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	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
2	Growing Tungsten Nanophases on Carbon Spheres Doped with Nitrogen. Behaviour as Electro-Catalysts for Oxygen Reduction Reaction. Materials, 2021, 14, 7716.	1.3	2
3	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
4	Mesoporous carbon nanospheres with improved conductivity for electro-catalytic reduction of O2 and CO2. Carbon, 2019, 155, 88-99.	5.4	17
5	From Polyethylene to Highly Graphitic and Magnetic Carbon Spheres Nanocomposites: Carbonization under Pressure. Nanomaterials, 2019, 9, 606.	1.9	6
6	Carbon-vanadium composites as non-precious catalysts for electro-reduction of oxygen. Carbon, 2019, 144, 289-300.	5.4	15
7	Activated carbons from agricultural waste solvothermally doped with sulphur as electrodes for supercapacitors. Chemical Engineering Journal, 2018, 334, 1835-1841.	6.6	84
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	Carbonâ€“TiO‹sub›2‹/sub› 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
10	Electrochemical performances of supercapacitors from carbon-ZrO2 composites. Electrochimica Acta, 2018, 259, 803-814.	2.6	41
11	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
12	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
13	Electrodes Based on Carbon Aerogels Partially Graphitized by Doping with Transition Metals for Oxygen Reduction Reaction. Nanomaterials, 2018, 8, 266.	1.9	28
14	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
15	Cobalt-Doped Carbon Gels as Electro-Catalysts for the Reduction of CO2 to Hydrocarbons. Catalysts, 2017, 7, 25.	1.6	26
16	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