

Alexandro M M Vargas

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

1,125
citations

10
h-index

15
g-index

15
ext. papers

1,266
ext. citations

8.5
avg, IF

3.84
L-index

#	Paper	IF	Citations
15	NaOH-activated carbon of high surface area produced from coconut shell: Kinetics and equilibrium studies from the methylene blue adsorption. <i>Chemical Engineering Journal</i> , 2011 , 174, 117-125	14.7	365
14	Adsorption of methylene blue on activated carbon produced from flamboyant pods (Delonix regia): Study of adsorption isotherms and kinetic models. <i>Chemical Engineering Journal</i> , 2011 , 168, 722-730	14.7	320
13	Kinetic and equilibrium studies: Adsorption of food dyes Acid Yellow 6, Acid Yellow 23, and Acid Red 18 on activated carbon from flamboyant pods. <i>Chemical Engineering Journal</i> , 2012 , 181-182, 243-250	14.7	96
12	Preparation and characterization of activated carbon from a new raw lignocellulosic material: flamboyant (Delonix regia) pods. <i>Journal of Environmental Management</i> , 2011 , 92, 178-84	7.9	95
11	Thermal regeneration study of high surface area activated carbon obtained from coconut shell: Characterization and application of response surface methodology. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013 , 101, 53-60	6	68
10	NaOH-activated carbon from flamboyant (Delonix regia) pods: Optimization of preparation conditions using central composite rotatable design. <i>Chemical Engineering Journal</i> , 2010 , 162, 43-50	14.7	66
9	Ternary adsorption of acid dyes onto activated carbon from flamboyant pods (Delonix regia): Analysis by derivative spectrophotometry and response surface methodology. <i>Chemical Engineering Journal</i> , 2012 , 195-196, 173-179	14.7	44
8	The antioxidant activity of teas measured by the FRAP method adapted to the FIA system: optimising the conditions using the response surface methodology. <i>Food Chemistry</i> , 2013 , 138, 574-80	8.5	31
7	Effects of daily nickel intake on the bio-accumulation, body weight and length in tilapia (<i>Oreochromis niloticus</i>). <i>Toxicological and Environmental Chemistry</i> , 2009 , 91, 751-759	1.4	13
6	Thermally activated carbon from bovine bone: Optimization of synthesis conditions by response surface methodology. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014 , 110, 455-462	6	12
5	Simultaneous determination of the textile dyes in industrial effluents by first-order derivative spectrophotometry. <i>Analytical Sciences</i> , 2009 , 25, 487-92	1.7	6
4	Square wave voltammetry in the determination of Ni ²⁺ and Al ³⁺ in biological sample. <i>Analytical Sciences</i> , 2008 , 24, 1443-7	1.7	6
3	Activated carbons from flamboyant pods: New types of adsorbents and application to laundry effluents. <i>Journal of Water Process Engineering</i> , 2020 , 36, 101277	6.7	3
2	Phytotoxicity and distribution of copper in tropical soil amended with sewage sludge and copper sulfate. <i>Chemical Speciation and Bioavailability</i> , 2012 , 24, 97-104		0
1	Multivariate optimization of the degradation conditions of methylene blue using a catalyst recovered from electronic waste. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103191	6.8	