Eduardo Enciso

List of Publications by Year
in descending order

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40 papers	991 citations	430874 18 h-index	434195 31 g-index
40 all docs	40 docs citations	40 times ranked	1669 citing authors

#	Article	IF	Citations
1	FRET-assisted laser emission in colloidal suspensions of dye-doped latex nanoparticles. Nature Photonics, 2012, 6, 621-626.	31.4	137
2	A high voltage solid state symmetric supercapacitor based on grapheneâ€“polyoxometalate hybrid electrodes with a hydroquinone doped hybrid gel-electrolyte. Journal of Materials Chemistry A, 2015, 3, 23483-23492.	10.3	128
3	Three-Dimensionally Ordered Macroporous Lithium Manganese Oxide for Rechargeable Lithium Batteries. Chemistry of Materials, 2008, 20, 4783-4790.	6.7	89
4	Control of long-distance cell-to-cell communication and autophagosome transfer in squamous cell carcinoma via tunneling nanotubes. Oncotarget, 2017, 8, 20939-20960.	1.8	63
5	Synthesis of SiO2-Aerogel Inverse Opals in Supercritical Carbon Dioxide. Chemistry of Materials, 2005, 17, 6137-6145.	6.7	40
6	Macroporous silica and titania obtained using poly[styrene-co-(2-hydroxyethyl methacrylate)] as template. Journal of Materials Chemistry, 2002, 12, 2740-2746.	6.7	35
7	Conventional Unidirectional Laser Action Enhanced by Dye Confined in Nanoparticle Scatters. Langmuir, 2010, 26, 6154-6157.	3.5	31
8	Simple Method to Relate Experimental Pore Size Distribution and Discharge Capacity in Cathodes for Li/O2 Batteries. Journal of Physical Chemistry C, 2014, 118, 20772-20783.	3.1	31
9	Photophysical and Lasing Properties of Rhodamine 6G Confined in Polymeric Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 3926-3933.	3.1	28
10	Ultrahigh energy density supercapacitors through a double hybrid strategy. Materials Today Energy, 2017, 5, 58-65.	4.7	27
11	FÃ¶rster Resonance Energy Transfer and Laser Efficiency in Colloidal Suspensions of Dye-Doped Nanoparticles: Concentration Effects. Journal of Physical Chemistry C, 2014, 118, 13107-13117.	3.1	24
12	New insights in the adsorption of Bovine Serum Albumin onto carbon nanoparticles derived from organic resin: Experimental and theoretical studies. Microporous and Mesoporous Materials, 2017, 241, 418-428.	4.4	24
13	Effects of architecture on the electrochemistry of binder-free inverse opal carbons as Liâ€“air cathodes in an ionic liquid-based electrolyte. Journal of Materials Chemistry A, 2013, 1, 14270.	10.3	23
14	How Do Gas Hydrates Spread on a Substrate?. Crystal Growth and Design, 2016, 16, 4360-4373.	3.0	23
15	Tunable uptake of poly(ethylene oxide) by graphite-oxide-based materials. Carbon, 2012, 50, 5232-5241.	10.3	22
16	Random Lasing in Selfâ€Assembled Dyeâ€Doped Latex Nanoparticles: Packing Density Effects. Advanced Functional Materials, 2013, 23, 3916-3924.	14.9	22
17	Micro/nano-structural properties of imprinted macroporous titania and zirconia. Journal of Materials Chemistry, 2003, 13, 2311-2316.	6.7	21
18	Studies on the porosity of SiO2-aerogel inverse opals synthesised in supercritical CO2. Microporous and Mesoporous Materials, 2007, 99, 23-29.	4.4	20

#	Article	IF	Citations
19	Influence of texture in hybrid carbon-phosphomolybdic acid materials on their performance as electrodes in supercapacitors. Carbon, 2017, 111, 74-82.	10.3	18
20	Synthesis of ordered macroporous SiO2 in supercritical CO2 using 3D-latex array templates. Chemical Communications, 2005, , 2618.	4.1	17
21	Deposition of Ni nanoparticles onto porous supports using supercritical CO ₂ : effect of the precursor and reduction methodology. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20150014.	3.4	16
22	Effect of Supercritical CO2in Modified Polystyrene 3D Latex Arrays. Langmuir, 2006, 22, 8966-8974.	3.5	14
23	New insights on estimating pore size distribution of latex particles: Statistical mechanics approach and modeling. Microporous and Mesoporous Materials, 2016, 224, 360-371.	4.4	14
24	Confinement of poly(ethylene oxide) in the nanometer-scale pores of resins and carbon nanoparticles. Soft Matter, 2013, 9, 10960.	2.7	13
25	Massâ€transport Control on the Discharge Mechanism in Liâ€“O₂ Batteries Using Carbon Cathodes with Varied Porosity. ChemSusChem, 2015, 8, 3465-3471.	6.8	13
26	Intercalation and Confinement of Poly(ethylene oxide) in Porous Carbon Nanoparticles with Controlled Morphologies. Macromolecules, 2014, 47, 8729-8737.	4.8	12
27	Supercritical CO2 as a reaction and impregnation medium in the synthesis of Pdâ€“SiO2 aerogel inverse opals. Journal of Supercritical Fluids, 2009, 49, 369-376.	3.2	11
28	Thin layer films of copper hexacyanoferrate: Structure identification and analytical applications. Journal of Electroanalytical Chemistry, 2018, 827, 10-20.	3.8	9
29	Moulding hydrodynamic 2D-crystals upon parametric Faraday waves in shear-functionalized water surfaces. Nature Communications, 2021, 12, 1130.	12.8	9
30	In situ studies of bovine serum albumin adsorption onto functionalized polystyrene latices monitored with a quartz crystal microbalance technique. Journal of Applied Polymer Science, 2015, 132, .	2.6	8
31	Dynamics and Structure of Poly(ethylene oxide) Intercalated in the Nanopores of Resorcinolâ€“Formaldehyde Resin Nanoparticles. Macromolecules, 2016, 49, 5704-5713.	4.8	8
32	Enhanced fluorescence detection of enrofloxacin with curved-surface responsive inverse opal polymers and molecular imprinting. Analytical Methods, 2019, 11, 1043-1052.	2.7	8
33	A FRET analysis of dye diffusion in core/shell polymer nanoparticles. RSC Advances, 2014, 4, 22115.	3.6	7
34	Bovine serum albumin adsorption onto functionalized polystyrene lattices: A theoretical modeling approach and error analysis. Progress of Theoretical and Experimental Physics, 2015, 2015, .	6.6	7
35	Influence of the Preparation Temperature on the Photocatalytic Activity of 3D-Ordered Macroporous Anatase Formed with an Opal Polymer Template. ACS Applied Nano Materials, 2018, 1, 2567-2578.	5.0	7
36	On the computer simulations of carbon nanoparticles porosity: statistical mechanics model for CO2 and N2 adsorption isotherms. Adsorption, 2018, 24, 769-779.	3.0	4

#	Article	IF	Citations
37	Focusing on charge-surface interfacial effects to enhance the laser properties of dye-doped nanoparticles. Laser Physics Letters, 2014, 11, 015901.	1.4	3
38	Emission properties of dye-doped cationic nanoparticles: size, surfactant and monomeric composition effects. RSC Advances, 2015, 5, 4454-4462.	3.6	3
39	Redox Properties of Ordered Macroporous Ce-Zr Mixed Oxides. ECS Transactions, 2009, 25, 1573-1582.	0.5	2
40	Photophysical and Lasing Properties of Rh6G Confined Polymeric Nanoparticles Suspension. , 2012, , .		0