

List of Publications by Year in descending order

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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. <i>International Journal of Greenhouse Gas Control</i> , 2013, 14, 177-182.	4.6	17
2	Comparison of Bayesian estimation methods for modeling flow transients in gas pipelines. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 38, 159-170.	4.4	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. <i>Computers and Mathematics With Applications</i> , 2014, 68, 1991-2004.	2.7	7
4	A multiobjective optimization approach to filter tuning applied to coupled hyperbolic PDEs describing gas flow dynamics. <i>Optimal Control Applications and Methods</i> , 2019, 40, 750-763.	2.1	3
5	An algorithm for finding optimal sensor placement and model uncertainty in data assimilation applied to Riemann problems. <i>Applied Mathematical Modelling</i> , 2022, 103, 649-673.	4.2	3
6	Comparison of two non-convex mixed-integer nonlinear programming algorithms applied to autoregressive moving average model structure and parameter estimation. <i>Engineering Optimization</i> , 2016, 48, 1693-1706.	2.6	1
7	A comparison of numerical integration schemes for particle filter-based estimation of gas flow dynamics. <i>Physica Scripta</i> , 2018, 93, 125001.	2.5	1
8	Numerical issues in gas flow dynamics with hydraulic shocks using high order finite volume WENO schemes. <i>Journal of Computational Physics</i> , 2020, 404, 109137.	3.8	0