

Eduardo Enciso

List of Publications by Year in descending order

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Version: 2024-02-01

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	Moulding hydrodynamic 2D-crystals upon parametric Faraday waves in shear-functionalized water surfaces. <i>Nature Communications</i> , 2021, 12, 1130.	12.8	9
2	Enhanced fluorescence detection of enrofloxacin with curved-surface responsive inverse opal polymers and molecular imprinting. <i>Analytical Methods</i> , 2019, 11, 1043-1052.	2.7	8
3	On the computer simulations of carbon nanoparticles porosity: statistical mechanics model for CO ₂ and N ₂ adsorption isotherms. <i>Adsorption</i> , 2018, 24, 769-779.	3.0	4
4	Thin layer films of copper hexacyanoferrate: Structure identification and analytical applications. <i>Journal of Electroanalytical Chemistry</i> , 2018, 827, 10-20.	3.8	9
5	Influence of the Preparation Temperature on the Photocatalytic Activity of 3D-Ordered Macroporous Anatase Formed with an Opal Polymer Template. <i>ACS Applied Nano Materials</i> , 2018, 1, 2567-2578.	5.0	7
6	Ultra-high energy density supercapacitors through a double hybrid strategy. <i>Materials Today Energy</i> , 2017, 5, 58-65.	4.7	27
7	New insights in the adsorption of Bovine Serum Albumin onto carbon nanoparticles derived from organic resin: Experimental and theoretical studies. <i>Microporous and Mesoporous Materials</i> , 2017, 241, 418-428.	4.4	24
8	Influence of texture in hybrid carbon-phosphomolybdic acid materials on their performance as electrodes in supercapacitors. <i>Carbon</i> , 2017, 111, 74-82.	10.3	18
9	Control of long-distance cell-to-cell communication and autophagosome transfer in squamous cell carcinoma via tunneling nanotubes. <i>Oncotarget</i> , 2017, 8, 20939-20960.	1.8	63
10	Dynamics and Structure of Poly(ethylene oxide) Intercalated in the Nanopores of Resorcinol-Formaldehyde Resin Nanoparticles. <i>Macromolecules</i> , 2016, 49, 5704-5713.	4.8	8
11	How Do Gas Hydrates Spread on a Substrate?. <i>Crystal Growth and Design</i> , 2016, 16, 4360-4373.	3.0	23
12	New insights on estimating pore size distribution of latex particles: Statistical mechanics approach and modeling. <i>Microporous and Mesoporous Materials</i> , 2016, 224, 360-371.	4.4	14
13	Mass-transport Control on the Discharge Mechanism in Li ⁺ Batteries Using Carbon Cathodes with Varied Porosity. <i>ChemSusChem</i> , 2015, 8, 3465-3471.	6.8	13
14	Deposition of Ni nanoparticles onto porous supports using supercritical CO ₂ : effect of the precursor and reduction methodology. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20150014.	3.4	16
15	Emission properties of dye-doped cationic nanoparticles: size, surfactant and monomeric composition effects. <i>RSC Advances</i> , 2015, 5, 4454-4462.	3.6	3
16	<i>In situ</i> studies of bovine serum albumin adsorption onto functionalized polystyrene lattices monitored with a quartz crystal microbalance technique. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	8
17	Bovine serum albumin adsorption onto functionalized polystyrene lattices: A theoretical modeling approach and error analysis. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, .	6.6	7
18	A high voltage solid state symmetric supercapacitor based on graphene-polyoxometalate hybrid electrodes with a hydroquinone doped hybrid gel-electrolyte. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23483-23492.	10.3	128

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19	Intercalation and Confinement of Poly(ethylene oxide) in Porous Carbon Nanoparticles with Controlled Morphologies. <i>Macromolecules</i> , 2014, 47, 8729-8737.	4.8	12
20	A FRET analysis of dye diffusion in core/shell polymer nanoparticles. <i>RSC Advances</i> , 2014, 4, 22115.	3.6	7
21	Simple Method to Relate Experimental Pore Size Distribution and Discharge Capacity in Cathodes for Li/O ₂ Batteries. <i>Journal of Physical Chemistry C</i> , 2014, 118, 20772-20783.	3.1	31
22	Förster Resonance Energy Transfer and Laser Efficiency in Colloidal Suspensions of Dye-Doped Nanoparticles: Concentration Effects. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13107-13117.	3.1	24
23	Focusing on charge-surface interfacial effects to enhance the laser properties of dye-doped nanoparticles. <i>Laser Physics Letters</i> , 2014, 11, 015901.	1.4	3
24	Confinement of poly(ethylene oxide) in the nanometer-scale pores of resins and carbon nanoparticles. <i>Soft Matter</i> , 2013, 9, 10960.	2.7	13
25	Effects of architecture on the electrochemistry of binder-free inverse opal carbons as Li-air cathodes in an ionic liquid-based electrolyte. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14270.	10.3	23
26	Random Lasing in Self-Assembled Dye-Doped Latex Nanoparticles: Packing Density Effects. <i>Advanced Functional Materials</i> , 2013, 23, 3916-3924.	14.9	22
27	Tunable uptake of poly(ethylene oxide) by graphite-oxide-based materials. <i>Carbon</i> , 2012, 50, 5232-5241.	10.3	22
28	Photophysical and Lasing Properties of Rh6G Confined Polymeric Nanoparticles Suspension. , 2012, , .		0
29	FRET-assisted laser emission in colloidal suspensions of dye-doped latex nanoparticles. <i>Nature Photonics</i> , 2012, 6, 621-626.	31.4	137
30	Photophysical and Lasing Properties of Rhodamine 6G Confined in Polymeric Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3926-3933.	3.1	28
31	Conventional Unidirectional Laser Action Enhanced by Dye Confined in Nanoparticle Scatters. <i>Langmuir</i> , 2010, 26, 6154-6157.	3.5	31
32	Redox Properties of Ordered Macroporous Ce-Zr Mixed Oxides. <i>ECS Transactions</i> , 2009, 25, 1573-1582.	0.5	2
33	Supercritical CO ₂ as a reaction and impregnation medium in the synthesis of Pd-SiO ₂ aerogel inverse opals. <i>Journal of Supercritical Fluids</i> , 2009, 49, 369-376.	3.2	11
34	Three-Dimensionally Ordered Macroporous Lithium Manganese Oxide for Rechargeable Lithium Batteries. <i>Chemistry of Materials</i> , 2008, 20, 4783-4790.	6.7	89
35	Studies on the porosity of SiO ₂ -aerogel inverse opals synthesised in supercritical CO ₂ . <i>Microporous and Mesoporous Materials</i> , 2007, 99, 23-29.	4.4	20
36	Effect of Supercritical CO ₂ in Modified Polystyrene 3D Latex Arrays. <i>Langmuir</i> , 2006, 22, 8966-8974.	3.5	14

#	ARTICLE	IF	CITATIONS
37	Synthesis of ordered macroporous SiO ₂ in supercritical CO ₂ using 3D-latex array templates. Chemical Communications, 2005, , 2618.	4.1	17
38	Synthesis of SiO ₂ -Aerogel Inverse Opals in Supercritical Carbon Dioxide. Chemistry of Materials, 2005, 17, 6137-6145.	6.7	40
39	Micro/nano-structural properties of imprinted macroporous titania and zirconia. Journal of Materials Chemistry, 2003, 13, 2311-2316.	6.7	21
40	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