# Jesica Castelo-Quibn

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 14 papers | 292 citations | 9 h-index | 16 g-index |
| 16 ext. papers | 354 ext. citations | 7.1 avg, IF | 3.55 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 14 | 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 | 5.3 | 7 |
| 13 | Novel biomaterial design based on Pseudomonas stutzeri?arbon 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 | 6.7 | 8 |
| 12 | From Polyethylene to Highly Graphitic and Magnetic Carbon Spheres Nanocomposites: Carbonization under Pressure. *Nanomaterials*, **2019**, 9, | 5.4 | 5 |
| 11 | Mesoporous carbon nanospheres with improved conductivity for electro-catalytic reduction of O2 and CO2. *Carbon*, **2019**, 155, 88-99 | 10.4 | 13 |
| 10 | Carbon-vanadium composites as non-precious catalysts for electro-reduction of oxygen. *Carbon*, **2019**, 144, 289-300 | 10.4 | 9 |
| 9 | Activated carbons from agricultural waste solvothermally doped with sulphur as electrodes for supercapacitors. *Chemical Engineering Journal*, **2018**, 334, 1835-1841 | 14.7 | 65 |
| 8 | Carbon - iron electro-catalysts for CO2 reduction. The role of the iron particle size. *Journal of CO2 Utilization*, **2018**, 24, 240-249 | 7.6 | 15 |
| 7 | Metal-Carbon-CNF Composites Obtained by Catalytic Pyrolysis of Urban Plastic Residues as Electro-Catalysts for the Reduction of CO2. *Catalysts*, **2018**, 8, 198 | 4 | 2 |
| 6 | Electrodes Based on Carbon Aerogels Partially Graphitized by Doping with Transition Metals for Oxygen Reduction Reaction. *Nanomaterials*, **2018**, 8, | 5.4 | 19 |
| 5 | 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 | 10.4 | 17 |
| 4 | Carbon?iO2 composites as high-performance supercapacitor electrodes: synergistic effect between carbon and metal oxide phases. *Journal of Materials Chemistry A*, **2018**, 6, 633-644 | 13 | 63 |
| 3 | Electrochemical performances of supercapacitors from carbon-ZrO2 composites. *Electrochimica Acta*, **2018**, 259, 803-814 | 6.7 | 26 |
| 2 | On the Interactions and Synergism between Phases of Carbon?Phosphorus?Titanium Composites Synthetized from Cellulose for the Removal of the Orange-G Dye. *Materials*, **2018**, 11, | 3.5 | 20 |
| 1 | Cobalt-Doped Carbon Gels as Electro-Catalysts for the Reduction of CO2 to Hydrocarbons. *Catalysts*, **2017**, 7, 25 | 4 | 22 |