

# Daniel Arenas-Esteban

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

204  
citations

1307594

7  
h-index

1125743

13  
g-index

22  
all docs

22  
docs citations

22  
times ranked

225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Creation of Exclusive Artificial Cluster Defects by Selective Metal Removal in the (Zn, Zr) Mixed-Metal UiO-66. <i>Journal of the American Chemical Society</i> , 2021, 143, 21511-21518.	13.7	40
2	Ligand-Mode Directed Selectivity in Cu@Ag Core@Shell Based Gas Diffusion Electrodes for CO <sub>2</sub> Electroreduction. <i>ACS Catalysis</i> , 2020, 10, 13468-13478.	11.2	24
3	Ultrafast reproducible synthesis of a Ag-nanocluster@MOF composite and its superior visible-photocatalytic activity in batch and in continuous flow. <i>Journal of Materials Chemistry A</i> , 2021, 9, 15704-15713.	10.3	19
4	Tuning the turnover frequency and selectivity of photocatalytic CO <sub>2</sub> reduction to CO and methane using platinum and palladium nanoparticles on Ti-Beta zeolites. <i>Chemical Engineering Journal</i> , 2021, 410, 128234.	12.7	17
5	Enhanced CO <sub>2</sub> electroreduction with metal-nitrogen-doped carbons in a continuous flow reactor. <i>Journal of CO<sub>2</sub> Utilization</i> , 2021, 50, 101583.	6.8	17
6	Tunable Supercapacitor Materials Derived from Hydrochar/Gold Nanograpes. <i>ACS Applied Energy Materials</i> , 2020, 3, 9348-9359.	5.1	11
7	Two-Dimensional CdSe-PbSe Heterostructures and PbSe Nanoplatelets: Formation, Atomic Structure, and Optical Properties. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1513-1522.	3.1	11
8	New Electrode Material Based on Mn <sub>3</sub> O <sub>4</sub> Nanoparticles Embedded in Organometallic-Derived Carbon (ODC). <i>Microscopy and Microanalysis</i> , 2016, 22, 1350-1351.	0.4	7
9	Layer-by-Layer-Stabilized Plasmonic Gold-Silver Nanoparticles on TiO <sub>2</sub> : Towards Stable Solar Active Photocatalysts. <i>Nanomaterials</i> , 2021, 11, 2624.	4.1	7
10	Lithium ion storage in 1D and 2D redox active metal-organic frameworks. <i>Electrochimica Acta</i> , 2020, 341, 136063.	5.2	6
11	The design of magneto-plasmonic nanostructures formed by magnetic Prussian Blue-type nanocrystals decorated with Au nanoparticles. <i>Chemical Communications</i> , 2021, 57, 1903-1906.	4.1	6
12	Sustainable formation of tricarballylic acid from citric acid over highly stable Pd/Nb <sub>2</sub> O <sub>5</sub> ·nH <sub>2</sub> O catalysts. <i>Journal of Catalysis</i> , 2022, 408, 88-97.	6.2	6
13	Activated nanoporous carbon@gold nanoparticle composite electrode with enhanced volumetric capacitance. <i>RSC Advances</i> , 2015, 5, 86282-86290.	3.6	5
14	ZnAl layered double hydroxide based catalysts (with Cu, Mn, Ti) used as noble metal-free three-way catalysts. <i>Applied Clay Science</i> , 2022, 217, 106390.	5.2	5
15	Nickelocene as precursor of microporous organometallic-derived carbon and nickel oxide-carbon nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 410-419.	9.4	4
16	3D arrangement of epitaxial graphene conformally grown on porousified crystalline SiC. <i>Carbon</i> , 2022, 189, 210-218.	10.3	3
17	Use of Nanoscale Carbon Layers on Ag-Based Gas Diffusion Electrodes to Promote CO Production. <i>ACS Applied Nano Materials</i> , 2022, 5, 7723-7732.	5.0	3
18	Organometallic-Derived Carbon (ODC)@Metal Nano-Oxide Composites as Improved Electrode Materials for Supercapacitors. <i>Inorganic Chemistry</i> , 2019, 58, 9175-9180.	4.0	2

#	ARTICLE	IF	CITATIONS
19	Structural, morphological and magnetic properties of GaSbMn/Si(111) thin films prepared by radio frequency magnetron sputtering. <i>Thin Solid Films</i> , 2020, 705, 137971.	1.8	2
20	Fast electron low dose tomography for beam sensitive materials. <i>Microscopy and Microanalysis</i> , 2021, 27, 2116-2118.	0.4	2
21	Multifunctional metal-free rechargeable polymer composite nanoparticles boosted by CO <sub>2</sub> . <i>Materials Today Sustainability</i> , 2020, 10, 100048.	4.1	0