

Siyuan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

141
citations

1936888

4
h-index

1872312

6
g-index

16
all docs

16
docs citations

16
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	On Approximate Opacity of Cyber-Physical Systems. IEEE Transactions on Automatic Control, 2021, 66, 1630-1645.	3.6	38
2	Lateral entry guidance with no-fly zone constraint. Aerospace Science and Technology, 2017, 60, 39-47.	2.5	28
3	Secure-by-construction synthesis of cyber-physical systems. Annual Reviews in Control, 2022, 53, 30-50.	4.4	22
4	Verification of Approximate Opacity via Barrier Certificates. , 2021, 5, 1369-1374.		13
5	A Virtual Reality based Training and Assessment System for Hand Rehabilitation. , 2018, , .		8
6	On a Notion of Approximate Opacity for Discrete-Time Stochastic Control Systems*. , 2020, , .		8
7	Compositional synthesis of opacity-preserving finite abstractions for interconnected systems. Automatica, 2021, 131, 109745.	3.0	6
8	Modular Verification of Opacity for Interconnected Control Systems via Barrier Certificates. , 2022, 6, 890-895.		6
9	Predictor-corrector guidance for entry with terminal altitude constraint. , 2016, , .		4
10	Verification of approximate opacity for switched systems: A compositional approach. Nonlinear Analysis: Hybrid Systems, 2021, 42, 101084.	2.1	4
11	Compositional synthesis of almost maximally permissible safety controllers. , 2019, , .		3
12	Symbolic models for infinite networks of control systems: A compositional approach. Nonlinear Analysis: Hybrid Systems, 2021, 43, 101097.	2.1	1
13	Integration control design for a semi-strapdown seeker missile. , 2016, , .		0
14	Integrated guidance and control design based on motion tracking. , 2016, , .		0
15	Verification of Approximate Opacity via Barrier Certificates. , 2021, , .		0
16	Passive Hand Rehabilitation Training Through Robots: an Iterative Learning Control Approach. , 2021, , .		0