

Jose F Vivo-Vilches

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.

15
papers

309
citations

10
h-index

16
g-index

16
ext. papers

358
ext. citations

7.4
avg, IF

3.37
L-index

#	Paper	IF	Citations
15	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
14	Tailoring the surface chemistry and porosity of activated carbons: Evidence of reorganization and mobility of oxygenated surface groups. <i>Carbon</i> , 2014 , 68, 520-530	10.4	64
13	Biogas upgrading by selective adsorption onto CO ₂ activated carbon from wood pellets. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 1386-1393	6.8	29
12	Free metal oxygen-reduction electro-catalysts obtained from biomass residue of the olive oil industry. <i>Chemical Engineering Journal</i> , 2016 , 306, 1109-1115	14.7	25
11	Tailoring activated carbons for the development of specific adsorbents of gasoline vapors. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 2, 533-40	12.8	21
10	Electrodes Based on Carbon Aerogels Partially Graphitized by Doping with Transition Metals for Oxygen Reduction Reaction. <i>Nanomaterials</i> , 2018 , 8,	5.4	19
9	Lignin-Based Carbon Nanofibers as Electrodes for Vanadium Redox Couple Electrochemistry. <i>Nanomaterials</i> , 2019 , 9,	5.4	18
8	Layer-by-Layer modification of graphite felt with MWCNT for vanadium redox flow battery. <i>Electrochimica Acta</i> , 2019 , 313, 131-140	6.7	15
7	Fitting the porosity of carbon xerogel by CO ₂ activation to improve the TMP/n-octane separation. <i>Microporous and Mesoporous Materials</i> , 2015 , 209, 10-17	5.3	15
6	Geometrical properties of materials for energy production by salinity exchange. <i>Environmental Chemistry</i> , 2017 , 14, 279	3.2	10
5	Resorcinol-formaldehyde carbon xerogel as selective adsorbent of carbon dioxide present on biogas. <i>Adsorption</i> , 2018 , 24, 169-177	2.6	9
4	From Carbon Molecular Sieves to VOCs filters: Carbon gels with tailored porosity for hexane isomers adsorption and separation. <i>Microporous and Mesoporous Materials</i> , 2018 , 270, 161-167	5.3	9
3	LiFePO ₄ -ferri/ferrocyanide redox targeting aqueous polysolite: Set-up, efficiency and kinetics. <i>Journal of Power Sources</i> , 2021 , 488, 229387	8.9	5
2	About the control of VOC emissions from blended fuels by developing specific adsorbents using agricultural residues. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 2662-2669	6.8	3
1	Carbon Monoliths with Hierarchical Porous Structure for All-Vanadium Redox Flow Batteries. <i>Batteries</i> , 2021 , 7, 55	5.7	2