

# Cristina Ruiz-Garcia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7760112/publications.pdf>

Version: 2024-02-01

18  
papers

532  
citations

687220

13  
h-index

940416

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnology Responses to COVID-19. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000979.	3.9	128
2	Clay-Graphene Nanoplatelets Functional Conducting Composites. <i>Advanced Functional Materials</i> , 2016, 26, 7394-7405.	7.8	70
3	Clay-supported graphene materials: application to hydrogen storage. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 18635.	1.3	69
4	The Meeting Point of Carbonaceous Materials and Clays: Toward a New Generation of Functional Composites. <i>Advanced Functional Materials</i> , 2018, 28, 1704323.	7.8	32
5	Platinum and N-doped carbon nanostructures as catalysts in hydrodechlorination reactions. <i>Applied Catalysis B: Environmental</i> , 2018, 238, 609-617.	10.8	32
6	Toward a green way for the chemical production of supported graphenes using porous solids. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2009-2017.	5.2	31
7	Graphene-Clay Based Nanomaterials for Clean Energy Storage. <i>Science of Advanced Materials</i> , 2014, 6, 151-158.	0.1	27
8	Photochemical and electrochemical reduction of graphene oxide thin films: tuning the nature of surface defects. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20732-20743.	1.3	25
9	N-Doped CMK-3 Carbons Supporting Palladium Nanoparticles as Catalysts for Hydrodechlorination. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 4355-4363.	1.8	22
10	Improving the activity in hydrodechlorination of Pd/C catalysts by nitrogen doping of activated carbon supports. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103689.	3.3	22
11	Hollow Nitrogen- or Boron-Doped Carbon Submicrospheres with a Porous Shell: Preparation and Application as Supports for Hydrodechlorination Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 7665-7674.	1.8	19
12	Enhancement of the activity of Pd/C catalysts in aqueous phase hydrodechlorination through doping of carbon supports. <i>Catalysis Science and Technology</i> , 2018, 8, 2598-2605.	2.1	19
13	Sepiolite-carbon nanocomposites doped with Pd as improving catalysts for hydrodechlorination processes. <i>Applied Clay Science</i> , 2018, 161, 132-138.	2.6	15
14	Sepiolite-Hydrogels: Synthesis by Ultrasound Irradiation and Their Use for the Preparation of Functional Clay-Based Nanoarchitected Materials. <i>Frontiers in Chemistry</i> , 2021, 9, 733105.	1.8	12
15	Research and Patents on Coronavirus and COVID-19: A Review. <i>Recent Patents on Nanotechnology</i> , 2020, 14, 328-350.	0.7	6
16	Functional Pd/reduced graphene oxide nanocomposites: effect of reduction degree and doping in hydrodechlorination catalytic activity. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	2
17	Laminar N-Doped Carbon Materials from a Biopolymer for Use as a Catalytic Support for Hydrodechlorination Catalysts. <i>Materials</i> , 2021, 14, 3107.	1.3	1
18	Conducting Composites: Clay-Graphene Nanoplatelets Functional Conducting Composites (Adv. Funct.)	7.8	0