Olivia Fernandez-Delgado

List of Publications by Year
in descending order

20	731	759190 12	888047 17
papers	citations	h-index	g-index

21	21	21	990
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diazonium functionalized fullerenes: a new class of efficient molecular catalysts for the hydrogen evolution reaction. Nanoscale, 2022, 14, 3858-3864.	5.6	12
2	Polymeric Network Hierarchically Organized on Carbon Nano-onions: Block Polymerization as a Tool for the Controlled Formation of Specific Pore Diameters. ACS Applied Polymer Materials, 2022, 4, 2442-2458.	4.4	5
3	Fullerenes as Key Components for Lowâ€Dimensional (Photo)electrocatalytic Nanohybrid Materials. Angewandte Chemie - International Edition, 2021, 60, 122-141.	13.8	64
4	Tissue paper-derived porous carbon encapsulated transition metal nanoparticles as advanced non-precious catalysts: Carbon-shell influence on the electrocatalytic behaviour. Journal of Colloid and Interface Science, 2021, 581, 905-918.	9.4	39
5	Fullerenes as Key Components for Lowâ€Dimensional (Photo)electrocatalytic Nanohybrid Materials. Angewandte Chemie, 2021, 133, 124-143.	2.0	11
6	Fullerenes and their applications. , 2021, , 19-158.		2
7	Coâ€“Cu Bimetallic Metal Organic Framework Catalyst Outperforms the Pt/C Benchmark for Oxygen Reduction. Journal of the American Chemical Society, 2021, 143, 4064-4073.	13.7	175
8	The role of fullerene derivatives in perovskite solar cells: electron transporting or electron extraction layers?. Journal of Materials Chemistry C, 2021, 9, 10759-10767.	5.5	20
9	Tailoring the Interfacial Interactions of van der Waals 1T-MoS₂/C₆₀ Heterostructures for High-Performance Hydrogen Evolution Reaction Electrocatalysis. Journal of the American Chemical Society, 2020, 142, 17923-17927.	13.7	112
10	Sc3N@Ih-C80 based donorâ€“acceptor conjugate: role of thiophene spacer in promoting ultrafast excited state charge separation. RSC Advances, 2020, 10, 19861-19866.	3.6	2
11	Smart paper transformer: new insight for enhanced catalytic efficiency and reusability of noble metal nanocatalysts. Chemical Science, 2020, 11, 2915-2925.	7.4	25
12	Facile synthesis of C₆₀-nano materials and their application in high-performance water splitting electrocatalysis. Sustainable Energy and Fuels, 2020, 4, 2900-2906.	4.9	19
13	Î±-DTC₇₀ fullerene performs significantly better than Î²-DTC70 as electron transporting material in perovskite solar cells. Journal of Materials Chemistry C, 2020, 8, 6813-6819.	5.5	5
14	Variation of Interfacial Interactions in PC₆₁BM-like Electron-Transporting Compounds for Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 34408-34415.	8.0	29
15	Progress in fullerene-based hybrid perovskite solar cells. Journal of Materials Chemistry C, 2018, 6, 2635-2651.	5.5	114
16	Fullerene derivative with a branched alkyl chain exhibits enhanced charge extraction and stability in inverted planar perovskite solar cells. New Journal of Chemistry, 2018, 42, 2896-2902.	2.8	43
17	New thiophene-based C₆₀ fullerene derivatives as efficient electron transporting materials for perovskite solar cells. New Journal of Chemistry, 2018, 42, 14551-14558.	2.8	34
18	Fullerene Derivatives As Electron Transporting Materials for Perovskite Solar Cells. ECS Meeting Abstracts, 2018, , .	0.0	0

#	Article	IF	Citations
19	Decakis(arylthio)corannulenes: Transferable Photochemical and Redox Parameters and Photovoltaic Device Performance. European Journal of Organic Chemistry, 2017, 2017, 4338-4342.	2.4	16
20	Cylindrical C ₉₆ Fullertubes: A Highly Active Metalâ€Free O ₂ â€Reduction Electrocatalyst. Angewandte Chemie, 0, , .	2.0	3