Jose F Vivo-Vilches

List of Publications by Year in descending order

16 papers	407 citations	840585 11 h-index	940416 16 g-index
16 all docs	16 docs citations	16 times ranked	655 citing authors

#	Article	IF	Citations
1	Activated carbons from agricultural waste solvothermally doped with sulphur as electrodes for supercapacitors. Chemical Engineering Journal, 2018, 334, 1835-1841.	6.6	84
2	Tailoring the surface chemistry and porosity of activated carbons: Evidence of reorganization and mobility of oxygenated surface groups. Carbon, 2014, 68, 520-530.	5.4	71
3	Biogas upgrading by selective adsorption onto CO 2 activated carbon from wood pellets. Journal of Environmental Chemical Engineering, 2017, 5, 1386-1393.	3.3	41
4	Free metal oxygen-reduction electro-catalysts obtained from biomass residue of the olive oil industry. Chemical Engineering Journal, 2016, 306, 1109-1115.	6.6	30
5	Tailoring activated carbons for the development of specific adsorbents of gasoline vapors. Journal of Hazardous Materials, 2013, 263, 533-540.	6.5	28
6	Electrodes Based on Carbon Aerogels Partially Graphitized by Doping with Transition Metals for Oxygen Reduction Reaction. Nanomaterials, 2018, 8, 266.	1.9	28
7	Lignin-Based Carbon Nanofibers as Electrodes for Vanadium Redox Couple Electrochemistry. Nanomaterials, 2019, 9, 106.	1.9	25
8	Layer-by-Layer modification of graphite felt with MWCNT for vanadium redox flow battery. Electrochimica Acta, 2019, 313, 131-140.	2.6	22
9	Fitting the porosity of carbon xerogel by CO2 activation to improve the TMP/n-octane separation. Microporous and Mesoporous Materials, 2015, 209, 10-17.	2.2	17
10	Geometrical properties of materials for energy production by salinity exchange. Environmental Chemistry, 2017, 14, 279.	0.7	13
11	From Carbon Molecular Sieves to VOCs filters: Carbon gels with tailored porosity for hexane isomers adsorption and separation. Microporous and Mesoporous Materials, 2018, 270, 161-167.	2.2	13
12	Resorcinolâ€“formaldehyde carbon xerogel as selective adsorbent of carbon dioxide present on biogas. Adsorption, 2018, 24, 169-177.	1.4	12
13	LiFePO4-ferri/ferrocyanide redox targeting aqueous posolyte: Set-up, efficiency and kinetics. Journal of Power Sources, 2021, 488, 229387.	4.0	10
14	Carbon Monoliths with Hierarchical Porous Structure for All-Vanadium Redox Flow Batteries. Batteries, 2021, 7, 55.	2.1	7
15	About the control of VOCâ€™s emissions from blended fuels by developing specific adsorbents using agricultural residues. Journal of Environmental Chemical Engineering, 2015, 3, 2662-2669.	3.3	4
16	Layer Shape LiFePO₄ Obtained by Powder Extrusion Molding as Solid Boosters for Ferro/Ferricyanide Catholyte in Semisolid Redox Flow Battery: Effect of Porosity and Shape. Batteries and Supercaps, 2022, 5, .	2.4	2