

Jakob Stoustrup

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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	Fault-Tolerant Control of Wind Turbines: A Benchmark Model. <i>IEEE Transactions on Control Systems Technology</i> , 2013 , 21, 1168-1182	4.8	271
192	Robust and fault-tolerant linear parameter-varying control of wind turbines. <i>Mechatronics</i> , 2011 , 21, 645-659	3	158
191	Passive fault tolerant control of a double inverted pendulum case study. <i>Control Engineering Practice</i> , 2005 , 13, 1047-1059	3.9	100
190	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
189	Plug & Play Control: Control Technology Towards New Challenges. <i>European Journal of Control</i> , 2009 , 15, 311-330	2.5	91
188	Estimation of effective wind speed. <i>Journal of Physics: Conference Series</i> , 2007 , 75, 012082	0.3	89
187	Fault Tolerant Control of Wind Turbines a benchmark model. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 155-160		87
186	Design of integrated systems for the control and detection of actuator/sensor faults. <i>Sensor Review</i> , 1997 , 17, 138-149	1.4	87
185	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
184	Fault tolerant control: a simultaneous stabilization result. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 305-310	5.9	64
183	LTR design of proportional-integral observers. <i>International Journal of Robust and Nonlinear Control</i> , 1995 , 5, 671-693	3.6	62
182	Robust performance of systems with structured uncertainties in state space. <i>Automatica</i> , 1995 , 31, 249-255	3.55	62
181	Fault estimation a standard problem approach. <i>International Journal of Robust and Nonlinear Control</i> , 2002 , 12, 649-673	3.6	58
180	Active and passive fault-tolerant LPV control of wind turbines 2010 ,		57
179	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
178	Fault Detection of Wind Turbines with Uncertain Parameters: A Set-Membership Approach. <i>Energies</i> , 2012 , 5, 2424-2448	3.1	56
177	An architecture for fault tolerant controllers. <i>International Journal of Control</i> , 2005 , 78, 1091-1110	1.5	50

176	LTR design of discrete-time proportional-integral observers. <i>IEEE Transactions on Automatic Control</i> , 1996 , 41, 1056-1062	5.9	50
175	. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 2061-2071	10.7	49
174	Plug-and-Play Control/Modifying Control Systems Online. <i>IEEE Transactions on Control Systems Technology</i> , 2013 , 21, 79-93	4.8	47
173	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
172	Unknown input observer based detection of sensor faults in a wind turbine 2010 ,		39
171	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
170	Value of flexible consumption in the electricity markets. <i>Energy</i> , 2014 , 66, 354-362	7.9	34
169	Switching between multivariable controllers. <i>Optimal Control Applications and Methods</i> , 2004 , 25, 51-66	1.7	33
168	. <i>IEEE Transactions on Control Systems Technology</i> , 2015 , 23, 245-263	4.8	32
167	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
166	Bumpless transfer between observer-based gain scheduled controllers. <i>International Journal of Control</i> , 2005 , 78, 491-504	1.5	32
165	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
164	Modeling Supermarket Refrigeration Systems for Demand-Side Management. <i>Energies</i> , 2013 , 6, 900-920	3.1	29
163	Integration of flexible consumers in the ancillary service markets. <i>Energy</i> , 2014 , 67, 479-489	7.9	27
162	2013 ,		26
161	Loop transfer recovery for general observer architectures. <i>International Journal of Control</i> , 1991 , 53, 1177-1203	1.5	26
160	Heuristic Optimization for the Discrete Virtual Power Plant Dispatch Problem. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 2910-2918	10.7	22
159	Improved DC-Link Voltage Regulation Strategy for Grid-Connected Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 4977-4987	8.9	22

158	An analytical solution for stability-performance dilemma of hydronic radiators. <i>Energy and Buildings</i> , 2013 , 64, 439-446	7	19
157	Active fault diagnosis by controller modification. <i>International Journal of Systems Science</i> , 2010 , 41, 925-936		19
156	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
155	Robust LMI-based control of wind turbines with parametric uncertainties 2009 ,		19
154	Fault tolerant wind farm control A benchmark model 2013 ,		18
153	Repetitive model predictive approach to individual pitch control of wind turbines 2011 ,		18
152	Results of a Wind Turbine FDI Competition. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 102-107		18
151	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
150	Gear-box fault detection using time-frequency based methods. <i>Annual Reviews in Control</i> , 2015 , 40, 50-58	0.3	17
149	Exact power constraints in smart grid control 2011 ,		17
148	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
147	The H _∞ control problem using static output feedback. <i>International Journal of Robust and Nonlinear Control</i> , 1994 , 4, 449-455	3.6	16
146	On gyroscopic stabilization. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 1995 , 46, 255-267	1.6	15
145	Distributed flexibility characterization and resource allocation for multi-zone commercial buildings in the smart grid 2015 ,		14
144	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
143	Direct control implementation of a refrigeration system in smart grid 2013 ,		14
142	2012 ,		14
141	An interaction measure for control configuration selection for multivariable bilinear systems. <i>Nonlinear Dynamics</i> , 2013 , 72, 165-174	5	13

140	2011,		13
139	State-space solutions to the H _∞ LTR design problem. <i>International Journal of Robust and Nonlinear Control</i> , 1993 , 3, 1-45	3.6	13
138	Aggregation and Control of Flexible Consumers [A Real Life Demonstration. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 9950-9955		12
137	2013,		12
136	Hierarchical model predictive control for resource distribution 2010,		12
135	. <i>IEEE Transactions on Control Systems Technology</i> , 2006 , 14, 189-203	4.8	12
134	Adaptive MPC for a reefer container. <i>Control Engineering Practice</i> , 2015 , 44, 55-64	3.9	11
133	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
132	Integration of heterogeneous industrial consumers to provide regulating power to the smart grid 2013,		11
131	Wind turbine pitch optimization 2011,		11
130	Thermal analysis of an HVAC system with TRV controlled hydronic radiator 2010,		11
129	Distributed coordination of energy storage with distributed generators 2016,		11
128	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
127	Reduced-order LPV model of flexible wind turbines from high fidelity aeroelastic codes 2013,		10
126	Robust Aggregator Design for Industrial Thermal Energy Storages in Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2015 , 1-15	10.7	10
125	Optimal dispatch strategy for the Agile Virtual Power Plant 2012,		10
124	Fault tolerant feedback control using the Youla parameterization 2001,		10
123	Modular modeling of a refrigeration container. <i>International Journal of Refrigeration</i> , 2015 , 55, 17-29	3.8	9

122	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
121	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
120	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
119	Electricity market optimization of heat pump portfolio 2013 ,		9
118	A Youla-Kucera approach to gain-scheduling with application to wind turbine control 2009 ,		9
117	Optimal switching control of burner setting for a compact marine boiler design. <i>Control Engineering Practice</i> , 2010 , 18, 665-675	3.9	9
116	Optimal model-based control in HVAC systems 2008 ,		9
115	Feature-based handling of surface faults in compact disc players. <i>Control Engineering Practice</i> , 2006 , 14, 1495-1509	3.9	9
114	Information modeling for direct control of distributed energy resources 2013 ,		8
113	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
112	Robust Structured Control Design via LMI Optimization. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 7933-7938		8
111	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
110	Multiobjective control for multivariable systems with mixed-sensitivity specifications. <i>International Journal of Control</i> , 1997 , 66, 225-244	1.5	8
109	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
108	Controller modification applied for active fault detection 2014 ,		7
107	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
106	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
105	Structured control of affine linear parameter varying systems 2011 ,		7

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	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
102	A parameterization of observer-based controllers: Bumpless transfer by covariance interpolation 2009 ,		6
101	Stable Controller Reconfiguration through Terminal Connections. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 331-335		6
100	. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	6
99	A decentralized control method for direct smart grid control of refrigeration systems 2013 ,		5
98	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
97	Adaptive control algorithm for improving power capture of wind turbines in turbulent winds 2012 ,		5
96	Structured Linear Parameter Varying Control of Wind Turbines 2012 , 303-337		5
95	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
94	Control of systems with costs related to switching: applications to air-condition systems 2009 ,		5
93	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
92	Multi-dimensional gain scheduling with application to power plant control		5
91	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
90	Lumped thermal household model 2013 ,		4
89	A learning based precool algorithm for utilization of foodstuff as thermal energy storage 2013 ,		4
88	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
87	Model predictive control for flexible power consumption of large-scale refrigeration systems 2014 ,		4

86	Hierarchical Control for Smart Grids. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 6130-6135		4
85	Fault isolation in parallel coupled wind turbine converters 2010 ,		4
84	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
83	Structured control of LPV systems with application to wind turbines 2012 ,		4
82	Single temperature sensor based evaporator filling control using excitation signal harmonics 2012 ,		4
81	Control configuration selection for multivariable descriptor systems 2012 ,		4
80	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
79	Robustness Issues in Fault Diagnosis and Fault Tolerant Control. <i>Journal of Control Science and Engineering</i> , 2008 , 2008, 1-2	1.2	4
78	Gain Scheduling of Observer-Based Controllers with Integral Action 2006 ,		4
77	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
76	Modeling and control of a single-phase marine cooling system. <i>Control Engineering Practice</i> , 2013 , 21, 1726-1734	3.9	3
75	Set-membership state estimation for discrete time piecewise affine systems using zonotopes 2013 ,		3
74	An evaluation of fault tolerant wind turbine control schemes applied to a benchmark model 2014 ,		3
73	Adjustable consumption participating in the electricity markets 2013 ,		3
72	Simplified optimal control in HVAC systems 2009 ,		3
71	Integrating Control and Fault Diagnosis: A Separation Result. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1997 , 30, 313-318		3
70	Parametric fault estimation based on H ₂ optimization in a satellite launch vehicle 2008 ,		3
69	On the trade-off between energy consumption and food quality loss in supermarket refrigeration systems 2008 ,		3

68	Control methods utilizing energy optimizing schemes in refrigeration systems 2003 ,		3
67	A supervisory control approach in economic MPC design for refrigeration systems 2013 ,		3
66	Predictive Smart Grid Control with Exact Aggregated Power Constraints. <i>Power Systems</i> , 2012 , 655-674	0.4	3
65	Coordinated Control of PV Inverters in Distribution Grid Using Local and Centralized Control 2020 ,		2
64	The 15th European Control Conference (ECC16) [Conference Reports]. <i>IEEE Control Systems</i> , 2016 , 36, 112-115	2.9	2
63	Sliding Mode Control With Grid Voltage Modulated Direct Power Control for Three-Phase AC-DC Converter 2019 ,		2
62	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
61	Frequency Based Fault Detection in Wind Turbines. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 5832-5837		2
60	Successful industry/academia cooperation: From simple via complex to lucid solutions. <i>European Journal of Control</i> , 2013 , 19, 358-368	2.5	2
59	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
58	The value of flexibility in the distribution grid 2014 ,		2
57	Utilization of excitation signal harmonics for control of nonlinear systems 2012 ,		2
56	Control structures for Smart Grid balancing 2013 ,		2
55	Predictive control of demand side units participating in the primary frequency reserve market 2013 ,		2
54	Modeling supermarket refrigeration systems for supervisory control in smart grid 2013 ,		2
53	Eliminating oscillations in TRV-controlled hydronic radiators 2011 ,		2
52	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
51	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

50	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
49	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
48	Model Predictive Control of Thermal Comfort and Indoor Air Quality in livestock stable 2007 ,		2
47	Model Predictive Control of the Hybrid Ventilation for Livestock 2006 ,		2
46	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
45	Adaptive Feature Based Control of Compact Disk Players		2
44	Using spread spectrum transform for fast and robust simultaneous measurement in active sensors with multiple emitters		2
43	Multi objective design techniques applied to fault detection and isolation 1998 ,		2
42	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
41	Model based Plug and Play Process Control of a supermarket refrigeration system: A heuristic approach 2009 ,		2
40	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
39	Energy Flexibility for Systems with large Thermal Masses with Applications to Shopping Centers 2018 ,		2
38	Multi-Zone Modeling and Energy Efficient Control of Shopping Center Cooling 2018 ,		2
37	Guest Editorial Special Section on Control Theory and Technology. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 2031-2032	10.7	1
36	An Industrial Model Based Disturbance Feedback Control Scheme. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 146-151		1
35	Model predictive control for a thermostatic controlled system 2013 ,		1
34	Modular simulation of reefer container dynamics. <i>Simulation</i> , 2014 , 90, 249-264	1.2	1
33	Model predictive control for integration of industrial consumers to the smart grid under a direct control policy 2013 ,		1

32	High level model predictive control for plug-and-play process control with stability guaranty 2010 ,		1
31	Stability performance dilemma in hydronic radiators with TRV 2011 ,		1
30	Control of non-linear marine cooling system 2011 ,		1
29	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
28	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
27	Minimizing quality deteriorations of refrigerated foodstuffs as a side effect of defrosting 2008 ,		1
26	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
25	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
24	A novel method for control of systems with costs related to switching: Applications to air-condition systems 2009 ,		1
23	Detection of Surface Defects on Compact Discs. <i>Journal of Control Science and Engineering</i> , 2007 , 2007, 1-10	1.2	1
22	DETECTION OF PARAMETRIC FAULTS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2002 , 35, 383-388		1
21	The H ₂ control problem: A state space approach. <i>Automatica</i> , 1993 , 29, 1149-1150	5.7	1
20	Active Fault Diagnosis by Temporary Destabilization 2007 , 563-568		1
19	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
18	Nonlinear Model Predictive Control for Energy Efficient Cooling in Shopping Center HVAC 2019 ,		1
17	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
16	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
15	Accommodation of Repetitive Sensor Faults Applied to Surface Faults on Compact Discs. <i>IEEE Transactions on Control Systems Technology</i> , 2008 , 16, 348-355	4.8	0

14	boldmath Average \mathcal{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	○
13	Wavelet Packet Based Detection of Surface Faults on Compact Discs 2007 , 1103-1108		○
12	Virtual refrigerant charge sensor for booster refrigeration systems. <i>International Journal of Refrigeration</i> , 2021 , 122, 59-68	3.8	○
11	Fault Isolation in MIMO Systems Based on Active Decoupling 2020 , 1-1		
10	AAU-BOT1: a platform for studying dynamic, life-like walking. <i>Applied Bionics and Biomechanics</i> , 2009 , 6, 285-299	1.6	
9	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		
8	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		
7	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	
6	Improved recovery in H_∞/LTR design. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1996 , 29, 1363-1368		
5	Loop Transfer Recovery for Sampled-Data Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1996 , 29, 1269-1274		
4	Computing Decoupled Residuals for Compact Disc Players 2007 , 1009-1014		
3	Low-Complexity Hierarchical Control for Distributed Shopping Center HVAC. <i>IFAC-PapersOnLine</i> , 2020 , 53, 6597-6603	0.7	
2	Distributed Control of Power Grids. <i>Power Electronics and Power Systems</i> , 2019 , 85-98	0.3	
1	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	