

Steffi Knorn

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

319
citations

1306789

7
h-index

1281420

11
g-index

15
all docs

15
docs citations

15
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	Passivity-based control for multi-vehicle systems subject to string constraints. Automatica, 2014, 50, 3224-3230.	3.0	78
2	Stability of Two-Dimensional Linear Systems With Singularities on the Stability Boundary Using LMIs. IEEE Transactions on Automatic Control, 2013, 58, 2579-2590.	3.6	65
3	Quadratic Stability and Singular SISO Switching Systems. IEEE Transactions on Automatic Control, 2009, 54, 2714-2718.	3.6	32
4	Distortion Minimization in Multi-Sensor Estimation Using Energy Harvesting and Energy Sharing. IEEE Transactions on Signal Processing, 2015, 63, 2848-2863.	3.2	32
5	Asymptotic and exponential stability of nonlinear two-dimensional continuousâ€“discrete Roesser models. Systems and Control Letters, 2016, 93, 35-42.	1.3	29
6	Optimal Energy Allocation in Multisensor Estimation Over Wireless Channels Using Energy Harvesting and Sharing. IEEE Transactions on Automatic Control, 2019, 64, 4337-4344.	3.6	25
7	Scalable Input-to-State Stability for Performance Analysis of Large-Scale Networks. , 2018, 2, 507-512.		19
8	Scalability of bidirectional vehicle strings with static and dynamic measurement errors. Automatica, 2015, 62, 208-212.	3.0	17
9	On Optimal Quantized Non-Bayesian Quickest Change Detection With Energy Harvesting. IEEE Transactions on Green Communications and Networking, 2020, 4, 433-447.	3.5	7
10	Effects of Jamming Attacks on a Control System With Energy Harvesting. , 2019, 3, 829-834.		6
11	The Effect of Uniform Quantization on Parameter Estimation of Compound Distributions. , 2019, 3, 1032-1037.		3
12	Data-Driven Modelling of Subjective Pain/Pleasure Assessments As Responses to Vaginal Dilation Stimuli. , 2018, 2, 423-428.		2
13	Data-driven models of pelvic floor muscles dynamics subject to psychological and physiological stimuli. IFAC Journal of Systems and Control, 2019, 8, 100044.	1.1	2
14	Event-triggered transmission policies for harvesting powered sensors with time-varying models. IEEE Transactions on Green Communications and Networking, 2021, , 1-1.	3.5	1
15	Calibrating Range Measurements of Lidars Using Fixed Landmarks in Unknown Positions. Sensors, 2021, 21, 155.	2.1	1