

Riccardo Marino

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90 papers	3,526 citations	32 h-index	58 g-index
97 ext. papers	4,311 ext. citations	4 avg, IF	5.42 L-index

#	Paper	IF	Citations
90	On exponentially convergent parameter estimation with lack of persistency of excitation. <i>Systems and Control Letters</i> , 2022 , 159, 105080	2.4	0
89	Hybrid Adaptive Output Feedback Tracking for Stable Systems with Unknown Input Constraints. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	1
88	Nonlinear Robust Coordinated PSS-AVR Control for a Synchronous Generator connected to an Infinite Bus. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	6
87	Adaptive tracking control for underactuated mechanical systems with relative degree two. <i>Automatica</i> , 2021 , 129, 109633	5.7	2
86	Adaptive output regulation for minimum-phase systems with unknown relative degree. <i>Automatica</i> , 2021 , 130, 109670	5.7	1
85	Distributed Nested PI Slip Control for Longitudinal and Lateral Motion in Four In-Wheel Motor Drive Electric Vehicles 2019 ,		2
84	Adaptive Control of Walking Robots Based on Virtual Holonomic Constraints: a Simulative Study. <i>IFAC-PapersOnLine</i> , 2019 , 52, 61-66	0.7	1
83	Hybrid Adaptive Multi-Sinusoidal Disturbance Cancellation. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4023-4030	5.9	8
82	Adaptive disturbance rejection for unknown stable linear systems. <i>Transactions of the Institute of Measurement and Control</i> , 2016 , 38, 640-647	1.8	13
81	Adaptive notch filters are local adaptive observers. <i>International Journal of Adaptive Control and Signal Processing</i> , 2016 , 30, 128-146	2.8	12
80	Output Regulation for Unknown Stable Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2213-2218	5.9	32
79	Online Frequency Estimation of Periodic Signals. <i>Lecture Notes in Control and Information Sciences</i> , 2015 , 257-276	0.5	1
78	Adaptive cancellation of sinusoidal disturbances for unknown stable plants 2015 ,		3
77	Design and Validation of a Model-Based Starting Speed Control Scheme for Spark Ignition Engines. <i>Asian Journal of Control</i> , 2015 , 17, 1255-1266	1.7	5
76	Robust Adaptive Compensation of Periodic Disturbances With Unknown Frequency. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 2760-2765	5.9	13
75	On-Line Identification of Winding Resistances and Load Torque in Induction Machines. <i>IEEE Transactions on Control Systems Technology</i> , 2014 , 22, 1629-1637	4.8	45
74	2014 ,		12

73	Global Adaptive Regulation of Uncertain Nonlinear Systems in Output Feedback Form. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 2904-2909	5.9	12
72	Robust adaptive observers for unknown linear exosystems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2013 , 27, 35-45	2.8	
71	Disturbance cancellation for linear systems by adaptive internal models. <i>Automatica</i> , 2013 , 49, 1494-1509	3.7	38
70	Fault-tolerant cruise control of electric vehicles with induction motors. <i>Control Engineering Practice</i> , 2013 , 21, 860-869	3.9	34
69	Robust adaptive compensation of periodic disturbances with unknown frequency 2013 ,		2
68	Speed and traction control in electric vehicles with induction motors 2012 ,		2
67	Learning control for nonlinear systems in output feedback form. <i>Systems and Control Letters</i> , 2012 , 61, 1242-1247	2.4	26
66	Integrated Driver and Active Steering Control for Vision-Based Lane Keeping. <i>European Journal of Control</i> , 2012 , 18, 473-484	2.5	15
65	Robust adaptive learning control for nonlinear systems with extended matching unstructured uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2012 , 22, 645-675	3.6	19
64	A New Flux Observer for Induction Motors with On-Line Identification of Load Torque and Resistances. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 6172-6177		9
63	Robust Adaptive Regulation by Output Error Feedback for Uncertain Nonlinear Systems*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 6783-6788		
62	Robust regulation of discrete time linear systems with unknown neutrally stable exosystems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 1540-1545		
61	Nested PID steering control for lane keeping in autonomous vehicles. <i>Control Engineering Practice</i> , 2011 , 19, 1459-1467	3.9	184
60	An adaptive learning regulator for uncertain minimum phase systems with undermodeled unknown exosystems. <i>Automatica</i> , 2011 , 47, 739-747	5.7	33
59	Global exponential regulation of discrete time linear systems with unknown neutrally stable exosystems. <i>Systems and Control Letters</i> , 2011 , 60, 561-569	2.4	6
58	Nonlinear Speed Control Scheme and Its Stability Analysis for SI Engines. <i>SICE Journal of Control Measurement and System Integration</i> , 2010 , 3, 43-49	0.3	2
57	Induction Motor Control Design. <i>Advances in Industrial Control</i> , 2010 ,	0.3	98
56	Asymptotic sideslip angle and yaw rate decoupling control in four-wheel steering vehicles. <i>Vehicle System Dynamics</i> , 2010 , 48, 999-1019	2.8	32

55	Model-based cold-start speed control scheme for spark ignition engines. <i>Control Engineering Practice</i> , 2010 , 18, 1285-1294	3.9	31
54	Integrated Control of Active Steering and Electronic Differentials in Four Wheel Drive Vehicles. <i>SAE International Journal of Passenger Cars - Electronic and Electrical Systems</i> , 2009 , 2, 141-149		4
53	A global state feedback output regulating control for uncertain systems in strict feedback form. <i>Systems and Control Letters</i> , 2009 , 58, 682-690	2.4	10
52	A nested PID steering control for lane keeping in vision based autonomous vehicles 2009 ,		21
51	. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 1991-1996	5.9	42
50	Output Feedback Stabilization of Linear Systems with Unknown Additive Output Sinusoidal Disturbances. <i>European Journal of Control</i> , 2008 , 14, 131-148	2.5	16
49	2008 ,		5
48	Position learning control for current-fed permanent magnet step motors with uncertainties 2008 ,		4
47	Regulation of Linear Systems with Unknown Additive Sinusoidal Sensor Disturbances. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 4102-4107		4
46	Adaptive Regulator for Uncertain Linear Minimum Phase Systems with Unknown Undermodeled Exosystems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 11293-11298 ⁹		
45	Two Global Regulators for Systems with Measurable Nonlinearities and Unknown Sinusoidal Disturbances 2008 , 285-302		2
44	. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 352-359	5.9	28
43	Adaptive Learning Control of Nonlinear Systems by Output Error Feedback. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 1232-1248	5.9	38
42	Adaptive learning control of linear systems by output error feedback. <i>Automatica</i> , 2007 , 43, 669-676	5.7	19
41	Output Regulation for Linear Minimum Phase Systems With Unknown Order Exosystem. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 2000-2005	5.9	28
40	Nonlinear PI front and rear steering control in four wheel steering vehicles. <i>Vehicle System Dynamics</i> , 2007 , 45, 1149-1168	2.8	27
39	. <i>Intelligent Vehicles Symposium, 2009 IEEE</i> , 2007 ,		1
38	2006 ,		2

37	Input-Output Decoupling Control by Measurement Feedback in Four-Wheel-Active-Steering Vehicles 2006 ,		1
36	Adaptive Regulation of Uncertain Linear Minimum Phase Systems with Unknown Exosystems 2006 ,		4
35	Robust Adaptive Transient Stabilization of a Synchronous Generator with Parameter Uncertainty. <i>European Journal of Control</i> , 2006 , 12, 135-148	2.5	9
34	A class of globally output feedback stabilizable nonlinear nonminimum phase systems. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 2097-2101	5.9	27
33	A nonlinear tracking control for sensorless induction motors. <i>Automatica</i> , 2005 , 41, 1071-1077	5.7	30
32	Adaptive control for speed-sensorless induction motors with uncertain load torque and rotor resistance. <i>International Journal of Adaptive Control and Signal Processing</i> , 2005 , 19, 661-685	2.8	31
31	Adaptive tracking and disturbance rejection for uncertain nonlinear systems. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 90-95	5.9	48
30	Adaptive nonlinear output feedback for transient stabilization and voltage regulation of power generators with unknown parameters. <i>International Journal of Robust and Nonlinear Control</i> , 2004 , 14, 833-855	3.6	34
29	A global tracking control for speed-sensorless induction motors. <i>Automatica</i> , 2004 , 40, 1071-1077	5.7	49
28	Adaptive control of linear time-varying systems. <i>Automatica</i> , 2003 , 39, 651-659	5.7	53
27	Robust adaptive compensation of biased sinusoidal disturbances with unknown frequency. <i>Automatica</i> , 2003 , 39, 1755-1761	5.7	168
26	Adaptive Learning Control for Feedback Linearizable Systems*. <i>European Journal of Control</i> , 2003 , 9, 483-496	2.5	23
25	. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 2199-2202	5.9	96
24	Global estimation of n unknown frequencies. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 1324-1328	5.9	121
23	Adaptive output feedback regulation with almost disturbance decoupling for nonlinearly parameterized systems. <i>International Journal of Robust and Nonlinear Control</i> , 2000 , 10, 655-669	3.6	13
22	. <i>IEEE Transactions on Control Systems Technology</i> , 2000 , 8, 570-579	4.8	100
21	Robust adaptive regulation of linear time-varying systems. <i>IEEE Transactions on Automatic Control</i> , 2000 , 45, 1301-1311	5.9	35
20	Nonlinear output feedback tracking with almost disturbance decoupling. <i>IEEE Transactions on Automatic Control</i> , 1999 , 44, 18-28	5.9	82

19	. <i>IEEE Transactions on Automatic Control</i> , 1999 , 44, 967-983	5.9	122
18	Robust adaptive state-feedback tracking for nonlinear systems. <i>IEEE Transactions on Automatic Control</i> , 1998 , 43, 84-89	5.9	91
17	Adaptive control of nonlinear systems: Basic results and applications. <i>Annual Reviews in Control</i> , 1997 , 21, 55-66	10.3	14
16	. <i>IEEE Transactions on Control Systems Technology</i> , 1996 , 4, 336-347	4.8	56
15	. <i>IEEE Transactions on Industrial Electronics</i> , 1995 , 42, 508-515	8.9	46
14	. <i>IEEE Transactions on Automatic Control</i> , 1995 , 40, 1300-1304	5.9	180
13	Adaptive Control of Nonlinear Systems: Basic Results and Applications *. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1995 , 28, 869-880		1
12	Nonlinear adaptive control of permanent magnet step motors. <i>Automatica</i> , 1995 , 31, 1595-1604	5.7	64
11	. <i>IEEE Transactions on Automatic Control</i> , 1993 , 38, 17-32	5.9	344
10	Robust stabilization of feedback linearizable time-varying uncertain nonlinear systems. <i>Automatica</i> , 1993 , 29, 181-189	5.7	176
9	. <i>IEEE Transactions on Automatic Control</i> , 1992 , 37, 1239-1245	5.9	184
8	Observer-based adaptive stabilization for a class of non-linear systems. <i>Automatica</i> , 1992 , 28, 787-793	5.7	21
7	Dynamic output feedback linearization and global stabilization. <i>Systems and Control Letters</i> , 1991 , 17, 115-121	2.4	105
6	Global adaptive observers and output-feedback stabilization for a class of nonlinear systems 1991 , 455-493		22
5	Adaptive nonlinear control of induction motors via extended matching 1991 , 435-454		7
4	Feedback stabilization of planar nonlinear systems. <i>Systems and Control Letters</i> , 1989 , 12, 87-92	2.4	44
3	Feedback stabilization of single-input nonlinear systems. <i>Systems and Control Letters</i> , 1988 , 10, 201-206	2.4	44
2	On the largest feedback linearizable subsystem. <i>Systems and Control Letters</i> , 1986 , 6, 345-351	2.4	119

- 1 Transient Stabilization and Voltage Regulation of a Synchronous Generator 211-225