

Marvin Ricaurte

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

532
citations

1163117

8
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	CO ₂ Removal from a CO ₂ -CH ₄ Gas Mixture by Clathrate Hydrate Formation Using THF and SDS as Water-Soluble Hydrate Promoters. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 899-910.	3.7	106
2	CO ₂ enclathration in the presence of water-soluble hydrate promoters: Hydrate phase equilibria and kinetic studies in quiescent conditions. <i>Chemical Engineering Science</i> , 2012, 82, 1-13.	3.8	99
3	Combination of surfactants and organic compounds for boosting CO ₂ separation from natural gas by clathrate hydrate formation. <i>Fuel</i> , 2014, 122, 206-217.	6.4	82
4	CO ₂ capture by hydrate formation in quiescent conditions: In search of efficient kinetic additives. <i>Energy Procedia</i> , 2011, 4, 621-628.	1.8	62
5	Influence of the carbon chain length of a sulfate-based surfactant on the formation of CO ₂ , CH ₄ and CO ₂ -CH ₄ gas hydrates. <i>Chemical Engineering Science</i> , 2016, 152, 736-745.	3.8	49
6	Experimental Data, Modeling, and Correlation of Carbon Dioxide Solubility in Aqueous Solutions Containing Low Concentrations of Clathrate Hydrate Promoters: Application to CO ₂ -CH ₄ Gas Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 3157-3169.	3.7	44
7	Project-based learning as a strategy for multi-level training applied to undergraduate engineering students. <i>Education for Chemical Engineers</i> , 2020, 33, 102-111.	4.8	33
8	In situ injection of THF to trigger gas hydrate crystallization: Application to the evaluation of a kinetic hydrate promoter. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1674-1680.	5.6	21
9	Industrial Processes Online Teaching: A Good Practice for Undergraduate Engineering Students in Times of COVID-19. <i>Sustainability</i> , 2022, 14, 4776.	3.2	7
10	Kinetic and Thermodynamic Analysis of High-Pressure CO ₂ Capture Using Ethylenediamine: Experimental Study and Modeling. <i>Energies</i> , 2021, 14, 6822.	3.1	6
11	Croton lechleri Extracts as Green Corrosion Inhibitors of Admiralty Brass in Hydrochloric Acid. <i>Molecules</i> , 2021, 26, 7417.	3.8	6
12	Shrinking-Core Model Integrating to the Fluid-Dynamic Analysis of Fixed-Bed Adsorption Towers for H ₂ S Removal from Natural Gas. <i>Energies</i> , 2021, 14, 5576.	3.1	5
13	An improved method for calculating critical temperatures and critical pressures in natural gas mixtures with up to C ₁₁ hydrocarbons. <i>Oil and Gas Science and Technology</i> , 2019, 74, 53.	1.4	3
14	Mechanical properties and X-ray diffraction analyses of clay/sand pellets for CO ₂ adsorption: the effects of sand content and humidity. <i>Oil and Gas Science and Technology</i> , 2021, 76, 49.	1.4	3
15	Estimating water content of natural gas mixtures considering heavy hydrocarbons contribution using artificial neural networks. <i>Petroleum Science and Technology</i> , 2023, 41, 819-833.	1.5	2
16	Predictive modeling of the primary settling tanks based on artificial neural networks for estimating TSS and COD as typical effluent parameters. <i>Water Science and Technology</i> , 2022, 85, 3451-3464.	2.5	2
17	Filtration Effect on Water in Oil Emulsions Stabilization in Slop Crude Treatment. , 2007, , .		1
18	Diseño de una planta para la producción de etanol a partir de la caña de azúcar: aplicación en la zona Norte de Ecuador. <i>Revista Bionatura</i> , 2019, 02, .	0.4	1