

# Giorgio Bartolini

## List of Publications by Year in descending order

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29  
papers

1,409  
citations

933447

10  
h-index

996975

15  
g-index

30  
all docs

30  
docs citations

30  
times ranked

829  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simplex sliding mode control for autonomous six-DOF vehicles with mono-directional actuators: Robustness, stability, and implementation issues. International Journal of Robust and Nonlinear Control, 2019, 29, 529-549.	3.7	4
2	Simplex Sliding Mode Control Strategies for Spacecraft Rendezvous Maneuvers. IFAC-PapersOnLine, 2017, 50, 8496-8501.	0.9	2
3	Multi-input sliding mode control of nonlinear uncertain affine systems. International Journal of Control, 2011, 84, 867-875.	1.9	9
4	Black-box position and attitude tracking for underwater vehicles by second-order sliding-mode technique. International Journal of Robust and Nonlinear Control, 2010, 20, 1594-1609.	3.7	30
5	Reduced order observers for the sliding mode control of mechanical systems with elastic joints. International Journal of Control, 2010, 83, 1364-1373.	1.9	0
6	Multi-input sliding mode control of nonlinear systems with uncertain affine dependence on the control. , 2010, , .		0
7	Reduced-Order Observer in the Sliding-Mode Control of Nonlinear Nonaffine Systems. IEEE Transactions on Automatic Control, 2010, 55, 2368-2373.	5.7	30
8	Reduced-order observer for mechanical systems with elastic joints. , 2009, , .		0
9	Reduced-order observer and chattering reduction for sliding mode control of nonlinear systems. , 2009, , .		0
10	On an output-feedback stabilization problem with uncertainty in the relative degree. International Journal of Robust and Nonlinear Control, 2008, 18, 741-755.	3.7	3
11	Sliding mode control of nonlinear uncertain systems with relative degree two and uncertain control direction. , 2008, , .		1
12	Compressor surge active control via throttle and CCV actuators. A second-order sliding-mode approach. , 2008, , .		12
13	Compressor Surge Suppression by Second-Order Sliding Mode Control Technique. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 6238-6244.	0.4	2
14	Regularization of Second Order Sliding Mode Control Systems. , 2008, , 3-21.		9
15	Regular simplex method and chattering elimination for nonlinear sliding mode control of uncertain systems. , 2007, , .		6
16	On the Finite-Time Stabilization of Uncertain Nonlinear Systems With Relative Degree Three. IEEE Transactions on Automatic Control, 2007, 52, 2134-2141.	5.7	18
17	On an output-feedback stabilization problem with uncertainty in the relative degree. , 2007, , .		0
18	Approximability Properties for Second-Order Sliding Mode Control Systems. IEEE Transactions on Automatic Control, 2007, 52, 1813-1825.	5.7	31

#	ARTICLE	IF	CITATIONS
19	ON THE FINITE-TIME STABILIZATION OF A NONLINEAR UNCERTAIN DYNAMICS VIA SWITCHED CONTROL. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 276-282.	0.4	0
20	Simplex Sliding Mode Control and Chattering Elimination for Systems with Mono-Directional Actuators. , 2006, , .		0
21	On the Finite-Time Stabilization of a Nonlinear Uncertain Dynamics VIA Switched Control. , 2006, , 276-282.		0
22	A survey of applications of second-order sliding mode control to mechanical systems. International Journal of Control, 2003, 76, 875-892.	1.9	624
23	Global output-feedback tracking and load disturbance rejection for electrically-driven robotic manipulators with uncertain dynamics. International Journal of Control, 2003, 76, 1201-1213.	1.9	14
24	OUTPUT-à€œFEEDBACK CONTROL OF CONTAINER CRANES: A COMPARATIVE ANALYSIS. Asian Journal of Control, 2003, 5, 578-593.	3.0	22
25	Higher-Order Sliding Modes for the Output-Feedback Control of Nonlinear Uncertain Systems. , 2002, , 83-108.		36
26	Second-order sliding-mode control of container cranes. Automatica, 2002, 38, 1783-1790.	5.0	215
27	Digital second-order sliding mode control for uncertain nonlinear systems. Automatica, 2001, 37, 1371-1377.	5.0	56
28	Variable structure control of nonlinear sampled data systems by second order sliding modes. , 1999, , 43-67.		11
29	On second order sliding mode controllers. , 1999, , 329-350.		259