

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