

Leonhard LÃ¼tken

List of Publications by Year in descending order

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20
papers

1,679
citations

1163117

8
h-index

996975

15
g-index

25
all docs

25
docs citations

25
times ranked

1160
citing authors

#	ARTICLE	IF	CITATIONS
1	Reinforcement Learning-Based Traffic Control: Mitigating the Adverse Impacts of Control Transitions. IEEE Open Journal of Intelligent Transportation Systems, 2022, 3, 187-198.	4.8	3
2	On the interpretation of Dirac δ pulses in differential equations for phase oscillators. Chaos, 2021, 31, 031102.	2.5	9
3	A survey on the modeling of hybrid behaviors: How to account for impulsive jumps properly. Communications in Nonlinear Science and Numerical Simulation, 2021, 103, 105955.	3.3	28
4	On the relation between bicycle volumes and individual risks for bicyclists in Berlin. Journal of Transportation Safety and Security, 2020, 12, 210-223.	1.6	3
5	Joint Deployment of Infrastructure-Assisted Traffic Management and Cooperative Driving around Work Zones. , 2020, , .		5
6	Infrastructure Support for Cooperative Maneuvers in Connected and Automated Driving. , 2019, , .		40
7	On the variation of the crash risk with the total number of bicyclists. European Transport Research Review, 2018, 10, .	4.8	3
8	Microscopic Traffic Simulation using SUMO. , 2018, , .		1,404
9	Desynchronization by phase slip patterns in networks of pulse-coupled oscillators with delays. European Physical Journal: Special Topics, 2018, 227, 1117-1128.	2.6	8
10	Pattern reverberation in networks of excitable systems with connection delays. Chaos, 2017, 27, 013114.	2.5	9
11	Noise-enhanced coupling between two oscillators with long-term plasticity. Physical Review E, 2016, 93, 032210.	2.1	44
12	Experimental study of jittering chimeras in a ring of excitable units. AIP Conference Proceedings, 2016, , .	0.4	2
13	Emergence and combinatorial accumulation of jittering regimes in spiking oscillators with delayed feedback. Physical Review E, 2015, 92, 042914.	2.1	14
14	Multistable Jittering in Oscillators with Pulsatile Delayed Feedback. Physical Review Letters, 2015, 114, 178103.	7.8	28
15	Spectrum and amplitude equations for scalar delay-differential equations with large delay. Discrete and Continuous Dynamical Systems, 2015, 35, 537-553.	0.9	14
16	Delay reduction in networks of coupled dynamical systems. IEICE Proceeding Series, 2014, 1, 763-766.	0.0	0
17	Desynchronization boost by non-uniform coordinated reset stimulation in ensembles of pulse-coupled neurons. Frontiers in Computational Neuroscience, 2013, 7, 63.	2.1	29
18	Two-cluster bifurcations in systems of globally pulse-coupled oscillators. Physica D: Nonlinear Phenomena, 2012, 241, 350-359.	2.8	29

#	ARTICLE	IF	CITATIONS
19	From Automated to Manual - Modeling Control Transitions with SUMO. , 0, , .		4
20	Modelling Bicycle Infrastructure in SUMO. , 0, , .		1