

# Saifon Chaturantabut

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/394649/publications.pdf>

Version: 2024-02-01

11  
papers

1,669  
citations

1478280

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h-index

1372474

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11  
docs citations

11  
times ranked

1049  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Missing Data Reconstruction Method Using an Accelerated Least-Squares Approximation with Randomized SVD. Algorithms, 2022, 15, 190.	1.2	2
2	Parametric Nonlinear Model Reduction Using K-Means Clustering for Miscible Flow Simulation. Journal of Applied Mathematics, 2020, 2020, 1-12.	0.4	2
3	An Application of a Modified Gappy Proper Orthogonal Decomposition on Complexity Reduction of Allen-Cahn Equation. Algorithms, 2020, 13, 148.	1.2	2
4	Temporal localized nonlinear model reduction with a priori error estimate. Applied Numerical Mathematics, 2017, 119, 225-238.	1.2	19
5	Dimension reduction for systems with parametrized boundaries for Fisher's equation. AIP Conference Proceedings, 2016, , .	0.3	1
6	Nonlinear Parametric Inversion Using Interpolatory Model Reduction. SIAM Journal of Scientific Computing, 2015, 37, B495-B517.	1.3	15
7	A State Space Error Estimate for POD-DEIM Nonlinear Model Reduction. SIAM Journal on Numerical Analysis, 2012, 50, 46-63.	1.1	133
8	Application of POD and DEIM on dimension reduction of non-linear miscible viscous fingering in porous media. Mathematical and Computer Modelling of Dynamical Systems, 2011, 17, 337-353.	1.4	87
9	Morphologically accurate reduced order modeling of spiking neurons. Journal of Computational Neuroscience, 2010, 28, 477-494.	0.6	55
10	Nonlinear Model Reduction via Discrete Empirical Interpolation. SIAM Journal of Scientific Computing, 2010, 32, 2737-2764.	1.3	1,275
11	Discrete Empirical Interpolation for nonlinear model reduction. , 2009, , .		78