Cristina Ruiz-Garcia

List of Publications by Year in Descending Order

17 papers	362 citations	11 h-index	19 g-index
19 ext. papers	446 ext. citations	7.5 avg, IF	3.67 L-index

#	Paper	IF	Citations
17	Sepiolite-Hydrogels: Synthesis by Ultrasound Irradiation and Their Use for the Preparation of Functional Clay-Based Nanoarchitectured Materials. *Frontiers in Chemistry*, **2021**, 9, 733105	5	2
16	Improving the activity in hydrodechlorination of Pd/C catalysts by nitrogen doping of activated carbon supports. *Journal of Environmental Chemical Engineering*, **2020**, 8, 103689	6.8	14
15	Research and Patents on Coronavirus and COVID-19: A Review. *Recent Patents on Nanotechnology*, **2020**, 14, 328-350	1.2	3
14	Nanotechnology Responses to COVID-19. *Advanced Healthcare Materials*, **2020**, 9, e2000979	10.1	75
13	Photochemical and electrochemical reduction of graphene oxide thin films: tuning the nature of surface defects. *Physical Chemistry Chemical Physics*, **2020**, 22, 20732-20743	3.6	8
12	N-Doped CMK-3 Carbons Supporting Palladium Nanoparticles as Catalysts for Hydrodechlorination. *Industrial & Engineering Chemistry Research*, **2019**, 58, 4355-4363	3.9	17
11	Functional Pd/reduced graphene oxide nanocomposites: effect of reduction degree and doping in hydrodechlorination catalytic activity. *Journal of Nanoparticle Research*, **2019**, 21, 1	2.3	0
10	Sepiolite-carbon nanocomposites doped with Pd as improving catalysts for hydrodechlorination processes. *Applied Clay Science*, **2018**, 161, 132-138	5.2	9
9	Enhancement of the activity of Pd/C catalysts in aqueous phase hydrodechlorination through doping of carbon supports. *Catalysis Science and Technology*, **2018**, 8, 2598-2605	5.5	17
8	Platinum and N-doped carbon nanostructures as catalysts in hydrodechlorination reactions. *Applied Catalysis B: Environmental*, **2018**, 238, 609-617	21.8	23
7	The Meeting Point of Carbonaceous Materials and Clays: Toward a New Generation of Functional Composites. *Advanced Functional Materials*, **2018**, 28, 1704323	15.6	21
6	Hollow Nitrogen- or Boron-Doped Carbon Submicrospheres with a Porous Shell: Preparation and Application as Supports for Hydrodechlorination Catalysts. *Industrial & Engineering Chemistry Research*, **2017**, 56, 7665-7674	3.9	18
5	Clay-Graphene Nanoplatelets Functional Conducting Composites. *Advanced Functional Materials*, **2016**, 26, 7394-7405	15.6	57
4	Conducting Composites: Clay-Graphene Nanoplatelets Functional Conducting Composites (Adv. Funct. Mater. 41/2016). *Advanced Functional Materials*, **2016**, 26, 7539-7539	15.6	
3	Toward a green way for the chemical production of supported graphenes using porous solids. *Journal of Materials Chemistry A*, **2014**, 2, 2009-2017	13	24
2	Graphene-Clay Based Nanomaterials for Clean Energy Storage. *Science of Advanced Materials*, **2014**, 6, 151-158	2.3	21
1	Clay-supported graphene materials: application to hydrogen storage. *Physical Chemistry Chemical Physics*, **2013**, 15, 18635-41	3.6	53