

Connor E Deering

List of Publications by Year in descending order

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21
all docs

21
docs citations

21
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Equilibrium Data and Model Comparisons for H ₂ S Hydrates. Journal of Chemical & Engineering Data, 2015, 60, 403-408.	1.0	49
2	Improving low-temperature CS ₂ conversion for the Claus process by using La(III)-doped nanofibrous TiO ₂ xerogel. Applied Catalysis B: Environmental, 2019, 241, 217-226.	10.8	32
3	Improved carbon disulfide conversion: Modification of an alumina Claus catalyst by deposition of transition metal oxides. Applied Catalysis A: General, 2020, 604, 117773.	2.2	20
4	The partial molar volumes for water dissolved in high-pressure carbon dioxide from T = (318.28 to T _j) ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.0	19
5	Solâ€“Gel-Derived 2D Nanostructures of Aluminum Hydroxide Acetate: Toward the Understanding of Nanostructure Formation. Journal of Physical Chemistry C, 2018, 122, 5141-5150.	1.5	15
6	The Volumetric Properties of Carbonyl Sulfide and Carbon Dioxide Mixtures from <i>T</i> = 322 to 393 K and <i>p</i> = 2.5 to 35 MPa: Application to COS Hydrolysis in Subsurface Injectate Streams. Journal of Chemical & Engineering Data, 2016, 61, 1341-1347.	1.0	13
7	Hydrate Decomposition Conditions for Liquid Water and Propane. Journal of Chemical & Engineering Data, 2017, 62, 2222-2229.	1.0	12
8	Organosulfur adsorbents by self-assembly of titania based ternary metal oxide nanofibers. Journal of Materials Chemistry A, 2017, 5, 9561-9571.	5.2	11
9	High-Pressure Hydrogen Sulfide Experiments: How Did Our Safety Measures and Hazard Control Work during a Failure Event?. Safety, 2020, 6, 15.	0.9	10
10	Hydrogen Sulfide Hydrate Dissociation in the Presence of Liquid Water. Industrial & Engineering Chemistry Research, 0, , .	1.8	9
11	Water content and hydrate dissociation conditions for carbon dioxide rich fluid. International Journal of Greenhouse Gas Control, 2020, 101, 103139.	2.3	8
12	Rapid Cycling Thermal Swing Adsorption Apparatus: Commissioning and Data Analyses for Water Adsorption of Zeolites 4A and 13X Over 2000 Cycles. Industrial & Engineering Chemistry Research, 2021, 60, 7487-7494.	1.8	8
13	Solâ€“gel synthesis of 2-dimensional TiO ₂ : self-assembly of Tiâ€“oxoalkoxyâ€“acetate complexes by carboxylate ligand directed condensation. Faraday Discussions, 2021, 227, 125-140.	1.6	7
14	Volumetric properties and phase behavior of sulfur dioxide, carbon disulfide and oxygen in high-pressure carbon dioxide fluid. Fluid Phase Equilibria, 2018, 477, 30-39.	1.4	6
15	Water content of liquid H ₂ S in equilibrium with the hydrate phase. Fluid Phase Equilibria, 2021, 529, 112865.	1.4	4
16	Interactions of protamine with the marine bacterium, Pseudoalteromonas sp. NCIMB 2021. Letters in Applied Microbiology, 2014, 58, 225-230.	1.0	3
17	High-Pressure Densities and Excess Molar Volumes for the Binary Mixture of Carbon Dioxide and Hydrogen Sulfide at <i>T</i> = 343â€“397 K. Journal of Chemical & Engineering Data, 2021, 66, 4236-4247.	1.0	3
18	The Saturated Water Content of Liquid Propane in Equilibrium with the sII Hydrate. Energies, 2020, 13, 6295.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Experimental High-Pressure Hydrogen Sulfide Partial Oxidation and Equilibrium Calculation by Gibbs Energy Minimization. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 19890-19896.	1.8	1
20	High-Pressure Volumetric Properties of Carbon Disulfide, Carbonyl Sulfide, and Hydrogen Sulfide in Propane. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 4621-4631.	1.0	1
21	Densities for Sulfur in Benzene and Densities with Solubilities for a Eutectic Mixture of Biphenyl plus Diphenyl Ether: A General Solubility Equation for the Treatment of Aromatic Physical Sulfur Solvents. <i>Journal of Chemical & Engineering Data</i> , 2022, 67, 994-1006.	1.0	1