 2011 , 363, 73-83	9.3	11
17	A Simulation Study on the Structure of Bimetallic Nanoparticles Synthesized in Microemulsions 2011 , 155-159		
16	Surfactant Effects on Microemulsion-Based Nanoparticle Synthesis. <i>Materials</i> , 2010 , 4, 55-72	3.5	33

15	Simulation of the kinetics of nanoparticle formation in microemulsions. <i>Journal of Colloid and Interface Science</i> , 2009 , 333, 741-8	9.3	29
14	On the Structure of Bimetallic Nanoparticles Synthesized in Microemulsions. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 19145-19154	3.8	26
13	Critical nucleus size effects on nanoparticle formation in microemulsions: a comparison study between experimental and simulation results. <i>Journal of Colloid and Interface Science</i> , 2006 , 296, 591-8	9.3	23
12	A computer simulation study on the influence of the critical nucleus on the mechanism of formation of nanoparticles in microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 270-271, 78-82	5.1	9
11	Effects of the reaction rate on the size control of nanoparticles synthesized in microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 270-271, 83-87	5.1	32
10	Microemulsion dynamics and reactions in microemulsions. <i>Current Opinion in Colloid and Interface Science</i> , 2004 , 9, 264-278	7.6	328
9	Synthesis of Nanoparticles in Microemulsions 2004 , 135-155		8
8	Effects of the Intermicellar Exchange on the Size Control of Nanoparticles Synthesized in Microemulsions. <i>Langmuir</i> , 2001 , 17, 7251-7254	4	47
7	Microemulsions as microreactors: a Monte Carlo simulation on the synthesis of particles. <i>Journal of Non-Crystalline Solids</i> , 1998 , 235-237, 688-691	3.9	18
6	The Influence of Reactant Excess and Film Flexibility on the Mechanism of Nanoparticle Formation in Microemulsions: A Monte Carlo Simulation. <i>Langmuir</i> , 1998 , 14, 6835-6839	4	25
5	SYNTHESIS OF NANOPARTICLES IN MICROEMULSIONS: A COMPARISON STUDY BETWEEN EXPERIMENTAL AND SIMULATION RESULTS 1998 ,		2
4	Preparation of Nanoparticles in Microemulsions: A Monte Carlo Study of the Influence of the Synthesis Variables <i>Langmuir</i> , 1997 , 13, 4527-4534	4	75
3	Kinetics of the Formation of Particles in Microemulsions. <i>Langmuir</i> , 1997 , 13, 1970-1977	4	85
2	Blow-down of diffusion coefficient in finite Brownian motion. <i>Molecular Physics</i> , 1991 , 74, 785-793	1.7	4
1	Fractal analysis of brownian trajectories in fluids. <i>Molecular Physics</i> , 1988 , 65, 1195-1204	1.7	11