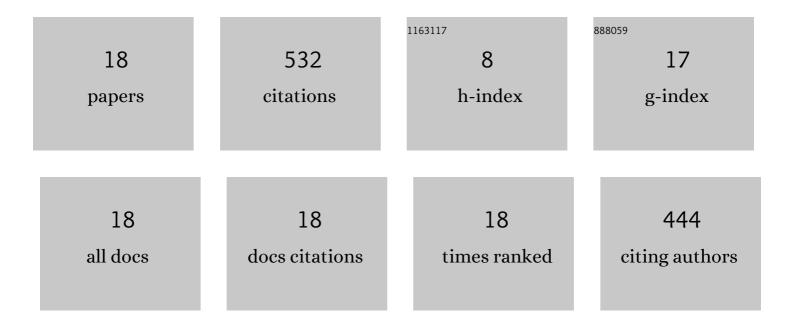
Marvin Ricaurte

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Estimating water content of natural gas mixtures considering heavy hydrocarbons contribution using artificial neural networks. Petroleum Science and Technology, 2023, 41, 819-833.	1.5	2
2	Industrial Processes Online Teaching: A Good Practice for Undergraduate Engineering Students in Times of COVID-19. Sustainability, 2022, 14, 4776.	3.2	7
3	Predictive modeling of the primary settling tanks based on artificial neural networks for estimating TSS and COD as typical effluent parameters. Water Science and Technology, 2022, 85, 3451-3464.	2.5	2
4	Mechanical properties and X-ray diffraction analyses of clay/sand pellets for CO ₂ adsorption: the effects of sand content and humidity. Oil and Gas Science and Technology, 2021, 76, 49.	1.4	3
5	Shrinking-Core Model Integrating to the Fluid-Dynamic Analysis of Fixed-Bed Adsorption Towers for H2S Removal from Natural Gas. Energies, 2021, 14, 5576.	3.1	5
6	Kinetic and Thermodynamic Analysis of High-Pressure CO2 Capture Using Ethylenediamine: Experimental Study and Modeling. Energies, 2021, 14, 6822.	3.1	6
7	Croton lechleri Extracts as Green Corrosion Inhibitors of Admiralty Brass in Hydrochloric Acid. Molecules, 2021, 26, 7417.	3.8	6
8	Project-based learning as a strategy for multi-level training applied to undergraduate engineering students. Education for Chemical Engineers, 2020, 33, 102-111.	4.8	33
9	An improved method for calculating critical temperatures and critical pressures in natural gas mixtures with up to <i>n</i> C ₁₁ hydrocarbons. Oil and Gas Science and Technology, 2019, 74, 53.	1.4	3
10	Diseño de una planta para la producción de etanol a partir de la caña de azúcar: aplicación en la zona Norte de Ecuador. Revista Bionatura, 2019, 02, .	0.4	1
11	Influence of the carbon chain length of a sulfate-based surfactant on the formation of CO2, CH4 and CO2–CH4 gas hydrates. Chemical Engineering Science, 2016, 152, 736-745.	3.8	49
12	In situ injection of THF to trigger gas hydrate crystallization: Application to the evaluation of a kinetic hydrate promoter. Chemical Engineering Research and Design, 2014, 92, 1674-1680.	5.6	21
13	Combination of surfactants and organic compounds for boosting CO2 separation from natural gas by clathrate hydrate formation. Fuel, 2014, 122, 206-217.	6.4	82
14	CO ₂ Removal from a CO ₂ –CH ₄ Gas Mixture by Clathrate Hydrate Formation Using THF and SDS as Water-Soluble Hydrate Promoters. Industrial & Engineering Chemistry Research, 2013, 52, 899-910.	3.7	106
15	CO2 enclathration in the presence of water-soluble hydrate promoters: Hydrate phase equilibria and kinetic studies in quiescent conditions. Chemical Engineering Science, 2012, 82, 1-13.	3.8	99
16	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. Industrial & Engineering Chemistry Research, 2012, 51, 3157-3169.	3.7	44
17	CO2 capture by hydrate formation in quiescent conditions: In search of efficient kinetic additives. Energy Procedia, 2011, 4, 621-628.	1.8	62

Filtration Effect on Water in Oil Emulsions Stabilization in Slop Crude Treatment. , 2007, , .

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