Paweł Latosiński

List of Publications by Year
in descending order

27 papers	235 citations	1307366 7 h-index	1199470 12 g-index
27 all docs	27 docs citations	27 times ranked	136 citing authors

#	Article	IF	Citations
1	Discrete time sliding mode control with reduced switching – a new reaching law approach. International Journal of Robust and Nonlinear Control, 2016, 26, 47-68.	2.1	77
2	Generalization of Gao's Reaching Law for Higher Relative Degree Sliding Variables. IEEE Transactions on Automatic Control, 2018, 63, 3173-3179.	3.6	43
3	Reaching law for DSMC systems with relative degree 2 switching variable. International Journal of Control, 2017, 90, 1626-1638.	1.2	41
4	Sliding mode control based on the reaching law approach – A brief survey. , 2017, , .		15
5	Reaching Law Based Discrete Time Sliding Mode Inventory Management Strategy. IEEE Access, 2016, 4, 10051-10058.	2.6	14
6	Sliding mode control of inventory management systems with bounded batch size. Applied Mathematical Modelling, 2019, 66, 296-304.	2.2	11
7	Model Reference DSMC With a Relative Degree Two Switching Variable. IEEE Transactions on Automatic Control, 2021, 66, 1749-1755.	3.6	9
8	Discrete time sliding mode controllers with relative degree one and two switching variables. Journal of the Franklin Institute, 2018, 355, 6889-6903.	1.9	7
9	Inventory management strategies with higher relative degree sliding variables. , 2017, , .		5
10	Zero-Width Quasi-Sliding Mode Band in the Presence of Non-Matched Uncertainties. Energies, 2021, 14, 3011.	1.6	3
11	A new reaching law based DSMC for inventory management systems. , 2017, , .		2
12	Model reference strategy for mismatched disturbance attenuation in relative degree one and two DSMC. Mechanical Systems and Signal Processing, 2021, 149, 107188.	4.4	2
13	Quasi-Sliding Networked Control of Systems Subject to Unbounded Disturbance with Limited Rate of Change. Mathematical Problems in Engineering, 2015, 2015, 1-10.	0.6	1
14	Reaching law based discrete time switching quasi-sliding mode controller. , 2017, , .		1
15	Sliding Mode Control with Time-Varying Switching Hyperplane for Data Transmission Networks. , 2018, , .		1
16	Relative degree one and two sliding variables for multi-input discrete-time systems. , 2019, , .		1
17	Reaching law based DSMC with a reference model. IFAC-PapersOnLine, 2019, 52, 777-782.	0.5	1
18	Advantages of Using a Reference Model of the Plant in Discrete-Time Sliding Mode Control. Advances in Intelligent Systems and Computing, 2021, , 68-74.	0.5	1

#	Article	IF	Citations
19	Quasi-sliding mode networked controller for linear discrete time systems subject to disturbance. , 2014, , .		0
20	A new reaching law for DSMC systems with constraints. , 2016, , .		0
21	Reaching law based DSMC with higher relative degree sliding variables. , 2018, , .		0
22	DSMC strategies with arbitrary relative degree sliding variables - a brief comparison. , 2020, , .		0
23	Non-switching Reaching Law Based DSMC Strategies in the Context of Robustness Comparison. Lecture Notes in Networks and Systems, 2021, , 81-92.	0.5	0
24	Sliding Mode Congestion Controller for Data Transmission Networks with Unknown and Variable Packet Loss Rates. Studies in Informatics and Control, 2016, 25, .	0.6	0
25	State Boundedness in Discrete-Time Sliding Mode Control. Studies in Systems, Decision and Control, 2021, , 97-117.	0.8	0
26	Sliding Mode Control Strategies with a Time-Varying Switching Hypersurface - a Brief Survey. , 2020, 24, 41-47.	0.1	0
27	Reaching Law Based DSMC Strategies: Robustness Comparison. , 2020, , .		0