

Alvaro Realpe

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of glycerol, sunflower oil, and glucose on the physico-chemical and mechanical properties of chitosan/polyvinyl alcohol-based films. <i>Polymer Bulletin</i> , 2022, 79, 6389-6407.	3.3	1
2	Effect of Fe ³⁺ /N Codoping on the Optical Properties of TiO ₂ for Use in Photoelectrolysis of Water. <i>ACS Omega</i> , 2021, 6, 4932-4938.	3.5	5
3	Evaluation of adsorption capacities of nanocomposites prepared from bean starch and montmorillonite. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 17, 100292.	3.3	17
4	Removal of Heavy Metal Water Pollutants (Co ²⁺ and Ni ²⁺) Using Polyacrylamide/Sodium Montmorillonite (PAM/Na-MMT) Nanocomposites. <i>ACS Omega</i> , 2019, 4, 10834-10844.	3.5	68
5	Síntesis y Caracterización Físicoquímica de una Membrana Cargada con TiO ₂ Preparada a Partir de la Sulfonación de un Copolímero de Ácido Acrílico y Estireno. <i>Información Tecnológica (discontinued)</i> , 2015, 26, 97-104.	0.3	3
6	Síntesis de Membranas de Intercambio Protónico a Partir de Mezcla de Poliéster Insaturado y Látex Natural, para su uso en Celdas de Combustible. <i>Información Tecnológica (discontinued)</i> , 2015, 26, 55-62.	0.3	3
7	Electrolytic removal of nitrate and potassium from wheat leachate using a four compartment electrolytic cell. <i>Desalination</i> , 2011, 278, 354-364.	8.2	14
8	Mixing of granular materials, part II: effect of particle size under periodic shear. <i>Powder Technology</i> , 2010, 201, 193-200.	4.2	12
9	Mixing of granular materials. Part I: Effect of periodic shear. <i>Powder Technology</i> , 2010, 197, 9-16.	4.2	10
10	Agglomeration modeling of small and large particles by a diffusion theory approach. <i>AIChE Journal</i> , 2009, 55, 1127-1134.	3.6	2
11	Growth kinetics and mechanism of wet granulation in a laboratory-scale high shear mixer: Effect of initial polydispersity of particle size. <i>Chemical Engineering Science</i> , 2008, 63, 1602-1611.	3.8	30
12	Pattern recognition for characterization of pharmaceutical powders. <i>Powder Technology</i> , 2006, 169, 108-113.	4.2	19
13	Image processing and analysis for determination of concentrations of powder mixtures. <i>Powder Technology</i> , 2003, 134, 193-200.	4.2	49