

List of Publications by Year in descending order

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2257263

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#	ARTICLE	IF	CITATIONS
1	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.	2.2	3
2	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.	1.9	0
3	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.	1.3	3
4	A comparison of numerical integration schemes for particle filter-based estimation of gas flow dynamics. <i>Physica Scripta</i> , 2018, 93, 125001.	1.2	1
5	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.	2.1	14
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.	1.5	1
7	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.	1.4	7
8	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.	2.3	17