

Enoch Yeung

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

161
citations

1937685

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2272923

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g-index

17
all docs

17
docs citations

17
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-driven network models for genetic circuits from time-series data with incomplete measurements. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210413.	3.4	7
2	Stability Analysis of Parameter Varying Genetic Toggle Switches Using Koopman Operators. <i>Mathematics</i> , 2021, 9, 3133.	2.2	4
3	A broad-host-range event detector: expanding and quantifying performance between <i>Escherichia coli</i> and <i>Pseudomonas</i> species. <i>Synthetic Biology</i> , 2020, 5, .	2.2	11
4	Data-Driven Operator Theoretic Methods for Global Phase Space Learning. , 2020, , .		11
5	Prediction of fitness in bacteria with causal jump dynamic mode decomposition. , 2020, , .		2
6	Steady state programming of controlled nonlinear systems via deep dynamic mode decomposition. , 2020, , .		1
7	Towards Scalable Koopman Operator Learning: Convergence Rates and A Distributed Learning Algorithm. , 2020, , .		1
8	Synthetic Biology Tools for the Fast-Growing Marine Bacterium <i>Vibrio natriegens</i> . <i>ACS Synthetic Biology</i> , 2019, 8, 2069-2079.	3.8	60
9	On Computation of Koopman Operator from Sparse Data. , 2019, , .		18
10	Optimal reporter placement in sparsely measured genetic networks using the Koopman operator. , 2019, , .		7
11	On Information Transfer in Dynamical Systems with applications in Control of Non-equilibrium Dynamics. , 2019, , .		1
12	A data-driven method for quantifying the impact of a genetic circuit on its host. , 2019, , .		9
13	Koopman Operators for Generalized Persistence of Excitation Conditions for Nonlinear Systems. , 2019, , .		4
14	Modeling environmental disturbances with the chemical master equation. , 2013, , .		4
15	Resource competition as a source of non-minimum phase behavior in transcription-translation systems. , 2013, , .		9
16	Quantifying crosstalk in biochemical systems. , 2012, , .		12