

Giacomo Baggio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6912016/publications.pdf>

Version: 2024-02-01

26
papers

407
citations

1163117

8
h-index

1058476

14
g-index

26
all docs

26
docs citations

26
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Aware Controllability of Complex Networks. Annual Review of Control, Robotics, and Autonomous Systems, 2022, 5, 465-489.	11.8	3
2	Non-normality Improves Information Transmission Performance of Network Systems. IEEE Transactions on Control of Network Systems, 2021, 8, 1846-1858.	3.7	5
3	Data-driven control of complex networks. Nature Communications, 2021, 12, 1429.	12.8	72
4	Distributed Learning of Optimal Controls for Linear Systems. , 2021, , .		8
5	Stability Conditions for Cluster Synchronization in Networks of Heterogeneous Kuramoto Oscillators. IEEE Transactions on Control of Network Systems, 2020, 7, 302-314.	3.7	61
6	Efficient communication over complex dynamical networks: The role of matrix non-normality. Science Advances, 2020, 6, eaba2282.	10.3	20
7	Conditions for Feedback Linearization of Network Systems. , 2020, 4, 578-583.		7
8	Learning Minimum-Energy Controls from Heterogeneous Data. , 2020, , .		8
9	Conal Distances Between Rational Spectral Densities. IEEE Transactions on Automatic Control, 2019, 64, 1848-1857.	5.7	2
10	On the Existence of a Solution to a Spectral Estimation Problem <itali>Ã la</itali> Byrnes"Georgiou"Lindquist. IEEE Transactions on Automatic Control, 2019, 64, 820-825.	5.7	19
11	Parametrization of Minimal Spectral Factors of Discrete-Time Rational Spectral Densities. IEEE Transactions on Automatic Control, 2019, 64, 396-403.	5.7	9
12	Data-Driven Minimum-Energy Controls for Linear Systems. , 2019, 3, 589-594.		58
13	The Shannon Capacity of Linear Dynamical Networks. , 2019, , .		3
14	Quantum Information Encoding from Stabilizing Dynamics. , 2019, , .		3
15	Gramian Optimization with Input-Power Constraints. , 2019, , .		7
16	A Framework to Control Functional Connectivity in the Human Brain. , 2019, , .		14
17	Exact and Approximate Stability Conditions for Cluster Synchronization of Kuramoto Oscillators. , 2019, , .		8
18	Further Results on the Convergence of the Pavon"Ferrante Algorithm for Spectral Estimation. IEEE Transactions on Automatic Control, 2018, 63, 3510-3515.	5.7	8

#	ARTICLE	IF	CITATIONS
19	Information Transmission in Dynamical Networks: The Normal Network Case. , 2018, 2018, .		2
20	On the Relation Between Non-normality and Diameter in Linear Dynamical Networks. , 2018, , .		6
21	On the Role of Network Centrality in the Controllability of Complex Networks. IEEE Transactions on Control of Network Systems, 2017, 4, 643-653.	3.7	48
22	On the Convergence of a Matricial Fixed-Point Iteration Connected with Spectral Estimation. IFAC-PapersOnLine, 2017, 50, 7415-7420.	0.9	1
23	LTI Stochastic Processes: a Behavioral Perspective * *The research leading to these results has received funding from the European Research Council under the Advanced ERC Grant Agreement Switchlet n. 670645.. IFAC-PapersOnLine, 2017, 50, 2806-2811.	0.9	2
24	On Minimal Spectral Factors With Zeroes and Poles Lying on Prescribed Regions. IEEE Transactions on Automatic Control, 2016, 61, 2251-2255.	5.7	10
25	On the Factorization of Rational Discrete-Time Spectral Densities. IEEE Transactions on Automatic Control, 2016, 61, 969-981.	5.7	16
26	Quantum state preparation by controlled dissipation in finite time: From classical to quantum controllers. , 2012, , .		7