

Morten Hammer

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

808
citations

516215

16
h-index

500791

28
g-index

38
all docs

38
docs citations

38
times ranked

605
citing authors

#	ARTICLE	IF	CITATIONS
19	A method for simulating two-phase pipe flow with real equations of state. Computers and Fluids, 2014, 100, 45-58.	1.3	15
20	Key findings and recommendations from the IMPACTS project. International Journal of Greenhouse Gas Control, 2016, 54, 588-598.	2.3	15
21	CO2 Pipeline Integrity: A Coupled Fluid-structure Model Using a Reference Equation of State for CO2. Energy Procedia, 2013, 37, 3113-3122.	1.8	14
22	Predicting triggering and consequence of delayed LNG RPT. Journal of Loss Prevention in the Process Industries, 2018, 55, 124-133.	1.7	14
23	Accurate quantum-corrected cubic equations of state for helium, neon, hydrogen, deuterium and their mixtures. Fluid Phase Equilibria, 2020, 524, 112790.	1.4	14
24	IMPACTS: Economic Trade-offs for CO2 Impurity Specification. Energy Procedia, 2014, 63, 7379-7388.	1.8	10
25	Need for experiments on shut-ins and depressurizations in CO2 injection wells. Energy Procedia, 2014, 63, 3022-3029.	1.8	10
26	Computation of three-dimensional three-phase flow of carbon dioxide using a high-order WENO scheme. Journal of Computational Physics, 2017, 348, 1-22.	1.9	8
27	A combined fluid-dynamic and thermodynamic model to predict the onset of rapid phase transitions in LNG spills. Journal of Loss Prevention in the Process Industries, 2021, 69, 104354.	1.7	7
28	Perturbation theories for fluids with short-ranged attractive forces: A case study of the Lennard-Jones spline fluid. Journal of Chemical Physics, 2022, 156, 104504.	1.2	6
29	Choice of reference, influence of non-additivity, and present challenges in thermodynamic perturbation theory for mixtures. Journal of Chemical Physics, 2020, 152, 134106.	1.2	5
30	Depressurization of CO2-N2 and CO2-He in a pipe: Experiments and modelling of pressure and temperature dynamics. International Journal of Greenhouse Gas Control, 2021, 109, 103361.	2.3	5
31	Upward and downward two-phase flow of CO2 in a pipe: Comparison between experimental data and model predictions. International Journal of Multiphase Flow, 2021, 138, 103590.	1.6	4
32	HLLC-type methods for compressible two-phase flow in ducts with discontinuous area changes. Computers and Fluids, 2021, 227, 105023.	1.3	4
33	Equation of state for confined fluids. Journal of Chemical Physics, 2022, 156, .	1.2	4
34	Thermodynamic Model Evaluations for Hydrogen Pipeline Transportation. , 2022, , .		3
35	Towards a thorough Validation of Simulation Tools for CO2 Pipeline Transport. Energy Procedia, 2017, 114, 6730-6740.	1.8	2
36	Simulation of a Full-Scale CO2 Fracture Propagation Test. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
37	Coupled CO ₂ -well-reservoir simulation using a partitioned approach: effect of reservoir properties on well dynamics. , 2021, 11, 103-127.		0