

Jakob Stoustrup

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.

193
papers

3,015
citations

29
h-index

49
g-index

212
ext. papers

3,689
ext. citations

3.8
avg, IF

5.54
L-index

#	Paper	IF	Citations
193	Exploiting Power-to-Heat Assets in District Heating Networks to Regulate Electric Power Network. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 2048-2059	10.7	1
192	Improved DC-Link Voltage Regulation Strategy for Grid-Connected Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 4977-4987	8.9	22
191	Virtual refrigerant charge sensor for booster refrigeration systems. <i>International Journal of Refrigeration</i> , 2021 , 122, 59-68	3.8	0
190	Power Loss Reduction in Low-Voltage Distribution Grids via Coordinated Reactive Power Management of PV Inverters. <i>Communications in Computer and Information Science</i> , 2021 , 65-72	0.3	
189	Coordinated Control of PV Inverters in Distribution Grid Using Local and Centralized Control 2020 ,		2
188	Fault Isolation in MIMO Systems Based on Active Decoupling 2020 , 1-1		
187	Low-Complexity Hierarchical Control for Distributed Shopping Center HVAC. <i>IFAC-PapersOnLine</i> , 2020 , 53, 6597-6603	0.7	
186	Sliding Mode Control With Grid Voltage Modulated Direct Power Control for Three-Phase AC-DC Converter 2019 ,		2
185	Nonlinear Model Predictive Control for Energy Efficient Cooling in Shopping Center HVAC 2019 ,		1
184	Distributed Control of Power Grids. <i>Power Electronics and Power Systems</i> , 2019 , 85-98	0.3	
183	Energy Flexibility for Systems with large Thermal Masses with Applications to Shopping Centers 2018 ,		2
182	Multi-Zone Modeling and Energy Efficient Control of Shopping Center Cooling 2018 ,		2
181	Distributed Optimal Coordination for Distributed Energy Resources in Power Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2017 , 14, 414-424	4.9	42
180	Improving Demand Response Potential of a Supermarket Refrigeration System: A Food Temperature Estimation Approach. <i>IEEE Transactions on Control Systems Technology</i> , 2017 , 25, 855-863	4.8	7
179	The 15th European Control Conference (ECC16) [Conference Reports]. <i>IEEE Control Systems</i> , 2016 , 36, 112-115	2.9	2
178	Sustainable Reserve Power From Demand Response and Fluctuating Production—Two Danish Demonstrations. <i>Proceedings of the IEEE</i> , 2016 , 104, 780-788	14.3	10
177	Distributed coordination of energy storage with distributed generators 2016 ,		11

176	Adaptive MPC for a reefer container. <i>Control Engineering Practice</i> , 2015 , 44, 55-64	3.9	11
175	Modular modeling of a refrigeration container. <i>International Journal of Refrigeration</i> , 2015 , 55, 17-29	3.8	9
174	Learning-Based Precool Algorithms for Exploiting Foodstuff as Thermal Energy Reserve. <i>IEEE Transactions on Control Systems Technology</i> , 2015 , 23, 557-569	4.8	3
173	Gear-box fault detection using time-frequency based methods. <i>Annual Reviews in Control</i> , 2015 , 40, 50-58	8.3	17
172	A new thermostat for real-time price demand response: Cost, comfort and energy impacts of discrete-time control without deadband. <i>Applied Energy</i> , 2015 , 155, 816-825	10.7	56
171	. <i>IEEE Transactions on Control Systems Technology</i> , 2015 , 23, 245-263	4.8	32
170	A Benchmark Evaluation of Fault Tolerant Wind Turbine Control Concepts. <i>IEEE Transactions on Control Systems Technology</i> , 2015 , 23, 1221-1228	4.8	66
169	Fault-tolerant control of discrete-time LPV systems using virtual actuators and sensors. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 707-734	3.6	29
168	Robust Aggregator Design for Industrial Thermal Energy Storages in Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2015 , 1-15	10.7	10
167	Linear matrix inequalities for analysis and control of linear vector second-order systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 2939-2964	3.6	4
166	Distributed flexibility characterization and resource allocation for multi-zone commercial buildings in the smart grid 2015 ,		14
165	Stability of linear systems in second-order form based on structure preserving similarity transformations. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2015 , 66, 2909-2919	1.6	2
164	Heuristic Optimization for the Discrete Virtual Power Plant Dispatch Problem. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 2910-2918	10.7	22
163	Guest Editorial Special Section on Control Theory and Technology. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 2031-2032	10.7	1
162	Controller modification applied for active fault detection 2014 ,		7
161	Integration of flexible consumers in the ancillary service markets. <i>Energy</i> , 2014 , 67, 479-489	7.9	27
160	Value of flexible consumption in the electricity markets. <i>Energy</i> , 2014 , 66, 354-362	7.9	34
159	Karhunen Loeve basis used for Detection of Gearbox Faults in a Wind Turbine. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 8891-8896		2

158	A Dynamic Market Mechanism for Markets with Shiftable Demand Response. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 1873-1878		11
157	An Industrial Model Based Disturbance Feedback Control Scheme. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 146-151		1
156	Frequency Based Fault Detection in Wind Turbines. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 5832-5837		2
155	Evaluation of Aggregators for Integration of Large-scale Consumers in Smart Grid. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 1879-1885		9
154	Aggregation and Control of Supermarket Refrigeration Systems in a Smart Grid. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 9942-9949		9
153	Fault Detection and Load Distribution for the Wind Farm Challenge. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 4316-4321		9
152	Aggregation and Control of Flexible Consumers \square A Real Life Demonstration. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 9950-9955		12
151	An evaluation of fault tolerant wind turbine control schemes applied to a benchmark model 2014 ,		3
150	The value of flexibility in the distribution grid 2014 ,		2
149	Modular simulation of reefer container dynamics. <i>Simulation</i> , 2014 , 90, 249-264	1.2	1
148	Model predictive control for flexible power consumption of large-scale refrigeration systems 2014 ,		4
147	An interaction measure for control configuration selection for multivariable bilinear systems. <i>Nonlinear Dynamics</i> , 2013 , 72, 165-174	5	13
146	Fault-Tolerant Control of Wind Turbines: A Benchmark Model. <i>IEEE Transactions on Control Systems Technology</i> , 2013 , 21, 1168-1182	4.8	271
145	Modeling and control of a single-phase marine cooling system. <i>Control Engineering Practice</i> , 2013 , 21, 1726-1734	3.9	3
144	An analytical solution for stability-performance dilemma of hydronic radiators. <i>Energy and Buildings</i> , 2013 , 64, 439-446	7	19
143	Lumped thermal household model 2013 ,		4
142	Reduced-order LPV model of flexible wind turbines from high fidelity aeroelastic codes 2013 ,		10
141	Fault tolerant wind farm control \square A benchmark model 2013 ,		18

140	2013,		26
139	Electricity market optimization of heat pump portfolio 2013,		9
138	. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 2061-2071	10.7	49
137	A learning based precool algorithm for utilization of foodstuff as thermal energy storage 2013,		4
136	Successful industry/academia cooperation: From simple via complex to lucid solutions. <i>European Journal of Control</i> , 2013 , 19, 358-368	2.5	2
135	Model predictive control for a thermostatic controlled system 2013,		1
134	Set-membership state estimation for discrete time piecewise affine systems using zonotopes 2013,		3
133	2013,		12
132	Single temperature sensor superheat control using a novel maximum slope-seeking method. <i>International Journal of Refrigeration</i> , 2013 , 36, 1118-1129	3.8	14
131	Model predictive control for integration of industrial consumers to the smart grid under a direct control policy 2013,		1
130	Control structures for Smart Grid balancing 2013,		2
129	A decentralized control method for direct smart grid control of refrigeration systems 2013,		5
128	Integration of heterogeneous industrial consumers to provide regulating power to the smart grid 2013,		11
127	Modeling Supermarket Refrigeration Systems for Demand-Side Management. <i>Energies</i> , 2013 , 6, 900-920 _{3,1}		29
126	Plug-and-Play Control Modifying Control Systems Online. <i>IEEE Transactions on Control Systems Technology</i> , 2013 , 21, 79-93	4.8	47
125	Predictive control of demand side units participating in the primary frequency reserve market 2013		2
124	Adjustable consumption participating in the electricity markets 2013,		3
123	Direct control implementation of a refrigeration system in smart grid 2013,		14

122	Information modeling for direct control of distributed energy resources 2013 ,		8
121	Modeling supermarket refrigeration systems for supervisory control in smart grid 2013 ,		2
120	A supervisory control approach in economic MPC design for refrigeration systems 2013 ,		3
119	Fault Tolerant Wind Speed Estimator used in Wind Turbine Controllers. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 331-336		0
118	Utilization of excitation signal harmonics for control of nonlinear systems 2012 ,		2
117	Fault Detection of Wind Turbines with Uncertain Parameters: A Set-Membership Approach. <i>Energies</i> , 2012 , 5, 2424-2448	3.1	56
116	Model-Based Fault Detection and Isolation of a Liquid-Cooled Frequency Converter on a Wind Turbine. <i>Journal of Control Science and Engineering</i> , 2012 , 2012, 1-21	1.2	4
115	Structured control of LPV systems with application to wind turbines 2012 ,		4
114	2012 ,		14
113	Adaptive control algorithm for improving power capture of wind turbines in turbulent winds 2012 ,		5
112	Optimal dispatch strategy for the Agile Virtual Power Plant 2012 ,		10
111	Single temperature sensor based evaporator filling control using excitation signal harmonics 2012 ,		4
110	Control configuration selection for multivariable descriptor systems 2012 ,		4
109	Structured Linear Parameter Varying Control of Wind Turbines 2012 , 303-337		5
108	Robust Nonlinear Control Design with Application to a Marine Cooling System. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 387-392		2
107	H _∞ /H ₂ Model Reduction Through Dilated Linear Matrix Inequalities. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 728-733		1
106	Results of a Wind Turbine FDI Competition. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 102-107		18
105	Evaporator unit as a benchmark for Plug and Play and fault tolerant control*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 701-706		5

104	Control reconfiguration of LPV systems using virtual sensor and actuator. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 818-823		7
103	A Set-Valued Approach to FDI and FTC: Theory and Implementation Issues. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 1281-1286		8
102	A Fault-Tolerant Control Architecture for Different Battery Topologies in Electrified Vehicles. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 582-587		2
101	Congestion Management in a Smart Grid via Shadow Prices. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 518-523		32
100	Fault Tolerant Control of Wind Turbines using Unknown Input Observers. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 313-318		19
99	Predictive Smart Grid Control with Exact Aggregated Power Constraints. <i>Power Systems</i> , 2012 , 655-674	0.4	3
98	Hierarchical Model Predictive Control for Plug-and-Play Resource Distribution. <i>Lecture Notes in Control and Information Sciences</i> , 2012 , 339-358	0.5	2
97	Wind turbine pitch optimization 2011 ,		11
96	Orthogonal Bases used for Feed Forward Control of Wind Turbines. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 532-537		0
95	Modeling of Nonlinear Marine Cooling Systems with Closed Circuit Flow. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 5537-5542		8
94	Robust Structured Control Design via LMI Optimization. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 7933-7938		8
93	Optimal Power Consumption in a Central Heating System with Geothermal Heat Pump. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 3102-3107		5
92	Hierarchical Control for Smart Grids. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 6130-6135		4
91	Stability performance dilemma in hydronic radiators with TRV 2011 ,		1
90	Control of non-linear marine cooling system 2011 ,		1
89	Repetitive model predictive approach to individual pitch control of wind turbines 2011 ,		18
88	Robust and fault-tolerant linear parameter-varying control of wind turbines. <i>Mechatronics</i> , 2011 , 21, 645-659	3	158
87	Structured control of affine linear parameter varying systems 2011 ,		7

86	Eliminating oscillations in TRV-controlled hydronic radiators 2011,		2
85	2011,		13
84	Exact power constraints in smart grid control 2011,		17
83	Hierarchical model predictive control for resource distribution 2010,		12
82	High level model predictive control for plug-and-play process control with stability guaranty 2010,		1
81	Active fault diagnosis by controller modification. <i>International Journal of Systems Science</i> , 2010 , 41, 925-936		19
80	Unknown input observer based detection of sensor faults in a wind turbine 2010,		39
79	Fault isolation in parallel coupled wind turbine converters 2010,		4
78	Thermal analysis of an HVAC system with TRV controlled hydronic radiator 2010,		11
77	Active and passive fault-tolerant LPV control of wind turbines 2010,		57
76	Optimal switching control of burner setting for a compact marine boiler design. <i>Control Engineering Practice</i> , 2010 , 18, 665-675	3.9	9
75	Estimation of Uncertainty Bounds for the Future Performance of a Power Plant. <i>IEEE Transactions on Control Systems Technology</i> , 2009 , 17, 199-206	4.8	7
74	A parameterization of observer-ased controllers: Bumpless transfer by covariance interpolation 2009,		6
73	Linear parameter varying control of wind turbines covering both partial load and full load conditions. <i>International Journal of Robust and Nonlinear Control</i> , 2009 , 19, 92-116	3.6	97
72	Simplified optimal control in HVAC systems 2009,		3
71	A Youla-Kucera approach to gain-scheduling with application to wind turbine control 2009,		9
70	Control of systems with costs related to switching: applications to air-condition systems 2009,		5
69	Robust LMI-based control of wind turbines with parametric uncertainties 2009,		19

68	Plug & Play Control: Control Technology Towards New Challenges. <i>European Journal of Control</i> , 2009 , 15, 311-330	2.5	91
67	AAU-BOT1: a platform for studying dynamic, life-like walking. <i>Applied Bionics and Biomechanics</i> , 2009 , 6, 285-299	1.6	
66	Unknown Input Observer Based Scheme for Detecting Faults in a Wind Turbine Converter. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 161-166		18
65	Fault Tolerant Control of Wind Turbines \square benchmark model. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 155-160		87
64	AN OBSERVER PARAMETERIZATION APPROACH TO ACTIVE FAULT DIAGNOSIS WITH APPLICATIONS TO A DRAG RACING VEHICLE. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 591-596		1
63	A novel method for control of systems with costs related to switching: Applications to air-condition systems 2009 ,		1
62	Model based Plug and Play Process Control of a supermarket refrigeration system: A heuristic approach 2009 ,		2
61	Accommodation of Repetitive Sensor Faults \square Applied to Surface Faults on Compact Discs. <i>IEEE Transactions on Control Systems Technology</i> , 2008 , 16, 348-355	4.8	0
60	Parametric fault estimation based on H \square optimization in a satellite launch vehicle 2008 ,		3
59	On the trade-off between energy consumption and food quality loss in supermarket refrigeration systems 2008 ,		3
58	Minimizing quality deteriorations of refrigerated foodstuffs as a side effect of defrosting 2008 ,		1
57	Stable Controller Reconfiguration through Terminal Connections. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 331-335		6
56	Plug-and-Play Process Control: Improving Control Performance through Sensor Addition and Pre-filtering. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 336-341		2
55	Moving Horizon Control and Estimation of Livestock Ventilation Systems and Indoor Climate. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 6039-6044		1
54	Hybrid Model Predictive Control Applied to Switching Control of Burner Load for a Compact Marine Boiler Design. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 10626-10633		1
53	Towards Automatic Model Based Controller Design for Reconfigurable Plants. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 342-346		2
52	Rate bounded linear parameter varying control of a wind turbine in full load operation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 5593-5598		4
51	Robustness Issues in Fault Diagnosis and Fault Tolerant Control. <i>Journal of Control Science and Engineering</i> , 2008 , 2008, 1-2	1.2	4

50	Optimal model-based control in HVAC systems 2008 ,		9
49	Gain-scheduled Linear Quadratic Control of Wind Turbines Operating at High Wind Speed. <i>Control Applications (CCA), Proceedings of the IEEE International Conference on</i> , 2007 ,		8
48	Model Predictive Control of Thermal Comfort and Indoor Air Quality in livestock stable 2007 ,		2
47	Detection of Surface Defects on Compact Discs. <i>Journal of Control Science and Engineering</i> , 2007 , 2007, 1-10	1.2	1
46	OBJECTIVE DIRECTED CONTROL USING LOCAL MINIMISATION FOR AN AUTONOMOUS UNDERWATER VEHICLE. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007 , 40, 72-77		
45	A QUANTISED STATE SYSTEMS APPROACH FOR JACOBIAN FREE EXTENDED KALMAN FILTERING. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007 , 40, 469-474		2
44	Estimation of effective wind speed. <i>Journal of Physics: Conference Series</i> , 2007 , 75, 012082	0.3	89
43	. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	6
42	Computing Decoupled Residuals for Compact Disc Players 2007 , 1009-1014		
41	Wavelet Packet Based Detection of Surface Faults on Compact Discs 2007 , 1103-1108		0
40	Active Fault Diagnosis by Temporary Destabilization 2007 , 563-568		1
39	Model Predictive Control of the Hybrid Ventilation for Livestock 2006 ,		2
38	Gain Scheduling of Observer-Based Controllers with Integral Action 2006 ,		4
37	. <i>IEEE Transactions on Control Systems Technology</i> , 2006 , 14, 189-203	4.8	12
36	Feature-based handling of surface faults in compact disc players. <i>Control Engineering Practice</i> , 2006 , 14, 1495-1509	3.9	9
35	An architecture for fault tolerant controllers. <i>International Journal of Control</i> , 2005 , 78, 1091-1110	1.5	50
34	Bumpless transfer between observer-based gain scheduled controllers. <i>International Journal of Control</i> , 2005 , 78, 491-504	1.5	32
33	Passive fault tolerant control of a double inverted pendulum case study. <i>Control Engineering Practice</i> , 2005 , 13, 1047-1059	3.9	100

32	Periodic H ₂ Synthesis for Spacecraft Attitude Control with Magnetorquers. <i>Journal of Guidance, Control, and Dynamics</i> , 2004 , 27, 874-881	2.1	17
31	Dynamic modeling of renal blood flow in Dahl hypertensive and normotensive rats. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 689-97	5	7
30	Switching between multivariable controllers. <i>Optimal Control Applications and Methods</i> , 2004 , 25, 51-66	1.7	33
29	Fault tolerant control: a simultaneous stabilization result. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 305-310	5.9	64
28	Passive Fault Tolerant Control of a Double Inverted Pendulum - A Case Study Example. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2003 , 36, 927-932		
27	Control methods utilizing energy optimizing schemes in refrigeration systems 2003 ,		3
26	Fault estimation – standard problem approach. <i>International Journal of Robust and Nonlinear Control</i> , 2002 , 12, 649-673	3.6	58
25	DETECTION OF PARAMETRIC FAULTS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2002 , 35, 383-388		1
24	Fault tolerant feedback control using the Youla parameterization 2001 ,		10
23	Application of an H _∞ Based FDI and Control Scheme for the Three Tank System. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2000 , 33, 273-278		5
22	Average H_2 Performance and Maximal Parameter Perturbation Radius for Uncertain Systems. <i>SIAM Journal on Control and Optimization</i> , 1999 , 37, 1742-1750	1.9	0
21	Fault Detection and Isolation in Systems with Parametric Faults. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1999 , 32, 7820-7825		2
20	Multi objective design techniques applied to fault detection and isolation 1998 ,		2
19	Computation of the maximal robust H performance radius for uncertain discrete time systems with nonlinear parametric uncertainties. <i>International Journal of Control</i> , 1997 , 67, 33-44	1.5	5
18	Integrating Control and Fault Diagnosis: A Separation Result. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1997 , 30, 313-318		3
17	Multiobjective control for multivariable systems with mixed-sensitivity specifications. <i>International Journal of Control</i> , 1997 , 66, 225-244	1.5	8
16	Design of integrated systems for the control and detection of actuator/sensor faults. <i>Sensor Review</i> , 1997 , 17, 138-149	1.4	87
15	LTR design of discrete-time proportional-integral observers. <i>IEEE Transactions on Automatic Control</i> , 1996 , 41, 1056-1062	5.9	50

14	Improved recovery in H_2/LTR design. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1996 , 29, 1363-1368		
13	Loop Transfer Recovery for Sampled-Data Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1996 , 29, 1269-1274		
12	On gyroscopic stabilization. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 1995 , 46, 255-267	1.6	15
11	An introduction to the special issue on loop transfer recovery. <i>International Journal of Robust and Nonlinear Control</i> , 1995 , 5, 611-613	3.6	
10	LTR design of proportional-integral observers. <i>International Journal of Robust and Nonlinear Control</i> , 1995 , 5, 671-693	3.6	62
9	Generalized bound on quantum dynamics: Efficiency of unitary transformations between non-Hermitian states. <i>Physical Review Letters</i> , 1995 , 74, 2921-2924	7.4	39
8	Robust performance of systems with structured uncertainties in state space. <i>Automatica</i> , 1995 , 31, 249-255	5.7	62
7	The H_2 control problem using static output feedback. <i>International Journal of Robust and Nonlinear Control</i> , 1994 , 4, 449-455	3.6	16
6	The H_2 control problem: A state space approach. <i>Automatica</i> , 1993 , 29, 1149-1150	5.7	1
5	State-space solutions to the H_2/LTR design problem. <i>International Journal of Robust and Nonlinear Control</i> , 1993 , 3, 1-45	3.6	13
4	Loop transfer recovery for general observer architectures. <i>International Journal of Control</i> , 1991 , 53, 1177-1203	1.5	26
3	Multi-dimensional gain scheduling with application to power plant control		5
2	Adaptive Feature Based Control of Compact Disk Players		2
1	Using spread spectrum transform for fast and robust simultaneous measurement in active sensors with multiple emitters		2