

# Henk Nijmeijer

## List of Publications by Year in descending order

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328  
papers

13,732  
citations

47006

47  
h-index

39675

94  
g-index

336  
all docs

336  
docs citations

336  
times ranked

6876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control-Oriented Models for Hyperelastic Soft Robots Through Differential Geometry of Curves. <i>Soft Robotics</i> , 2023, 10, 129-148.	8.0	11
2	Reset PID Design for Motion Systems With Stribeck Friction. <i>IEEE Transactions on Control Systems Technology</i> , 2022, 30, 294-310.	5.2	8
3	Rule-based control of a semi-active suspension system for road holding using limited sensor information: design and experiments. <i>Vehicle System Dynamics</i> , 2022, 60, 4226-4244.	3.7	5
4	A control strategy for merging a single vehicle into a platoon at highway on-ramps. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 136, 103511.	7.6	22
5	Robust CACC in the Presence of Uncertain Delays. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 3507-3518.	6.3	13
6	Practical Challenges in Hybrid Communication Ecosystems Based on ITS-G5 and LTE for CACC and GLOSA. <i>Frontiers in Future Transportation</i> , 2022, 3, .	1.8	2
7	Stability and performance analysis of hybrid integrator-gain systems: A linear matrix inequality approach. <i>Nonlinear Analysis: Hybrid Systems</i> , 2022, 45, 101192.	3.5	2
8	Fast fluid heating by adaptive flow reorientation. <i>International Journal of Thermal Sciences</i> , 2022, 180, 107720.	4.9	1
9	Optimal thermal actuation for mirror temperature control. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2022, 398, 115212.	6.6	1
10	Driver Intervention Detection via Real-Time Transfer Function Estimation. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 772-781.	8.0	5
11	Optimal Thermal Actuation for Mitigation of Heat-Induced Wafer Deformation. <i>IEEE Transactions on Control Systems Technology</i> , 2021, 29, 514-529.	5.2	3
12	Detecting coexisting oscillatory patterns in delay coupled Luré systems. <i>Chaos</i> , 2021, 31, 033114.	2.5	0
13	State Estimation for Cooperative Lateral Vehicle Following Using Vehicle-to-Vehicle Communication. <i>Electronics (Switzerland)</i> , 2021, 10, 651.	3.1	10
14	The method of images in thermoelasticity with an application to wafer heating. <i>Journal of Thermal Stresses</i> , 2021, 44, 970-1010.	2.0	1
15	Cooperative Driving of Automated Vehicles Using B-Splines for Trajectory Planning. <i>IEEE Transactions on Intelligent Vehicles</i> , 2021, 6, 594-604.	12.7	41
16	Projection-based integrators for improved motion control: Formalization, well-posedness and stability of hybrid integrator-gain systems. <i>Automatica</i> , 2021, 133, 109830.	5.0	13
17	Energy-based Control for Soft Manipulators using Cosserat-beam Models. , 2021, , .		2
18	Energy-based Control for Soft Manipulators using Cosserat-beam Models. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Lyapunov-based temperature regulation by flow reorientation. , 2021, , .		0
20	Practical Challenges in CACC Communication: ITS G5, LTE Uu, and LTE Sidelink PC5. , 2021, , .		2
21	Frequency-domain Conditions for Global Synchronization of Nonlinear Systems Driven by a Nonperiodic External Signalâ€™Tribute to Gennady Leonov. Lobachevskii Journal of Mathematics, 2021, 42, 3344-3351.	0.9	1
22	Combined Longitudinal and Lateral Control of Car-Like Vehicle Platooning With Extended Look-Ahead. IEEE Transactions on Control Systems Technology, 2020, 28, 790-803.	5.2	40
23	Reference Spreading: Tracking Performance for Impact Trajectories of a 1DoF Setup. IEEE Transactions on Control Systems Technology, 2020, 28, 1124-1131.	5.2	7
24	Sensor and Actuator Placement for Proportional Feedback Control in Advection-Diffusion Equations. , 2020, 4, 193-198.		5
25	The Effect of Controller Design on Delayed Bilateral Teleoperation Performance: An Experimental Comparison. IEEE Transactions on Control Systems Technology, 2020, 28, 1727-1740.	5.2	2
26	Switching from autopilot to the driver: A transient performance analysis. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2020, 234, 1346-1360.	1.9	6
27	Compensation of Communication Delays in a Cooperative ACC System. IEEE Transactions on Vehicular Technology, 2020, 69, 1177-1189.	6.3	64
28	Hybrid Systems With State-Triggered Jumps: Sensitivity-Based Stability Analysis With Application to Trajectory Tracking. IEEE Transactions on Automatic Control, 2020, 65, 4568-4583.	5.7	9
29	Experimental Demonstration of a Nonlinear PID-Based Control Design Using Multiple Hybrid Integrator-Gain Elements. , 2020, , .		2
30	To stick or to slip: A reset PID control perspective on positioning systems with friction. Annual Reviews in Control, 2020, 49, 37-63.	7.9	17
31	A Computational Design Framework for Pressure-driven Soft Robots through Nonlinear Topology Optimization. , 2020, , .		21
32	Hybrid Integrator-Gain Systems: A Remedy for Overshoot Limitations in Linear Control?. , 2020, 4, 1042-1047.		24
33	Extended Look-Ahead Tracking Controller With Orientation-Error Observer for Vehicle Platooning. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4808-4821.	8.0	18
34	Robust partial synchronization of delay-coupled networks. Chaos, 2020, 30, 013126.	2.5	6
35	Cooperative Adaptive Cruise Control of Heterogeneous Vehicle Platoons. IFAC-PapersOnLine, 2020, 53, 15217-15222.	0.9	16
36	Pattern Analysis in Networks of Delayed Coupled Nonlinear Systems. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	Gap Opening Controller Design to Accommodate Merges in Cooperative Autonomous Platoons. IFAC-PapersOnLine, 2020, 53, 15294-15299.	0.9	5
38	Dynamic modeling of hyper-elastic soft robots using spatial curves. IFAC-PapersOnLine, 2020, 53, 9238-9243.	0.9	8
39	Network Synchronization of Linear Non-Minimum Phase Oscillators: A Motivating Example. , 2020, , .		0
40	Mitigation of Torsional Vibrations in Drilling Systems: A Robust Control Approach. IEEE Transactions on Control Systems Technology, 2019, 27, 249-265.	5.2	36
41	Reset integral control for improved settling of PID-based motion systems with friction. Automatica, 2019, 107, 483-492.	5.0	29
42	A Stochastic Model Predictive Control Approach for Driver-Aided Intersection Crossing With Uncertain Driver Time Delay. , 2019, , .		2
43	Automated Lane Changing With a Controlled Steering-Wheel Feedback Torque for Low Lateral Acceleration Purposes. IEEE Transactions on Intelligent Vehicles, 2019, 4, 578-587.	12.7	3
44	Enforcing synchronization in oscillators with Huygensâ€™ coupling via feed-forward control. Nonlinear Dynamics, 2019, 98, 3009-3023.	5.2	3
45	Data-Rate Constrained Observers of Nonlinear Systems. Entropy, 2019, 21, 282.	2.2	7
46	Robust Stability and Nonlinear Loop-Shaping Design for Hybrid Integrator-Gain-Based Control Systems. , 2019, , .		8
47	Optimal actuator shape design with input and state constraints for a wafer heating application. , 2019, , .		0
48	Sensitivity analysis for trajectories of nonsmooth mechanical systems with simultaneous impacts: a hybrid systems perspective. , 2019, , .		5
49	Linear Parameter-Varying Control of Nonlinear Systems based on Incremental Stability. IFAC-PapersOnLine, 2019, 52, 38-43.	0.9	7
50	Modeling of Energy Losses During Cornering for Electric City Buses. , 2019, , .		3
51	Hybrid model formulation and stability analysis of a PID-controlled motion system with Coulomb friction. IFAC-PapersOnLine, 2019, 52, 84-89.	0.9	1
52	Almost global decentralised formation tracking for multiple distinct UAVs. IFAC-PapersOnLine, 2019, 52, 186-191.	0.9	1
53	Dynamic coupling enhances network synchronization. IFAC-PapersOnLine, 2019, 52, 610-615.	0.9	7
54	Pattern Analysis in Networks of Diffusively Coupled Lurâ€™e Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950200.	1.7	2

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55	Smith Predictor Compensating for Vehicle Actuator Delays in Cooperative ACC Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 1106-1115.	6.3	50
56	Implementation and validation of a three degrees of freedom steering-system model in a full vehicle model. Vehicle System Dynamics, 2019, 57, 86-107.	3.7	6
57	Semi-analytic approximation of the temperature field resulting from moving heat loads. International Journal of Heat and Mass Transfer, 2018, 122, 128-137.	4.8	20
58	Direct Force-Reflecting Two-Layer Approach for Passive Bilateral Teleoperation With Time Delays. IEEE Transactions on Robotics, 2018, 34, 194-206.	10.3	37
59	Motion Signals With Velocity Jumps: Velocity Estimation Employing Only Quantized Position Data. IEEE Robotics and Automation Letters, 2018, 3, 1498-1505.	5.1	5
60	Consensus Control for Vehicular Platooning With Velocity Constraints. IEEE Transactions on Control Systems Technology, 2018, 26, 1592-1605.	5.2	75
61	Battery electric vehicle energy consumption prediction for a trip based on route information. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2018, 232, 1528-1542.	1.9	52
62	Synchronization of "light-sensitive" Hindmarsh-Rose neurons. Communications in Nonlinear Science and Numerical Simulation, 2018, 57, 322-330.	3.3	7
63	Controller Design for Cooperative Driving with Guaranteed Safe Behavior. , 2018, , .		11
64	A Data Rate Constrained Observer for Discrete Nonlinear Systems. , 2018, , .		1
65	Distributed Scenario Model Predictive Control for Driver Aided Intersection Crossing. , 2018, , .		7
66	Cross-Domain Modeling and Optimization of High-Speed Visual Servo Systems. , 2018, , .		1
67	Pattern Prediction in Networks of Diffusively Coupled Nonlinear Systems. IFAC-PapersOnLine, 2018, 51, 62-67.	0.9	2
68	A Lyapunov approach to stability analysis of partial synchronization in delay-coupled networks. IFAC-PapersOnLine, 2018, 51, 198-204.	0.9	1
69	Iterative pole-zero finite element model updating using generic parameters. Mechatronics, 2018, 55, 180-193.	3.3	3
70	Enhancing master-slave synchronization: The effect of using a dynamic coupling. Physical Review E, 2018, 98, 012208.	2.1	23
71	Experimental Validation of Torsional Controllers for Drilling Systems. , 2018, , 291-334.		0
72	Cooperative Intersection Control Based on Virtual Platooning. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1727-1740.	8.0	90

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73	Hybrid PID control for transient performance improvement of motion systems with friction. , 2018, , .		2
74	Nonlinear outputâ€feedback control of torsional vibrations in drilling systems. International Journal of Robust and Nonlinear Control, 2017, 27, 3659-3684.	3.7	27
75	On Centroidal Dynamics and Integrability of Average Angular Velocity. IEEE Robotics and Automation Letters, 2017, 2, 943-950.	5.1	17
76	Synchronization Control for a Swarm of Unicycle Robots: Analysis of Different Controller Topologies. Asian Journal of Control, 2017, 19, 1822-1833.	3.0	18
77	Adaptive Training of Neural Networks for Control of Autonomous Mobile Robots. Lecture Notes in Control and Information Sciences, 2017, , 387-405.	1.0	2
78	Experimental Validation of Robust Chatter Control for High-Speed Milling Processes. Advances in Delays and Dynamics, 2017, , 315-331.	0.4	4
79	Large amplitude dynamic behavior of thrust air bearings: Modeling and experiments. Tribology International, 2017, 109, 460-466.	5.9	6
80	A Spatial Approach to Control of Platooning Vehicles: Separating Path-Following from Tracking. IFAC-PapersOnLine, 2017, 50, 15000-15005.	0.9	5
81	Hybrid integrator design for enhanced tracking in motion control. , 2017, , .		24
82	Experimentally Validated Model Predictive Controller for a Hexacopter * *The authors gratefully acknowledge the partial sponsorship by DSTG, Australia.. IFAC-PapersOnLine, 2017, 50, 4076-4081.	0.9	15
83	Multi-objective platoon maneuvering using artificial potential fields. IFAC-PapersOnLine, 2017, 50, 15006-15011.	0.9	18
84	Vehicle State Estimation Using a State Dependent Riccati Equation. IFAC-PapersOnLine, 2017, 50, 3388-3393.	0.9	6
85	Set-point Control of Motion Systems with Uncertain Set-valued Stribeck Friction * *This research is supported by the Dutch Technology Foundation (STW, project 13896). IFAC-PapersOnLine, 2017, 50, 2965-2970.	0.9	4
86	Active Trailer Steering Control for High-Capacity Vehicle Combinations. IEEE Transactions on Intelligent Vehicles, 2017, 2, 251-265.	12.7	26
87	Almost global tracking control of a quadrotor UAV on SE(3). , 2017, , .		10
88	Consensus Control for a Multiagent System with Time Delays. Mathematical Problems in Engineering, 2017, 2017, 1-11.	1.1	6
89	Control of humanoid robot motions with impacts: Numerical experiments with reference spreading control. , 2017, , .		17
90	PadÃ© Approximation of Delays in Cooperative ACC Based on String Stability Requirements. IEEE Transactions on Intelligent Vehicles, 2016, 1, 277-286.	12.7	47

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91	Huygens' inspired multi-pendulum setups: Experiments and stability analysis. Chaos, 2016, 26, 116304.	2.5	7
92	The Poincaré method: A powerful tool for analyzing synchronization of coupled oscillators. Indagationes Mathematicae, 2016, 27, 1127-1146.	0.4	8
93	Robust Network Synchronization of Time-Delayed Coupled Systems. IFAC-PapersOnLine, 2016, 49, 74-79.	0.9	3
94	Synchronization of coupled Hindmarsh-Rose neurons: Effects of an exogenous parameter**Financially supported by Mexican National Council for Science and Technology (CONACYT).. IFAC-PapersOnLine, 2016, 49, 84-89.	0.9	5
95	Consensus-based bi-directional CACC for vehicular platooning. , 2016, , .		19
96	Hybrid Trajectory Tracking for a Hopping Robotic Leg. IFAC-PapersOnLine, 2016, 49, 107-112.	0.9	6
97	Second-order reset elements for stage control design. , 2016, , .		26
98	Training a Network of Electronic Neurons for Control of a Mobile Robot. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650196.	1.7	6
99	Synchronization and Partial Synchronization Experiments with Networks of Time-Delay Coupled Hindmarsh-Rose Neurons. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650111.	1.7	10
100	Coupling-modulated multi-stability and coherent dynamics in directed networks of heterogeneous nonlinear oscillators with modular topology. IFAC-PapersOnLine, 2016, 49, 62-67.	0.9	7
101	The sympathy of two pendulum clocks: beyond Huygens's observations. Scientific Reports, 2016, 6, 23580.	3.3	64
102	Combined lateral and longitudinal CACC for a unicycle-type platoon. , 2016, , .		17
103	A robust control analysis for a steer-by-wire vehicle with uncertainty on the tyre forces. Vehicle System Dynamics, 2016, 54, 1247-1268.	3.7	14
104	Merging Strategy for Vehicles by Applying Cooperative Tracking Control. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 3423-3433.	8.0	23
105	Modelling and simulation of a compliant tilting pad air bearing. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 69-87.	2.1	4
106	Trailer Steering Control of a Tractor-Trailer Robot. IEEE Transactions on Control Systems Technology, 2016, 24, 1240-1252.	5.2	59
107	Rule-based control of a semi-active suspension for minimal sprung mass acceleration: design and measurement. Vehicle System Dynamics, 2016, 54, 281-300.	3.7	11
108	Split-path nonlinear integral control for transient performance improvement. Automatica, 2016, 66, 262-270.	5.0	15

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109	Active trailer steering for robotic tractor-trailer combinations. , 2015, , .		9
110	Trajectory tracking of mechanical systems with unilateral constraints: Experimental results of a recently introduced hybrid PD feedback controller. , 2015, , .		9
111	Predictor-based consensus control of a multi-agent system with time-delays. , 2015, , .		5
112	Directed cycles and multi-stability of coherent dynamics in systems of coupled nonlinear oscillators. IFAC-PapersOnLine, 2015, 48, 19-24.	0.9	2
113	Synchronization in Cartesian-Product Networks of Time-Delay Coupled Systems. IFAC-PapersOnLine, 2015, 48, 245-250.	0.9	1
114	Graceful Degradation of Cooperative Adaptive Cruise Control. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 488-497.	8.0	204
115	On optimal trajectory tracking for mechanical systems with unilateral constraints. , 2015, , .		16
116	Automation of a T-intersection Using Virtual Platoons of Cooperative Autonomous Vehicles. , 2015, , .		27
117	A two-layer architecture for force-reflecting bilateral teleoperation with time delays. , 2015, , .		2
118	Energy analysis of the Von Schlippe tyre model with application to shimmy. Vehicle System Dynamics, 2015, 53, 1795-1810.	3.7	12
119	Robust output-feedback control to eliminate stick-slip oscillations in drill-string systems. IFAC-PapersOnLine, 2015, 48, 266-271.	0.9	19
120	The effect of damping on the perception of hardness. , 2015, , .		13
121	Network synchronization of time-delayed coupled nonlinear systems using predictor-based diffusive dynamic couplings. Chaos, 2015, 25, 023108.	2.5	10
122	Fixed-structure robust controller design for chatter mitigation in high-speed milling. International Journal of Robust and Nonlinear Control, 2015, 25, 3495-3514.	3.7	4
123	Synthesis of Variable Gain Integral Controllers for Linear Motion Systems. IEEE Transactions on Control Systems Technology, 2015, 23, 139-149.	5.2	31
124	Network synchronization using invariant-manifold-based diffusive dynamic couplings with time-delay. Automatica, 2015, 57, 34-44.	5.0	23
125	Switched position-force tracking control of a manipulator interacting with a stiff environment. , 2015, , .		7
126	Pyragas-type feedback control for chatter mitigation in high-speed milling. IFAC-PapersOnLine, 2015, 48, 334-339.	0.9	8



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127	Extremum-Seeking Control for the Adaptive Design of Variable Gain Controllers. IEEE Transactions on Control Systems Technology, 2015, 23, 1041-1051.	5.2	11
128	Network Topology and Synchronization of Systems with Linear Time-Delayed Coupling. Lecture Notes in Control and Information Sciences, 2015, , 321-341.	1.0	0
129	Application of nonlinear tyre models to analyse shimmy. Vehicle System Dynamics, 2014, 52, 387-404.	3.7	32
130	Observer-based output-feedback control to eliminate torsional drill-string vibrations. , 2014, , .		8
131	Direct Motion Planning for Vision-Based Control. IEEE Transactions on Automation Science and Engineering, 2014, 11, 1282-1288.	5.2	12
132	Sensitivity analysis of hybrid systems with state jumps with application to trajectory tracking. , 2014, , .		26
133	Control of a semi-active suspension system for comfort by means of a rule-based controller. , 2014, , .		0
134	A dither-free extremum-seeking control approach using 1st-order least-squares fits for gradient estimation. , 2014, , .		22
135	Controller Synthesis for String Stability of Vehicle Platoons. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 854-865.	8.0	350
136	Cooperative Adaptive Cruise Control: Network-Aware Analysis of String Stability. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 1527-1537.	8.0	327
137	Lp String Stability of Cascaded Systems: Application to Vehicle Platooning. IEEE Transactions on Control Systems Technology, 2014, 22, 786-793.	5.2	474
138	Robust disturbance estimation for human-robotic comanipulation. International Journal of Robust and Nonlinear Control, 2014, 24, 1772-1796.	3.7	4
139	Experimental Validation of Object Positioning Via Stickâ€™Slip Vibrations. IEEE/ASME Transactions on Mechatronics, 2014, 19, 1092-1101.	5.8	8
140	Predictor-Based Remote Tracking Control of a Mobile Robot. IEEE Transactions on Control Systems Technology, 2014, 22, 2087-2102.	5.2	25
141	Transient performance improvement of linear systems using a split-path nonlinear integrator. , 2014, , .		7
142	Further results on Lyapunov-like conditions of forward invariance and boundedness for a class of unstable systems. , 2014, , .		1
143	Networks of diffusively time-delay coupled systems: Conditions for synchronization and its relation to the network topology. Physica D: Nonlinear Phenomena, 2014, 277, 22-39.	2.8	21
144	Global Exponential Stabilization of a Two-Dimensional Pool-Boiling Model. IEEE Transactions on Automatic Control, 2014, 59, 205-210.	5.7	3

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145	Filling the gap between low frequency measurements with their estimates. , 2014, , .		2
146	Effect of hinge friction on the steady-state response of base-excited shallow arches. JVC/Journal of Vibration and Control, 2014, 20, 1877-1894.	2.6	0
147	Modal control of unstable boiling states in three-dimensional nonlinear pool-boiling. , 2014, , .		0
148	Model Reduction for Nonlinear Systems by Incremental Balanced Truncation. IEEE Transactions on Automatic Control, 2014, 59, 2739-2753.	5.7	48
149	Synchronization of Identical Linear Systems and Diffusive Time-Delayed Couplings. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 1801-1814.	5.4	14
150	Further understanding of Huygensâ€™ coupled clocks: The effect of stiffness. Physica D: Nonlinear Phenomena, 2014, 270, 11-19.	2.8	21
151	Output-based modal control of three-dimensional pool-boiling systems. International Journal of Thermal Sciences, 2014, 82, 34-46.	4.9	4
152	Battery thermal management by boiling heat-transfer. Energy Conversion and Management, 2014, 79, 9-17.	9.2	171
153	Partial Network Synchronization Using Diffusive Dynamic Couplings. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 4675-4680.	0.4	2
154	Adaptive Observers for Nonlinearly Parameterized Systems Subjected to Parametric Constraints. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 10869-10874.	0.4	2
155	Finite Element Model Reduction and Model Updating of structures for Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 4517-4522.	0.4	10
156	Controlled synchronization: a Huygens' inspired approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3098-3103.	0.4	2
157	Adaptive observers and parameter estimation for a class of systems nonlinear in the parameters. Automatica, 2013, 49, 2409-2423.	5.0	79
158	Synchronization of weakly nonlinear oscillators with Huygens' coupling. Chaos, 2013, 23, 033118.	2.5	25
159	Introduction to the special issue on â€œPerformance of nonlinear control systemsâ€™. International Journal of Robust and Nonlinear Control, 2013, 23, 1063-1064.	3.7	0
160	Model reduction for nonlinear systems with incremental gain or passivity properties. Automatica, 2013, 49, 861-872.	5.0	32
161	Time Delay Compensation in Bilateral Teleoperations Using IMPACT. IEEE Transactions on Control Systems Technology, 2013, 21, 704-715.	5.2	19
162	A comparison of model reduction techniques from structural dynamics, numerical mathematics and systems and control. Journal of Sound and Vibration, 2013, 332, 4403-4422.	3.9	208

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163	Accuracy Assessment of Thermoacoustic Instability Models Using Binary Classification. International Journal of Spray and Combustion Dynamics, 2013, 5, 201-224.	1.0	8
164	Model-based piecewise affine variable-gain controller synthesis. , 2013, , .		3
165	Qualitative validation of humanoid robot models through balance recovery side-stepping experiments. , 2013, , .		2
166	Learning in the synthesis of data-driven variable-gain controllers. , 2013, , .		6
167	Generalized incremental balanced truncation for nonlinear systems. , 2013, , .		1
168	Graceful degradation of CACC performance subject to unreliable wireless communication. , 2013, , .		46
169	Vehicle state estimator based regenerative braking implementation on an electric vehicle to improve lateral vehicle stability. , 2013, , .		2
170	Evaluating the TU/e Lupo EL BEV performance. , 2013, , .		2
171	NETWORK SYNCHRONIZATION BY DYNAMIC DIFFUSIVE COUPLING. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350076.	1.7	5
172	Foot Placement Indicator for Balance of Planar Bipedes with Point Feet. International Journal of Advanced Robotic Systems, 2013, 10, 250.	2.1	4
173	Partial synchronization in diffusively time-delay coupled oscillator networks. Chaos, 2012, 22, 043144.	2.5	32
174	String stability of interconnected vehicles under communication constraints. , 2012, , .		68
175	Analysis of the lateral dynamic behaviour of articulated commercial vehicles. Vehicle System Dynamics, 2012, 50, 169-189.	3.7	33
176	Feed forward visual servoing for object exploration. , 2012, , .		2
177	Controlled Synchronization in Networks of Nonlinear Systems via Dynamic Coupling* *This work was partially supported by the Mexican Council for Science and Technology (CONACYT).. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 261-266.	0.4	2
178	An experimental study on synchronization of nonlinear oscillators with Huygens' coupling. Nonlinear Theory and Its Applications IEICE, 2012, 3, 128-142.	0.6	8
179	Robust Active Chatter Control in the High-Speed Milling Process. IEEE Transactions on Control Systems Technology, 2012, 20, 901-917.	5.2	101
180	Feedback stabilisation of a two-dimensional pool-boiling system by modal control. International Journal of Thermal Sciences, 2012, 61, 38-49.	4.9	5

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181	Steady-state performance optimization for variable-gain motion control using extremum seeking. , 2012, , .		3
182	Bifurcations of equilibrium sets in mechanical systems with dry friction. Physica D: Nonlinear Phenomena, 2012, 241, 1882-1894.	2.8	14
183	Collective Almost Synchronisation in Complex Networks. PLoS ONE, 2012, 7, e48118.	2.5	12
184	Steady-state dynamics of a 3D tensegrity structure: Simulations and experiments. International Journal of Solids and Structures, 2012, 49, 973-988.	2.7	11
185	Cooperative adaptive cruise control: Tradeoffs between control and network specifications. , 2011, , .		31
186	Structural stability of equilibrium sets for a class of discontinuous vector fields. , 2011, , .		0
187	Output Feedback Tracking of Ships. IEEE Transactions on Control Systems Technology, 2011, 19, 442-448.	5.2	91
188	Model-based analysis and control of axial and torsional stick-slip oscillations in drilling systems. , 2011, , .		9
189	On the achievable performance using variable geometry active secondary suspension systems in commercial vehicles. Vehicle System Dynamics, 2011, 49, 1553-1573.	3.7	7
190	Vibrational self-alignment of a rigid object exploiting friction. Nonlinear Dynamics, 2011, 65, 109-129.	5.2	3
191	Editorial: Special issue on stability of non-linear dynamic structures and systems. Nonlinear Dynamics, 2011, 66, 247-250.	5.2	4
192	Nonlinear resonances in an axially excited beam carrying a top mass: simulations and experiments. Nonlinear Dynamics, 2011, 66, 285-302.	5.2	11
193	Synchronization and activation in a model of a network of $\text{si}^{13}$ $\text{gif}$ $\text{display= inline overflow= scroll xmlns:xocs= http://www.elsevier.com/xml/xocs/dtd xmlns:xs= "http://www.w3.org/2001/XMLSchema" xmlns:xsi= "http://www.w3.org/2001/XMLSchema-instance" xmlns= "http://www.elsevier.com/xml/ja/dtd" xmlns:ja= "http://www.elsevier.com/xml/ja/dtd" xmlns:mml= "http://www.w3.org/1998/Math/MathML" xmlns:tb= "http://www.elsevier.com/xml/common/table/dtd" xmlns:sb= "http://www.elsevier.com/xml/co$	5.0	8
194	Low-order control design for chatter suppression in high-speed milling. , 2011, , .		2
195	Formation control of unicycle robots using the virtual structure approach. , 2011, , .		6
196	Model reduction of nonlinear systems with bounded incremental $\infty$ gain. , 2011, , .		6
197	Design and experimental evaluation of cooperative adaptive cruise control. , 2011, , .		395
198	A virtual structure approach to formation control of unicycle mobile robots using mutual coupling. International Journal of Control, 2011, 84, 1886-1902.	1.9	89

#	ARTICLE	IF	CITATIONS
199	Synchronization in Networks of Diffusively Time-Delay Coupled (Semi-)Passive Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 1358-1371.	5.4	49
200	The Electromechanical Low-Power Active Suspension: Modeling, Control, and Prototype Testing. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2011, 133, .	1.6	7
201	A SYNCHRONIZATION CONDITION FOR COUPLED NONLINEAR SYSTEMS WITH TIME-DELAY: A FREQUENCY DOMAIN APPROACH. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2525-2538.	1.7	15
202	Synchronization of Diffusively Coupled Electronic Hindmarsh-Rose Oscillators. World Scientific Series on Nonlinear Science, Series B, 2010, , 195-210.	0.2	5
203	Feedback stabilisation of a one-dimensional nonlinear pool-boiling system. International Journal of Heat and Mass Transfer, 2010, 53, 2393-2403.	4.8	11
204	Proportional and derivative control for steady-state vibration mitigation in a piecewise linear beam system. Nonlinear Dynamics, 2010, 60, 535-549.	5.2	14
205	Controller synthesis for networked control systems. Automatica, 2010, 46, 1584-1594.	5.0	286
206	Dynamic stability of a base-excited thin orthotropic cylindrical shell with top mass: Simulations and experiments. Journal of Sound and Vibration, 2010, 329, 3149-3170.	3.9	23
207	Saturated control of time-varying formations and trajectory tracking for unicycle multi-agent systems. , 2010, , .		20
208	Feedback stabilization of transition boiling states. , 2010, , .		0
209	Trajectory tracking control for a tele-operation setup with disturbance estimation and compensation. , 2010, , .		12
210	Collision-free motion coordination of unicycle multi-agent systems. , 2010, , .		14
211	An application of IMPACT structure to bilateral teleoperations. , 2010, , .		2
212	NETWORK COMPLEXITY AND SYNCHRONOUS BEHAVIOR " AN EXPERIMENTAL APPROACH. International Journal of Neural Systems, 2010, 20, 233-247.	5.2	28
213	Automatic In-Process Chatter Avoidance in the High-Speed Milling Process. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2010, 132, .	1.6	52
214	Severity of Tip-Out Induced Impacts in Drive Line Systems With Backlash. Journal of Computational and Nonlinear Dynamics, 2010, 5, .	1.2	3
215	Swinging Control of Two-pendulum System under Energy Constraints. World Scientific Series on Nonlinear Science, Series B, 2010, , 167-179.	0.2	0
216	Synchronization between Coupled Oscillators: An Experimental Approach. World Scientific Series on Nonlinear Science, Series B, 2010, , 153-165.	0.2	3

#	ARTICLE	IF	CITATIONS
217	Huijgens' Synchronization: A Challenge. World Scientific Series on Nonlinear Science, Series B, 2010, , 1-6.	0.2	0
218	Reduction of Steady-State Vibrations in a Piecewise Linear Beam System Using Proportional and Derivative Control. World Scientific Series on Nonlinear Science, Series B, 2010, , 71-88.	0.2	0
219	Feedback stabilisation of two-dimensional non-uniform pool-boiling states. WIT Transactions on Engineering Sciences, 2010, , .	0.0	1
220	An error bound for model reduction of Lur'e-type systems. , 2009, , .		7
221	Control scheme for human-robot co-manipulation of uncertain, time-varying loads. , 2009, , .		17
222	Semi-passivity and synchronization of diffusively coupled neuronal oscillators. Physica D: Nonlinear Phenomena, 2009, 238, 2119-2128.	2.8	116
223	Classification of periodic orbits for systems with backlash. Chaos, Solitons and Fractals, 2009, 41, 131-144.	5.1	1
224	Control of mechanical motion systems with non-collocation of actuation and friction: A Popov criterion approach for input-to-state stability and set-valued nonlinearities. Automatica, 2009, 45, 405-415.	5.0	93
225	Formation control of unicycle mobile robots: a virtual structure approach. , 2009, , .		67
226	Synchronization of Bidirectionally Coupled Nonlinear Systems with Time-Varying Delay. Lecture Notes in Control and Information Sciences, 2009, , 391-401.	1.0	4
227	Design of a minimally invasive surgical teleoperated master-slave system with haptic feedback. , 2009, , .		26
228	Nonlinear Drillstring Dynamics Analysis. SIAM Journal on Applied Dynamical Systems, 2009, 8, 527-553.	1.6	111
229	Input-to-state stabilizing sub-optimal NMPC with an application to DC-DC converters. International Journal of Robust and Nonlinear Control, 2008, 18, 890-904.	3.7	54
230	On robustness of constrained discrete-time systems to state measurement errors. Automatica, 2008, 44, 1161-1165.	5.0	23
231	Dynamic stability of a thin cylindrical shell with top mass subjected to harmonic base-acceleration. International Journal of Solids and Structures, 2008, 45, 1587-1613.	2.7	24
232	Performance of convergence-based variable-gain control of optical storage drives. Automatica, 2008, 44, 15-27.	5.0	43
233	Nonuniform Small-Gain Theorems for Systems with Unstable Invariant Sets. SIAM Journal on Control and Optimization, 2008, 47, 849-882.	2.1	18
234	Observer Designs for Experimental Non-Smooth and Discontinuous Systems. IEEE Transactions on Control Systems Technology, 2008, 16, 1323-1332.	5.2	43

#	ARTICLE	IF	CITATIONS
235	Improving yaw dynamics by feedforward rear wheel steering. , 2008, , .		6
236	Boosting human force: A robotic enhancement of a human operator&#x2019;s force. , 2008, , .		5
237	Output-feedback control of Lur&#x2019;e-type systems with set-valued nonlinearities: A Popov-criterion approach. , 2008, , .		8
238	Synchronization in networks of chaotic systems with time-delay coupling. Chaos, 2008, 18, 037108.	2.5	59
239	Synchronization of Four Identical Nonlinear Systems with Time-delay. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 12153-12158.	0.4	4
240	On phase feedback for nonlinear MEMS resonators. Frequency Control Symposium and Exhibition, Proceedings of the IEEE International, 2007, , .	0.0	4
241	An Improved Tool Path Model Including Periodic Delay for Chatter Prediction in Milling. Journal of Computational and Nonlinear Dynamics, 2007, 2, 167-179.	1.2	51
242	Synchronisation and Control. , 2007, , .		0
243	Experimental results on output-feedback control of a nonsmooth rotor dynamic system. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 44-48.	0.4	0
244	Hybrid optimal control of dry clutch engagement. International Journal of Control, 2007, 80, 1717-1728.	1.9	95
245	On convergence properties of piecewise affine systems. International Journal of Control, 2007, 80, 1233-1247.	1.9	59
246	A Negative Bendixson-Like Criterion for a Class of Hybrid Systems. IEEE Transactions on Automatic Control, 2007, 52, 586-595.	5.7	4
247	Synchronization of coupled nonlinear systems with time delay. , 2007, , .		3
248	Design of stabilizing output feedback nonlinear model predictive controllers with an application to DC-DC converters. , 2007, , .		1
249	Synchronisation of nonlinear systems by bidirectional coupling with time-varying delay. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 262-267.	0.4	3
250	Global nonlinear output regulation: Convergence-based controller design. Automatica, 2007, 43, 456-463.	5.0	40
251	Analysis of undercompensation and overcompensation of friction in 1DOF mechanical systems. Automatica, 2007, 43, 1387-1394.	5.0	57
252	Periodic excitation of a buckled beam using a higher order semianalytic approach. Nonlinear Dynamics, 2007, 50, 325-339.	5.2	10

#	ARTICLE	IF	CITATIONS
253	Interaction between torsional and lateral vibrations in flexible rotor systems with discontinuous friction. <i>Nonlinear Dynamics</i> , 2007, 50, 679-699.	5.2	35
254	Nonlinear dynamic analysis of a structure with a friction-based seismic base isolation system. <i>Nonlinear Dynamics</i> , 2007, 50, 523-538.	5.2	18
255	Robust Stability of Networked Control Systems with Time-varying Network-induced Delays. , 2006, , .		87
256	Friction compensation in a controlled one-link robot using a reduced-order observer. <i>IEEE Transactions on Control Systems Technology</i> , 2006, 14, 374-383.	5.2	76
257	PARTIAL SYNCHRONIZATION OF DIFFUSIVELY COUPLED CHUA SYSTEMS: AN EXPERIMENTAL CASE STUDY. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006, 39, 119-124.	0.4	2
258	EXPERIMENTAL RESULTS ON HUYGENS SYNCHRONIZATION. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006, 39, 113-118.	0.4	2
259	ACTIVE DISTURBANCE ATTENUATION FOR AN EXPERIMENTAL PIECEWISE LINEAR BEAM SYSTEM. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006, 39, 395-400.	0.4	1
260	Friction-induced limit cycling in flexible rotor systems: An experimental drill-string set-up. <i>Nonlinear Dynamics</i> , 2006, 46, 273-291.	5.2	64
261	Dynamic Stability of a Base-Excited Thin Beam With Top Mass. , 2006, , 221.		2
262	Practical stabilization of a mobile robot using saturated control. , 2006, , .		6
263	A Stabilizing Output Based Nonlinear Model Predictive Control Scheme. , 2006, , .		3
264	THE UNIFORM GLOBAL OUTPUT REGULATION PROBLEM FOR DISCONTINUOUS SYSTEMS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005, 38, 270-275.	0.4	1
265	OUTPUT BASED CONTROL FOR AN UNDERACTUATED SYSTEM: EXPERIMENTAL RESULTS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005, 38, 400-405.	0.4	0
266	The local approximate output regulation problem: convergence region estimates. <i>International Journal of Robust and Nonlinear Control</i> , 2005, 15, 1-13.	3.7	2
267	Modeling of High-Speed Milling for Prediction of Regenerative Chatter. , 2005, , 169-186.		1
268	Coordination of Mechanical Systems. , 2005, , 369-386.		0
269	Simulated behaviour of a vehicle with V-belt geared neutral transmission with variator slip control. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2005, 219, 1321-1330.	1.9	2
270	SYNCHRONIZATION AND GRAPH TOPOLOGY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2005, 15, 3423-3433.	1.7	140



#	ARTICLE	IF	CITATIONS
271	Prediction of chaotic behavior. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 2464-2472.	0.1	32
272	An observer-controller combination for a unicycle mobile robot. International Journal of Control, 2005, 78, 81-87.	1.9	46
273	Convex equations and differential inclusions in hybrid systems. , 2004, , .		4
274	Dynamics and Bifurcations of Non-Smooth Mechanical Systems. Lecture Notes in Applied and Computational Mechanics, 2004, , .	2.2	396
275	LIMIT CYCLING IN AN OBSERVER-BASED CONTROLLED SYSTEM WITH FRICTION: NUMERICAL ANALYSIS AND EXPERIMENTAL VALIDATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 3083-3093.	1.7	13
276	Synchronizing Tracking Control for Flexible Joint Robots via Estimated State Feedback. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2004, 126, 162-172.	1.6	15
277	Observer-based model predictive control. International Journal of Control, 2004, 77, 1452-1462.	1.9	14
278	Application of a Dynamic Vibration Absorber to a Piecewise Linear Beam System. Nonlinear Dynamics, 2004, 37, 227-243.	5.2	49
279	Convergent dynamics, a tribute to Boris Pavlovich Demidovich. Systems and Control Letters, 2004, 52, 257-261.	2.3	268
280	Global robust output regulation for Lur'e systems. , 2004, , .		0
281	Analysis of Friction-Induced Limit Cycling in an Experimental Drill-String System. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2004, 126, 709-720.	1.6	99
282	Observer-based compensation of discontinuous friction. , 2004, , .		19
283	Master-Slave synchronization of robot manipulators. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 447-452.	0.4	6
284	Friction compensation in a controlled one-link robot using a reduced-order observer. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 889-894.	0.4	2
285	Prediction of regenerative chatter by modelling and analysis of high-speed milling. International Journal of Machine Tools and Manufacture, 2003, 43, 1437-1446.	13.4	237
286	Tracking control of second-order chained form systems by cascaded backstepping. International Journal of Robust and Nonlinear Control, 2003, 13, 95-115.	3.7	44
287	The local output regulation problem: Convergence region estimates. , 2003, , .		0
288	Master-slave robot position coordination based on estimated variables. , 2003, , .		0

#	ARTICLE	IF	CITATIONS
289	Limit cycling in observer-based controlled mechanical systems with friction. , 2003, , .		4
290	Partial synchronization: from symmetry towards stability. Physica D: Nonlinear Phenomena, 2002, 172, 65-87.	2.8	177
291	A Volterra Series Approach to the Approximation of Stochastic Nonlinear Dynamics. Nonlinear Dynamics, 2002, 27, 397-409.	5.2	18
292	Cooperative oscillatory behavior of mutually coupled dynamical systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2001, 48, 152-162.	0.1	230
293	Coordination of two robot manipulators based on position measurements only. International Journal of Control, 2001, 74, 1311-1323.	1.9	54
294	Co-ordination of Two Robot Manipulators via Nonlinear Estimated State Feedback. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 255-260.	0.4	1
295	On Well-Posedness of Relay Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 1451-1456.	0.4	3
296	NONLINEAR DISCRETE-TIME SYNCHRONIZATION VIA EXTENDED OBSERVERS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2001, 11, 1997-2006.	1.7	46
297	Trajectory tracking by cascaded backstepping control for a second-order nonholonomic mechanical system. Lecture Notes in Control and Information Sciences, 2001, , 35-47.	1.0	4
298	Linear controllers for exponential tracking of systems in chained-form. International Journal of Robust and Nonlinear Control, 2000, 10, 243-263.	3.7	45
299	Regulation and controlled synchronization for complex dynamical systems. International Journal of Robust and Nonlinear Control, 2000, 10, 363-377.	3.7	29
300	ADAPTIVE OBSERVER-BASED SYNCHRONIZATION FOR COMMUNICATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2000, 10, 2807-2813.	1.7	116
301	Application of nonlinear disturbance decoupling to active car steering. , 1999, , .		0
302	ON DIFFUSION DRIVEN OSCILLATIONS IN COUPLED DYNAMICAL SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1999, 09, 629-644.	1.7	90
303	PARTIAL FEEDBACK LINEARIZATION ON A HARMONICALLY EXCITED BEAM WITH ONE-SIDED SPRING. Journal of Sound and Vibration, 1999, 228, 939-959.	3.9	2
304	A recursive technique for tracking control of nonholonomic systems in chained form. IEEE Transactions on Automatic Control, 1999, 44, 265-279.	5.7	400
305	Linear controllers for tracking chained-form systems. Lecture Notes in Control and Information Sciences, 1999, , 183-199.	1.0	15
306	Frequency-domain conditions for global synchronization of nonlinear systems driven by a multiharmonic external signal. , 1999, , .		3

#	ARTICLE	IF	CITATIONS
307	Control of the chaotic Duffing equation with uncertainty in all parameters. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1998, 45, 1252-1255.	0.1	56
308	Observer-Based Robust Synchronization of Dynamical Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1998, 08, 2243-2254.	1.7	39
309	Exponential Tracking Control of a Mobile Car Using a Cascaded Approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 201-206.	0.4	75
310	An observer looks at synchronization. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1997, 44, 882-890.	0.1	603
311	On self-synchronization and controlled synchronization. Systems and Control Letters, 1997, 31, 299-305.	2.3	246
312	Tracking Control of Mobile Robots: A Case Study in Backstepping**This paper was not presented at any IFAC meeting. This paper was recommended for publication in revised form by Associate Editor Alberto Isidori under the direction of Editor Tamer Başar.. Automatica, 1997, 33, 1393-1399.	5.0	756
313	Extremal controls for chained systems. Journal of Dynamical and Control Systems, 1996, 2, 503-527.	0.8	5
314	Nonsmooth stabilizability and feedback linearization of discrete-time nonlinear systems. International Journal of Robust and Nonlinear Control, 1996, 6, 171-188.	3.7	15
315	Immersion of discrete-time nonlinear system by regular dynamic state feedback into a linear system. International Journal of Control, 1996, 64, 361-376.	1.9	0
316	On dynamic input-output linearization of discrete-time nonlinear systems. International Journal of Control, 1994, 60, 1319-1337.	1.9	10
317	Robust control of robots via linear estimated state feedback. IEEE Transactions on Automatic Control, 1994, 39, 2159-2162.	5.7	100
318	Strong Dynamic Input-Output Decoupling: from Linearity to Nonlinearity. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1992, 25, 173-178.	0.4	3
319	Nonlinear Dynamical Control Systems. , 1990, , .		2,130
320	Bounded output feedback tracking control of fully-actuated Euler-Lagrange systems. , 0, , .		1
321	Self-synchronization and controlled synchronization. , 0, , .		10
322	Bounded tracking controllers for the chaotic (forced) Duffing equation. , 0, , .		4
323	Tracking control of an underactuated surface vessel. , 0, , .		66
324	Two types of estimates of Hausdorff dimension. , 0, , .		0

#	ARTICLE	IF	CITATIONS
325	Equivalence of disturbance observer structures for linear systems. , 0, , .		4
326	Approximate continuous-time optimal control in obstacle by time/space discretization of non-convex constraints. , 0, , .		3
327	Control of manufacturing systems using state feedback and linear programming. , 0, , .		3
328	Nonlinear Chaos Control and Synchronization. , 0, , 719-749.		0