

Pablo M Arnal

List of Publications by Year in descending order

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17
papers

1,774
citations

933447

10
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

2322
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Temperature-Stable Catalysts by Hollow Sphere Encapsulation. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8224-8227.	13.8	624
2	Highly Monodisperse Zirconia-Coated Silica Spheres and Zirconia/Silica Hollow Spheres with Remarkable Textural Properties. <i>Chemistry of Materials</i> , 2006, 18, 2733-2739.	6.7	183
3	Comparative study of the cytotoxic and genotoxic effects of titanium oxide and aluminium oxide nanoparticles in Chinese hamster ovary (CHO-K1) cells. <i>Journal of Hazardous Materials</i> , 2010, 177, 711-718.	12.4	167
4	Yolk@Shell Gold Nanoparticles as Model Materials for Support Effect Studies in Heterogeneous Catalysis: Au, @C and Au, @ZrO ₂ for CO Oxidation as an Example. <i>Chemistry - A European Journal</i> , 2011, 17, 8434-8439.	3.3	107
5	Highly microporous monodisperse silica spheres synthesized by the Stober process. <i>Microporous and Mesoporous Materials</i> , 2014, 200, 317-325.	4.4	40
6	Biocompatibility of core@shell particles: Cytotoxicity and genotoxicity in human osteosarcoma cells of colloidal silica spheres coated with crystalline or amorphous zirconia. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 770, 85-94.	1.7	18
7	Poly(o-aminophenol) film electrodes: synthesis and characterization and formation mechanisms – A review article. <i>Canadian Journal of Chemistry</i> , 2013, 91, 91-112.	1.1	16
8	Electrosynthesis and Spectroscopic Characterization of Poly(o-Aminophenol) Film Electrodes. <i>ISRN Polymer Science</i> , 2012, 2012, 1-26.	0.3	15
9	Zeolitic Core@Shell Adsorbents for the Selective Removal of Free Glycerol from Crude Biodiesel. <i>ChemSusChem</i> , 2015, 8, 2093-2105.	6.8	13
10	Copper complex with sulfamethazine and 2,2'-bipyridine supported on mesoporous silica microspheres improves its antitumor action toward human osteosarcoma cells: cyto- and genotoxic effects. <i>BioMetals</i> , 2019, 32, 21-32.	4.1	10
11	A new synthesis pathway for colloidal silica spheres coated with crystalline titanium oxide and its comparative cyto- and genotoxic study with titanium oxide nanoparticles in rat osteosarcoma (UMR106) cells. <i>Journal of Colloid and Interface Science</i> , 2013, 394, 147-156.	9.4	5
12	Titania hollow spheres modified with tungstophosphoric acid with enhanced visible light absorption for the photodegradation of 4-chlorophenol. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 46-52.	2.9	3
13	Baking sunflower hulls within an aluminum envelope in a common laboratory oven yields charcoal. <i>MethodsX</i> , 2015, 2, 198-203.	1.6	1
14	Synthesis of microporous/mesoporous core@shell materials with crystalline zeolitic shell and supported metal oxide silica core. <i>CrystEngComm</i> , 2016, 18, 4452-4464.	2.6	1
15	Green chemical synthesis for well-defined and sharply distributed SiO ₂ @Fe _x O _y particles. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 98, 541-548.	2.4	0
16	Rapid removal of fluoride from water using core@shell and @shell nanoparticles of SiO ₂ @ZrO ₂ and @ZrO ₂ . Investigation of the mechanisms involved and impact of elemental leaching. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2022, 61, 576-584.	1.9	0
17	Conversion of Wood into Hierarchically Porous Charcoal in the 200 g scale using Homebuilt Kiln**. <i>Chemistry Methods</i> , 2021, 1, 477.	3.8	0