

# Juan G Beltran

## List of Publications by Year in descending order

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17  
papers

365  
citations

932766

10  
h-index

887659

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

310  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase equilibria of hydrates from ternary mixtures of methane+ethane+propane and methane+propane+carbon dioxide. Canadian Journal of Chemical Engineering, 2023, 101, 651-656.	0.9	1
2	Mechanisms, Growth Rates, and Morphologies of Gas Hydrates of Carbon Dioxide, Methane, and Their Mixtures. Methane, 2022, 1, 2-23.	0.8	9
3	Morphology and Interphase Boundary Behavior of Gas Hydrates of Single, Binary, and Ternary Guests. Energy & Fuels, 2022, 36, 10512-10518.	2.5	2
4	Growth Mechanisms and Phase Equilibria of Propane and Methane + Propane Hydrates. Journal of Chemical & Engineering Data, 2021, 66, 4112-4121.	1.0	9
5	Assessment of commercial hydrate inhibitors using the 3-in-1 method. Canadian Journal of Chemical Engineering, 2019, 97, 2818-2826.	0.9	7
6	A 3-In-1 Approach to Evaluate Gas Hydrate Inhibitors. Energies, 2019, 12, 2921.	1.6	3
7	Phase equilibria, kinetics and morphology of methane hydrate inhibited by antifreeze proteins: application of a novel 3-in-1 method. Journal of Chemical Thermodynamics, 2018, 117, 155-163.	1.0	20
8	Methane hydrate propagation on surfaces of varying wettability. Journal of Natural Gas Science and Engineering, 2016, 35, 1535-1543.	2.1	36
9	Novel gas hydrate reactor design: 3-in-1 assessment of phase equilibria, morphology and kinetics. Fluid Phase Equilibria, 2016, 413, 148-157.	1.4	20
10	Gas hydrate phase equilibria measurement techniques and phase rule considerations. Journal of Chemical Thermodynamics, 2012, 44, 1-4.	1.0	10
11	Theoretical pressure dependency of carbon dioxide solubility under hydrate-liquid water equilibrium. Canadian Journal of Chemical Engineering, 2010, 88, 307-311.	0.9	2
12	Reaction rate constant of methane clathrate formation. Fuel, 2010, 89, 294-301.	3.4	37
13	Solubility measurements for the CH <sub>4</sub> + CO <sub>2</sub> + H <sub>2</sub> O system under hydrate-liquid-vapor equilibrium. Fluid Phase Equilibria, 2010, 296, 106-109.	1.4	44
14	Morphological Investigations of Methane Hydrate Films Formed on a Glass Surface. Crystal Growth and Design, 2010, 10, 4339-4347.	1.4	63
15	Equilibrium Studies for the System Methane + Carbon Dioxide + Neohexane + Water. Journal of Chemical & Engineering Data, 2008, 53, 1745-1749.	1.0	38
16	Vapor-Liquid Water-Hydrate Equilibrium Data for the System N <sub>2</sub> + CO <sub>2</sub> + H <sub>2</sub> O. Journal of Chemical & Engineering Data, 2008, 53, 2594-2597.	1.0	43
17	Activity and stability of caffeine demethylases found in Pseudomonas putida IF-3. Biochemical Engineering Journal, 2006, 31, 8-13.	1.8	21