

Christopher J Quinn

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

463
citations

1651377

6
h-index

1762888

8
g-index

18
all docs

18
docs citations

18
times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Piece-Wise Stationary Time Series. , 2020, , .		1
2	Visual Experience-Dependent Oscillations and Underlying Circuit Connectivity Changes Are Impaired in Fmr1 KO Mice. Cell Reports, 2020, 31, 107486.	2.9	20
3	A Measure of Synergy, Redundancy, and Unique Information using Information Geometry. , 2019, , .		2
4	Bounded-Degree Connected Approximations of Stochastic Networks. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2017, 3, 79-88.	1.4	2
5	Robust Sparse Approximations for Stochastic Dynamical Systems. IFAC-PapersOnLine, 2017, 50, 14010-14015.	0.5	1
6	Sparse approximations of directed information graphs. , 2016, , .		3
7	On sparse approximations for time-series networks. , 2016, , .		0
8	Directed Information Graphs. IEEE Transactions on Information Theory, 2015, 61, 6887-6909.	1.5	93
9	Dynamic and Succinct Statistical Analysis of Neuroscience Data. Proceedings of the IEEE, 2014, 102, 683-698.	16.4	14
10	Efficient Methods to Compute Optimal Tree Approximations of Directed Information Graphs. IEEE Transactions on Signal Processing, 2013, 61, 3173-3182.	3.2	24
11	Fingerprinting With Equiangular Tight Frames. IEEE Transactions on Information Theory, 2013, 59, 1855-1865.	1.5	25
12	Optimal bounded-degree approximations of joint distributions of networks of stochastic processes. , 2013, , .		2
13	Robust directed tree approximations for networks of stochastic processes. , 2013, , .		3
14	Estimating the directed information to infer causal relationships in ensemble neural spike train recordings. Journal of Computational Neuroscience, 2011, 30, 17-44.	0.6	245
15	A generalized prediction framework for granger causality. , 2011, , .		3
16	Equivalence between minimal generative model graphs and directed information graphs. , 2011, , .		18
17	A minimal approach to causal inference on topologies with bounded indegree. , 2011, , .		3
18	Approximating discrete probability distributions with causal dependence trees. , 2010, , .		4