

Jesica Castelo-Quibn

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Activated carbons from agricultural waste solvothermally doped with sulphur as electrodes for supercapacitors. <i>Chemical Engineering Journal</i> , 2018 , 334, 1835-1841 | 14.7 | 65 |
| 13 | Carbon//TiO ₂ composites as high-performance supercapacitor electrodes: synergistic effect between carbon and metal oxide phases. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 633-644 | 13 | 63 |
| 12 | Electrochemical performances of supercapacitors from carbon-ZrO ₂ composites. <i>Electrochimica Acta</i> , 2018 , 259, 803-814 | 6.7 | 26 |
| 11 | Cobalt-Doped Carbon Gels as Electro-Catalysts for the Reduction of CO ₂ to Hydrocarbons. <i>Catalysts</i> , 2017 , 7, 25 | 4 | 22 |
| 10 | On the Interactions and Synergism between Phases of Carbon/Phosphorus/Titanium Composites Synthesized from Cellulose for the Removal of the Orange-G Dye. <i>Materials</i> , 2018 , 11, | 3.5 | 20 |
| 9 | Electrodes Based on Carbon Aerogels Partially Graphitized by Doping with Transition Metals for Oxygen Reduction Reaction. <i>Nanomaterials</i> , 2018 , 8, | 5.4 | 19 |
| 8 | Insight of the effect of graphitic cluster in the performance of carbon aerogels doped with nickel as electrodes for supercapacitors. <i>Carbon</i> , 2018 , 139, 888-895 | 10.4 | 17 |
| 7 | Carbon - iron electro-catalysts for CO ₂ reduction. The role of the iron particle size. <i>Journal of CO₂ Utilization</i> , 2018 , 24, 240-249 | 7.6 | 15 |
| 6 | Mesoporous carbon nanospheres with improved conductivity for electro-catalytic reduction of O ₂ and CO ₂ . <i>Carbon</i> , 2019 , 155, 88-99 | 10.4 | 13 |
| 5 | Carbon-vanadium composites as non-precious catalysts for electro-reduction of oxygen. <i>Carbon</i> , 2019 , 144, 289-300 | 10.4 | 9 |
| 4 | Novel biomaterial design based on Pseudomonas stutzeri/carbon xerogel microspheres for hydrocarbon removal from oil-in-saltwater emulsions: A new proposed treatment of produced water in oilfields. <i>Journal of Water Process Engineering</i> , 2020 , 35, 101222 | 6.7 | 8 |
| 3 | 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. <i>Microporous and Mesoporous Materials</i> , 2021 , 319, 111039 | 5.3 | 7 |
| 2 | From Polyethylene to Highly Graphitic and Magnetic Carbon Spheres Nanocomposites: Carbonization under Pressure. <i>Nanomaterials</i> , 2019 , 9, | 5.4 | 5 |
| 1 | Metal-Carbon-CNF Composites Obtained by Catalytic Pyrolysis of Urban Plastic Residues as Electro-Catalysts for the Reduction of CO ₂ . <i>Catalysts</i> , 2018 , 8, 198 | 4 | 2 |