

List of Publications by Year in descending order

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2257263

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docs citations

8
times ranked

42
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the risk of hydrate formation in CO ₂ pipelines under transient operation. International Journal of Greenhouse Gas Control, 2013, 14, 177-182.	2.3	17
2	Comparison of Bayesian estimation methods for modeling flow transients in gas pipelines. Journal of Natural Gas Science and Engineering, 2017, 38, 159-170.	2.1	14
3	A particle filter-based framework for real-time state estimation of a non-linear hyperbolic PDE system describing transient flows in CO ₂ pipelines. Computers and Mathematics With Applications, 2014, 68, 1991-2004.	1.4	7
4	A multiobjective optimization approach to filter tuning applied to coupled hyperbolic PDEs describing gas flow dynamics. Optimal Control Applications and Methods, 2019, 40, 750-763.	1.3	3
5	An algorithm for finding optimal sensor placement and model uncertainty in data assimilation applied to Riemann problems. Applied Mathematical Modelling, 2022, 103, 649-673.	2.2	3
6	Comparison of two non-convex mixed-integer nonlinear programming algorithms applied to autoregressive moving average model structure and parameter estimation. Engineering Optimization, 2016, 48, 1693-1706.	1.5	1
7	A comparison of numerical integration schemes for particle filter-based estimation of gas flow dynamics. Physica Scripta, 2018, 93, 125001.	1.2	1
8	Numerical issues in gas flow dynamics with hydraulic shocks using high order finite volume WENO schemes. Journal of Computational Physics, 2020, 404, 109137.	1.9	0