

# Zhen Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9103931/publications.pdf>

Version: 2024-02-01

5  
papers

150  
citations

1684129

5  
h-index

2053674

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Poisson Systems and Trajectories of Autonomous Systems via Poisson Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8271-8283.	11.3	9
2	GFINNs: GENERIC formalism informed neural networks for deterministic and stochastic dynamical systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	3.4	18
3	An integrated framework for building trustworthy data-driven epidemiological models: Application to the COVID-19 outbreak in New York City. PLoS Computational Biology, 2021, 17, e1009334.	3.2	19
4	Identifiability and predictability of integer- and fractional-order epidemiological models using physics-informed neural networks. Nature Computational Science, 2021, 1, 744-753.	8.0	36
5	SympNets: Intrinsic structure-preserving symplectic networks for identifying Hamiltonian systems. Neural Networks, 2020, 132, 166-179.	5.9	68