

Simon Michalowsky

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

112
citations

2258059

3
h-index

2272923

4
g-index

14
all docs

14
docs citations

14
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust and structure exploiting optimisation algorithms: an integral quadratic constraint approach. International Journal of Control, 2021, 94, 2956-2979.	1.9	30
2	Swinging up the Stephenson-Kapitza pendulum. , 2013, , .		17
3	The multidimensional n-th order heavy ball method and its application to extremum seeking. , 2014, , .		14
4	Model-based extremum seeking for a class of nonlinear systems. , 2015, , .		8
5	Extremum control of linear systems based on output feedback. , 2016, , .		8
6	Distributed Optimization over Directed Graphs with the help of Lie Brackets. IFAC-PapersOnLine, 2017, 50, 15343-15348.	0.9	8
7	Distributed extremum seeking over directed graphs. , 2017, , .		6
8	A family of extremum seeking laws for a unicycle model with a moving target: theoretical and experimental studies. , 2018, , .		4
9	On the Lie Bracket Approximation Approach to Distributed optimization: Extensions and Limitations. , 2018, , .		4
10	A Lie bracket approximation approach to distributed optimization over directed graphs. Automatica, 2020, 112, 108691.	5.0	4
11	Characterizing the learning dynamics in extremum seeking: The role of gradient averaging and non-convexity. , 2018, , .		3
12	Global Output Regulation for the Rotational Dynamics of a Rigid Body / Globale Ausgangsregelung für die Drehbewegung eines Starrkörpersystems. Automatisierungstechnik, 2013, 61, 567-582.	0.8	2
13	Gradient approximation and extremum seeking via needle variations. , 2016, , .		2
14	Extremum seeking for optimal enzyme production under cellular fitness constraints. , 2019, , .		2