

# Abdalla Swikir

## List of Publications by Year in descending order

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15  
papers

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#	ARTICLE	IF	CITATIONS
1	Compositional construction of abstractions for infinite networks of discrete-time switched systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2022, 44, 101173.	2.1	0
2	Symbolic Models for a Class of Impulsive Systems. , 2021, 5, 247-252.		6
3	Verification of approximate opacity for switched systems: A compositional approach. <i>Nonlinear Analysis: Hybrid Systems</i> , 2021, 42, 101084.	2.1	4
4	A Lyapunov-Based Small-Gain Theorem for Infinite Networks. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 5830-5844.	3.6	27
5	Compositional Synthesis of Symbolic Models for Infinite Networks. <i>IFAC-PapersOnLine</i> , 2020, 53, 1868-1873.	0.5	2
6	Compositional construction of control barrier functions for interconnected control systems. , 2020, , .		13
7	Compositional Construction of Abstractions for Infinite Networks of Switched Systems. , 2020, , .		1
8	A spectral small-gain condition for input-to-state stability of infinite networks. <i>IFAC-PapersOnLine</i> , 2020, 53, 5303-5308.	0.5	0
9	Compositional synthesis of finite abstractions for networks of systems: A small-gain approach. <i>Automatica</i> , 2019, 107, 551-561.	3.0	25
10	Compositional Abstractions of Interconnected Discrete-Time Switched Systems. , 2019, , .		2
11	Compositional Synthesis of Symbolic Models for Networks of Switched Systems. , 2019, 3, 1056-1061.		12
12	From dissipativity theory to compositional synthesis of symbolic models. , 2018, , .		13
13	Compositional construction of abstractions via relaxed small-gain conditions Part II: discrete case. , 2018, , .		5
14	Compositional Synthesis of Finite Abstractions for Networks of Systems. , 2018, , .		1
15	Chattering analysis of conventional and super twisting sliding mode control algorithm. , 2016, , .		40