

Afroza Shirin

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

169
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

622
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy scaling of targeted optimal control of complex networks. Nature Communications, 2017, 8, 15145.	12.8	63
2	Locally Optimal Control of Complex Networks. Physical Review Letters, 2017, 119, 268301.	7.8	32
3	Prediction of Optimal Drug Schedules for Controlling Autophagy. Scientific Reports, 2019, 9, 1428.	3.3	17
4	Optimal control of complex networks: Balancing accuracy and energy of the control action. Chaos, 2017, 27, 041103.	2.5	12
5	Optimal regulation of blood glucose level in Type I diabetes using insulin and glucagon. PLoS ONE, 2019, 14, e0213665.	2.5	11
6	Numerical solution of a fractional-order Bagley–Torvik equation by quadratic finite element method. Journal of Applied Mathematics and Computing, 2021, 66, 351-367.	2.5	8
7	Stability analysis of reservoir computers dynamics via Lyapunov functions. Chaos, 2019, 29, 103147.	2.5	7
8	Data-driven optimized control of the COVID-19 epidemics. Scientific Reports, 2021, 11, 6525.	3.3	7
9	Reservoir computing with random and optimized time-shifts. Chaos, 2021, 31, 121103.	2.5	6
10	Optimal control of networks in the presence of attackers and defenders. Chaos, 2018, 28, 051103.	2.5	4
11	Modeling and Stability of a Laser Beam-Driven Sail. , 2021, , .		2