Jesica Castelo-QuibÃ©n

List of Publications by Year
in descending order

16 papers	420 citations	840585 11 h-index	996849 15 g-index
16 all docs	16 docs citations	16 times ranked	657 citing authors

#	Article	IF	Citations
1	Carbonâ€“TiO₂ composites as high-performance supercapacitor electrodes: synergistic effect between carbon and metal oxide phases. Journal of Materials Chemistry A, 2018, 6, 633-644.	5.2	99
2	Activated carbons from agricultural waste solvothermally doped with sulphur as electrodes for supercapacitors. Chemical Engineering Journal, 2018, 334, 1835-1841.	6.6	84
3	Electrochemical performances of supercapacitors from carbon-ZrO2 composites. Electrochimica Acta, 2018, 259, 803-814.	2.6	41
4	Electrodes Based on Carbon Aerogels Partially Graphitized by Doping with Transition Metals for Oxygen Reduction Reaction. Nanomaterials, 2018, 8, 266.	1.9	28
5	On the Interactions and Synergism between Phases of Carbonâ€“Phosphorusâ€“Titanium Composites Synthetized from Cellulose for the Removal of the Orange-G Dye. Materials, 2018, 11, 1766.	1.3	27
6	Cobalt-Doped Carbon Gels as Electro-Catalysts for the Reduction of CO2 to Hydrocarbons. Catalysts, 2017, 7, 25.	1.6	26
7	Insight of the effect of graphitic cluster in the performance of carbon aerogels doped with nickel as electrodes for supercapacitors. Carbon, 2018, 139, 888-895.	5.4	23
8	Carbon - iron electro-catalysts for CO2 reduction. The role of the iron particle size. Journal of CO2 Utilization, 2018, 24, 240-249.	3.3	21
9	Mesoporous carbon nanospheres with improved conductivity for electro-catalytic reduction of O2 and CO2. Carbon, 2019, 155, 88-99.	5.4	17
10	Carbon-vanadium composites as non-precious catalysts for electro-reduction of oxygen. Carbon, 2019, 144, 289-300.	5.4	15
11	Novel biomaterial design based on Pseudomonas stutzeriâ€“carbon xerogel microspheres for hydrocarbon removal from oil-in-saltwater emulsions: A new proposed treatment of produced water in oilfields. Journal of Water Process Engineering, 2020, 35, 101222.	2.6	12
12	Monolithic carbon xerogels-metal composites for crude oil removal from oil in-saltwater emulsions and subsequent regeneration through oxidation process: Composites synthesis, adsorption studies, and oil decomposition experiments. Microporous and Mesoporous Materials, 2021, 319, 111039.	2.2	11
13	From Polyethylene to Highly Graphitic and Magnetic Carbon Spheres Nanocomposites: Carbonization under Pressure. Nanomaterials, 2019, 9, 606.	1.9	6
14	Metal-Carbon-CNF Composites Obtained by Catalytic Pyrolysis of Urban Plastic Residues as Electro-Catalysts for the Reduction of CO2. Catalysts, 2018, 8, 198.	1.6	5
15	Recycling and valorization of LDPE: direct transformation into highly ordered doped-carbon materials and their application as electro-catalysts for the oxygen reduction reaction. Catalysis Science and Technology, 0, , .	2.1	3
16	Growing Tungsten Nanophases on Carbon Spheres Doped with Nitrogen. Behaviour as Electro-Catalysts for Oxygen Reduction Reaction. Materials, 2021, 14, 7716.	1.3	2