Gustav Nilsson

List of Publications by Year
in descending order

16 papers	71 citations	1937685 4 h-index	1872680 6 g-index
16 all docs	16 docs citations	16 times ranked	48 citing authors

#	Article	IF	Citations
1	Generalized Proportional Allocation Policies for Robust Control of Dynamical Flow Networks. IEEE Transactions on Automatic Control, 2022, 67, 32-47.	5.7	8
2	Extent-compatible control barrier functions. Systems and Control Letters, 2021, 150, 104895.	2.3	7
3	Strong Integral Input-to-State Stability in Dynamical Flow Networks. , 2021, , .		1
4	Scheduling of Urban Air Mobility Services with Limited Landing Capacity and Uncertain Travel Times. , 2021, , .		2
5	On the well-posedness of deterministic queuing networks with feedback control. Transportation Research Part B: Methodological, 2021, 150, 323-335.	5.9	2
6	On the Impact of the Capacity Drop Phenomenon for Freeway Traffic Flow Control. , 2021, , .		0
7	Sensitivity of Electric Vehicle Charging Facility Occupancy to Users' Impatience. , 2021, , .		0
8	On Robustness of the Generalized Proportional Controller for Traffic Signal Control. , 2020, , .		1
9	A Micro-Simulation Study of the Generalized Proportional Allocation Traffic Signal Control. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1705-1715.	8.0	15
10	Data Augmentation of IMU Signals and Evaluation via a Semi-Supervised Classification of Driving Behavior. , 2020, , .		2
11	Assignment and Control of Two- Tiered Vehicle Traffic. , 2018, , .		3
12	Evaluation of Decentralized Feedback Traffic Light Control with Dynamic Cycle Length. IFAC-PapersOnLine, 2018, 51, 464-469.	0.9	4
13	On Distributed Optimal Control of Traffic Flows in Transportation Networks. , 2018, , .		3
14	On Generalized Proportional Allocation Policies for Traffic Signal Control * *The authors are members of the excellence centers LCCC and ELLIIT. The work was partially supported by the Swedish Research Council through Project Research Grant 2015-04066 and by the Compagina di San Paolo.. IFAC-PapersOnLine, 2017, 50, 9643-9648.	0.9	9
15	Entropy-like Lyapunov functions for the stability analysis of adaptive traffic signal controls. , 2015, , .		9
16	On resilience of multicommodity dynamical flow networks. , 2014, , .		5