Steffi Knorn

List of Publications by Year
in descending order

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	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
2	Calibrating Range Measurements of Lidars Using Fixed Landmarks in Unknown Positions. Sensors, 2021, 21, 155.	2.1	1
3	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
4	Effects of Jamming Attacks on a Control System With Energy Harvesting. , 2019, 3, 829-834.		6
5	The Effect of Uniform Quantization on Parameter Estimation of Compound Distributions. , 2019, 3, 1032-1037.		3
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	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
8	Data-Driven Modelling of Subjective Pain/Pleasure Assessments As Responses to Vaginal Dilation Stimuli. , 2018, 2, 423-428.		2
9	Scalable Input-to-State Stability for Performance Analysis of Large-Scale Networks. , 2018, 2, 507-512.		19
10	Asymptotic and exponential stability of nonlinear two-dimensional continuousâ€"discrete Roesser models. Systems and Control Letters, 2016, 93, 35-42.	1.3	29
11	Distortion Minimization in Multi-Sensor Estimation Using Energy Harvesting and Energy Sharing. IEEE Transactions on Signal Processing, 2015, 63, 2848-2863.	3.2	32
12	Scalability of bidirectional vehicle strings with static and dynamic measurement errors. Automatica, 2015, 62, 208-212.	3.0	17
13	Passivity-based control for multi-vehicle systems subject to string constraints. Automatica, 2014, 50, 3224-3230.	3.0	78
14	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
15	Quadratic Stability and Singular SISO Switching Systems. IEEE Transactions on Automatic Control, 2009, 54, 2714-2718.	3.6	32