

Grigoriy Kimaev

List of Publications by Year in descending order

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7
papers

134
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear model predictive control of a multiscale thin film deposition process using artificial neural networks. <i>Chemical Engineering Science</i> , 2019, 207, 1230-1245.	3.8	51
2	A comparison of efficient uncertainty quantification techniques for stochastic multiscale systems. <i>AIChE Journal</i> , 2017, 63, 3361-3373.	3.6	20
3	Artificial Neural Network Discrimination for Parameter Estimation and Optimal Product Design of Thin Films Manufactured by Chemical Vapor Deposition. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18615-18627.	3.1	19
4	Multilevel Monte Carlo applied for uncertainty quantification in stochastic multiscale systems. <i>AIChE Journal</i> , 2020, 66, e16262.	3.6	14
5	Multilevel Monte Carlo applied to chemical engineering systems subject to uncertainty. <i>AIChE Journal</i> , 2018, 64, 1651-1661.	3.6	13
6	Artificial Neural Networks for dynamic optimization of stochastic multiscale systems subject to uncertainty. <i>Chemical Engineering Research and Design</i> , 2020, 161, 11-25.	5.6	11
7	Multilevel Monte Carlo for noise estimation in stochastic multiscale systems. <i>Chemical Engineering Research and Design</i> , 2018, 140, 33-43.	5.6	6