

# Jakob Stoustrup

## List of Publications by Year in descending order

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210  
papers

4,371  
citations

136740

32  
h-index

149479

56  
g-index

213  
all docs

213  
docs citations

213  
times ranked

2590  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault-Tolerant Control of Wind Turbines: A Benchmark Model. IEEE Transactions on Control Systems Technology, 2013, 21, 1168-1182.	3.2	401
2	Robust and fault-tolerant linear parameter-varying control of wind turbines. Mechatronics, 2011, 21, 645-659.	2.0	181
3	Fault Tolerant Control of Wind Turbines – a benchmark model. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 155-160.	0.4	154
4	Estimation of effective wind speed. Journal of Physics: Conference Series, 2007, 75, 012082.	0.3	138
5	Passive fault tolerant control of a double inverted pendulum – a case study. Control Engineering Practice, 2005, 13, 1047-1059.	3.2	132
6	Plug & Play Control: Control Technology Towards New Challenges. European Journal of Control, 2009, 15, 311-330.	1.6	129
7	Design of integrated systems for the control and detection of actuator/sensor faults. Sensor Review, 1997, 17, 138-149.	1.0	108
8	Linear parameter varying control of wind turbines covering both partial load and full load conditions. International Journal of Robust and Nonlinear Control, 2009, 19, 92-116.	2.1	107
9	Fault Tolerant Control: A Simultaneous Stabilization Result. IEEE Transactions on Automatic Control, 2004, 49, 305-310.	3.6	103
10	Robust performance of systems with structured uncertainties in state space. Automatica, 1995, 31, 249-255.	3.0	94
11	A Benchmark Evaluation of Fault Tolerant Wind Turbine Control Concepts. IEEE Transactions on Control Systems Technology, 2015, 23, 1221-1228.	3.2	89
12	LTR design of proportional-integral observers. International Journal of Robust and Nonlinear Control, 1995, 5, 671-693.	2.1	79
13	Fault estimation – a standard problem approach. International Journal of Robust and Nonlinear Control, 2002, 12, 649-673.	2.1	74
14	An architecture for fault tolerant controllers. International Journal of Control, 2005, 78, 1091-1110.	1.2	72
15	Active and passive fault-tolerant LPV control of wind turbines. , 2010, , .		70
16	Primary Control by ON/OFF Demand-Side Devices. IEEE Transactions on Smart Grid, 2013, 4, 2061-2071.	6.2	70
17	LTR design of discrete-time proportional-integral observers. IEEE Transactions on Automatic Control, 1996, 41, 1056-1062.	3.6	68
18	Fault Detection of Wind Turbines with Uncertain Parameters: A Set-Membership Approach. Energies, 2012, 5, 2424-2448.	1.6	67

#	ARTICLE	IF	CITATIONS
19	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.	5.1	65
20	Distributed Optimal Coordination for Distributed Energy Resources in Power Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2017, 14, 414-424.	3.4	64
21	Plug-and-Play Control Modifying Control Systems Online. <i>IEEE Transactions on Control Systems Technology</i> , 2013, 21, 79-93.	3.2	62
22	Improved DC-Link Voltage Regulation Strategy for Grid-Connected Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 4977-4987.	5.2	55
23	Unknown input observer based detection of sensor faults in a wind turbine. , 2010, , .		51
24	Congestion Management in a Smart Grid via Shadow Prices. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 518-523.	0.4	51
25	Value of flexible consumption in the electricity markets. <i>Energy</i> , 2014, 66, 354-362.	4.5	46
26	Generalized Bound on Quantum Dynamics: Efficiency of Unitary Transformations between Non-Hermitian States. <i>Physical Review Letters</i> , 1995, 74, 2921-2924.	2.9	42
27	Switching between multivariable controllers. <i>Optimal Control Applications and Methods</i> , 2004, 25, 51-66.	1.3	42
28	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.	0.4	41
29	Modeling Supermarket Refrigeration Systems for Demand-Side Management. <i>Energies</i> , 2013, 6, 900-920.	1.6	41
30	Loop transfer recovery for general observer architectures. <i>International Journal of Control</i> , 1991, 53, 1177-1203.	1.2	40
31	Integration of flexible consumers in the ancillary service markets. <i>Energy</i> , 2014, 67, 479-489.	4.5	40
32	Bumpless transfer between observer-based gain scheduled controllers. <i>International Journal of Control</i> , 2005, 78, 491-504.	1.2	39
33	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.	2.1	37
34	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.	0.4	36
35	Distributed low-complexity controller for wind power plant in derated operation. , 2013, , .		35
36	A Set-Valued Approach to FDI and FTC of Wind Turbines. <i>IEEE Transactions on Control Systems Technology</i> , 2015, 23, 245-263.	3.2	35

#	ARTICLE	IF	CITATIONS
37	Heuristic Optimization for the Discrete Virtual Power Plant Dispatch Problem. IEEE Transactions on Smart Grid, 2014, 5, 2910-2918.	6.2	32
38	Passive Fault Tolerant Control of a Double Inverted Pendulum - A Case Study Example. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 927-932.	0.4	30
39	Results of a Wind Turbine FDI Competition. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 102-107.	0.4	30
40	Fault tolerant wind farm control &#x2014; A benchmark model. , 2013, , .		30
41	Robust LMI-based control of wind turbines with parametric uncertainties. , 2009, , .		26
42	Repetitive model predictive approach to individual pitch control of wind turbines. , 2011, , .		25
43	Gear-box fault detection using time-frequency based methods. Annual Reviews in Control, 2015, 40, 50-58.	4.4	25
44	Active fault diagnosis by controller modification. International Journal of Systems Science, 2010, 41, 925-936.	3.7	24
45	Exact power constraints in smart grid control. , 2011, , .		24
46	An analytical solution for stability-performance dilemma of hydronic radiators. Energy and Buildings, 2013, 64, 439-446.	3.1	24
47	Periodic H2 Synthesis for Spacecraft Attitude Control with Magnetorquers. Journal of Guidance, Control, and Dynamics, 2004, 27, 874-881.	1.6	23
48	The $H_{\infty}$ control problem using static output feedback. International Journal of Robust and Nonlinear Control, 1994, 4, 449-455.	2.1	22
49	Contribution of domestic heating systems to smart grid control. , 2011, , .		22
50	On gyroscopic stabilization. Zeitschrift Fur Angewandte Mathematik Und Physik, 1995, 46, 255-267.	0.7	20
51	Economic COP optimization of a heat pump with hierarchical model predictive control. , 2012, , .		20
52	Single temperature sensor superheat control using a novel maximum slope-seeking method. International Journal of Refrigeration, 2013, 36, 1118-1129.	1.8	20
53	Aggregation and Control of Flexible Consumers â€“ A Real Life Demonstration. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 9950-9955.	0.4	20
54	Smart grid dispatch strategy for ON/OFF demand-side devices. , 2013, , .		19

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55	Fault tolerant feedback control using the Youla parameterization. , 2001, , .		18
56	Hierarchical model predictive control for resource distribution. , 2010, , .		18
57	Wind turbine pitch optimization. , 2011, , .		18
58	Reduced-order LPV model of flexible wind turbines from high fidelity aeroelastic codes. , 2013, , .		18
59	An interaction measure for control configuration selection for multivariable bilinear systems. Nonlinear Dynamics, 2013, 72, 165-174.	2.7	17
60	Direct control implementation of a refrigeration system in smart grid. , 2013, , .		17
61	Aggregation and Control of Supermarket Refrigeration Systems in a Smart Grid. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 9942-9949.	0.4	17
62	Distributed coordination of energy storage with distributed generators. , 2016, , .		17
63	State-space solutions to the $H_2/H_\infty$ /LTR design problem. International Journal of Robust and Nonlinear Control, 1993, 3, 1-45.	2.1	16
64	Distributed flexibility characterization and resource allocation for multi-zone commercial buildings in the smart grid. , 2015, , .		16
65	Sustainable Reserve Power From Demand Response and Fluctuating Production—Two Danish Demonstrations. Proceedings of the IEEE, 2016, 104, 780-788.	16.4	16
66	Gain-scheduled Linear Quadratic Control of Wind Turbines Operating at High Wind Speed. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	15
67	Thermal analysis of an HVAC system with TRV controlled hydronic radiator. , 2010, , .		15
68	Electricity market optimization of heat pump portfolio. , 2013, , .		15
69	A Dynamic Market Mechanism for Markets with Shiftable Demand Response. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 1873-1878.	0.4	15
70	Adaptive MPC for a reefer container. Control Engineering Practice, 2015, 44, 55-64.	3.2	15
71	Detection of surface defects and servo signal restoration for a compact disc player. IEEE Transactions on Control Systems Technology, 2006, 14, 189-203.	3.2	14
72	Structured control of affine linear parameter varying systems. , 2011, , .		14

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73	Modular modeling of a refrigeration container. International Journal of Refrigeration, 2015, 55, 17-29.	1.8	14
74	Improving Demand Response Potential of a Supermarket Refrigeration System: A Food Temperature Estimation Approach. IEEE Transactions on Control Systems Technology, 2017, 25, 855-863.	3.2	14
75	Evaluation of Aggregators for Integration of Large-scale Consumers in Smart Grid. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 1879-1885.	0.4	13
76	Exploiting Power-to-Heat Assets in District Heating Networks to Regulate Electric Power Network. IEEE Transactions on Smart Grid, 2021, 12, 2048-2059.	6.2	13
77	Stable Controller Reconfiguration through Terminal Connections. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 331-335.	0.4	12
78	Optimal switching control of burner setting for a compact marine boiler design. Control Engineering Practice, 2010, 18, 665-675.	3.2	12
79	Modeling of Nonlinear Marine Cooling Systems with Closed Circuit Flow. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 5537-5542.	0.4	12
80	Information modeling for direct control of distributed energy resources. , 2013, , .		12
81	A supervisory control approach in economic MPC design for refrigeration systems. , 2013, , .		12
82	Multi-dimensional gain scheduling with application to power plant control. , 0, , .		11
83	Optimal Set-point Synthesis in HVAC Systems. Proceedings of the American Control Conference, 2007, , .	0.0	11
84	Optimal model-based control in HVAC systems. , 2008, , .		11
85	A Youla-Kucera approach to gain-scheduling with application to wind turbine control. , 2009, , .		11
86	Optimal dispatch strategy for the Agile Virtual Power Plant. , 2012, , .		11
87	A Set-Valued Approach to FDI and FTC: Theory and Implementation Issues. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 1281-1286.	0.4	11
88	Integration of heterogeneous industrial consumers to provide regulating power to the smart grid. , 2013, , .		11
89	Robust Aggregator Design for Industrial Thermal Energy Storages in Smart Grid. IEEE Transactions on Smart Grid, 2015, , 1-15.	6.2	11
90	Dynamic Modeling of Renal Blood Flow in Dahl Hypertensive and Normotensive Rats. IEEE Transactions on Biomedical Engineering, 2004, 51, 689-697.	2.5	10

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91	Estimation of Uncertainty Bounds for the Future Performance of a Power Plant. IEEE Transactions on Control Systems Technology, 2009, 17, 199-206.	3.2	10
92	Robust Structured Control Design via LMI Optimization. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 7933-7938.	0.4	10
93	Structured control of LPV systems with application to wind turbines. , 2012, , .		10
94	Control configuration selection for multivariable descriptor systems. , 2012, , .		10
95	Evaporator unit as a benchmark for Plug and Play and fault tolerant control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 701-706.	0.4	10
96	Control reconfiguration of LPV systems using virtual sensor and actuator. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 818-823.	0.4	10
97	Controller modification applied for active fault detection. , 2014, , .		10
98	Fault Detection and Load Distribution for the Wind Farm Challenge. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 4316-4321.	0.4	10
99	Learning-Based Precool Algorithms for Exploiting Foodstuff as Thermal Energy Reserve. IEEE Transactions on Control Systems Technology, 2015, 23, 557-569.	3.2	10
100	Multiobjective control for multivariable systems with mixed-sensitivity specifications. International Journal of Control, 1997, 66, 225-244.	1.2	9
101	Application of an $H_{\infty}$ Based FDI and Control Scheme for the Three Tank System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 273-278.	0.4	9
102	Feature-based handling of surface faults in compact disc players. Control Engineering Practice, 2006, 14, 1495-1509.	3.2	9
103	Control of systems with costs related to switching: applications to air-condition systems. , 2009, , .		9
104	Adaptive control algorithm for improving power capture of wind turbines in turbulent winds. , 2012, , .		9
105	Gain Scheduling of Observer-Based Controllers with Integral Action. , 2006, , .		8
106	Towards Automatic Model Based Controller Design for Reconfigurable Plants. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 342-346.	0.4	8
107	A parameterization of observer-based controllers: Bumpless transfer by covariance interpolation. , 2009, , .		8
108	Structured Linear Parameter Varying Control of Wind Turbines. , 2012, , 303-337.		8

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109	Integrating Control and Fault Diagnosis: A Separation Result. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 313-318.	0.4	7
110	Control methods utilizing energy optimizing schemes in refrigeration systems. , 2003, , .		7
111	Plug-and-Play Process Control: Improving Control Performance through Sensor Addition and Pre-filtering. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 336-341.	0.4	7
112	Simplified optimal control in HVAC systems. , 2009, , .		7
113	Optimal Power Consumption in a Central Heating System with Geothermal Heat Pump. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 3102-3107.	0.4	7
114	Hierarchical Control for Smart Grids. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 6130-6135.	0.4	7
115	Linear matrix inequalities for analysis and control of linear vector second-order systems. International Journal of Robust and Nonlinear Control, 2015, 25, 2939-2964.	2.1	7
116	Coordinated Control of PV Inverters in Distribution Grid Using Local and Centralized Control. , 2020, , .		7
117	Fault Detection and Isolation in Systems with Parametric Faults. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 7820-7825.	0.4	6
118	Robustness Issues in Fault Diagnosis and Fault Tolerant Control. Journal of Control Science and Engineering, 2008, 2008, 1-2.	0.8	6
119	Fault isolation in parallel coupled wind turbine converters. , 2010, , .		6
120	Single temperature sensor based evaporator filling control using excitation signal harmonics. , 2012, , .		6
121	Modeling and control of a single-phase marine cooling system. Control Engineering Practice, 2013, 21, 1726-1734.	3.2	6
122	Set-membership state estimation for discrete time piecewise affine systems using zonotopes. , 2013, , .		6
123	Model predictive control for flexible power consumption of large-scale refrigeration systems. , 2014, , .		6
124	Computation of the maximal robust H performance radius for uncertain discrete time systems with nonlinear parametric uncertainties. International Journal of Control, 1997, 67, 33-44.	1.2	5
125	Hybrid Model Predictive Control Applied to Switching Control of Burner Load for a Compact Marine Boiler Design. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 10626-10633.	0.4	5
126	AN OBSERVER PARAMETERIZATION APPROACH TO ACTIVE FAULT DIAGNOSIS WITH APPLICATIONS TO A DRAG RACING VEHICLE. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 591-596.	0.4	5



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127	Eliminating oscillations in TRV-controlled hydronic radiators. , 2011, , .		5
128	A decentralized control method for direct smart grid control of refrigeration systems. , 2013, , .		5
129	Adjustable consumption participating in the electricity markets. , 2013, , .		5
130	Modeling supermarket refrigeration systems for supervisory control in smart grid. , 2013, , .		5
131	Model predictive control for a thermostatic controlled system. , 2013, , .		5
132	The value of flexibility in the distribution grid. , 2014, , .		5
133	Frequency Based Fault Detection in Wind Turbines. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 5832-5837.	0.4	5
134	Virtual refrigerant charge sensor for booster refrigeration systems. International Journal of Refrigeration, 2021, 122, 59-68.	1.8	5
135	Model Predictive Control of the Hybrid Ventilation for Livestock. , 2006, , .		4
136	Parametric fault estimation based on H <sub>2</sub> optimization in a satellite launch vehicle. , 2008, , .		4
137	On the trade-off between energy consumption and food quality loss in supermarket refrigeration systems. , 2008, , .		4
138	Closed-loop system identification with new sensors. , 2008, , .		4
139	Rate bounded linear parameter varying control of a wind turbine in full load operation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 5593-5598.	0.4	4
140	Model-Based Fault Detection and Isolation of a Liquid-Cooled Frequency Converter on a Wind Turbine. Journal of Control Science and Engineering, 2012, 2012, 1-21.	0.8	4
141	Fault Tolerant Wind Speed Estimator used in Wind Turbine Controllers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 331-336.	0.4	4
142	Lumped thermal household model. , 2013, , .		4
143	A learning based precool algorithm for utilization of foodstuff as thermal energy storage. , 2013, , .		4
144	Successful industry/academia cooperation: From simple via complex to lucid solutions. European Journal of Control, 2013, 19, 358-368.	1.6	4

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145	An evaluation of fault tolerant wind turbine control schemes applied to a benchmark model. , 2014, , .		4
146	Sliding Mode Control With Grid Voltage Modulated Direct Power Control for Three-Phase AC-DC Converter. , 2019, , .		4
147	Multi objective design techniques applied to fault detection and isolation. , 1998, , .		3
148	Using spread spectrum transform for fast and robust simultaneous measurement in active sensors with multiple emitters. , 0, , .		3
149	DETECTION OF PARAMETRIC FAULTS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 383-388.	0.4	3
150	Adaptive Feature Based Control of Compact Disk Players. , 0, , .		3
151	Accommodation of Repetitive Sensor Faults Applied to Surface Faults on Compact Discs. IEEE Transactions on Control Systems Technology, 2008, 16, 348-355.	3.2	3
152	A novel method for control of systems with costs related to switching: Applications to air-condition systems. , 2009, , .		3
153	Stability performance dilemma in hydronic radiators with TRV. , 2011, , .		3
154	A Fault-Tolerant Control Architecture for Different Battery Topologies in Electrified Vehicles. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 582-587.	0.4	3
155	Utilization of excitation signal harmonics for control of nonlinear systems. , 2012, , .		3
156	Predictive control of demand side units participating in the primary frequency reserve market. , 2013, , .		3
157	Karhunen Loeve basis used for Detection of Gearbox Faults in a Wind Turbine. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 8891-8896.	0.4	3
158	An Industrial Model Based Disturbance Feedback Control Scheme. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 146-151.	0.4	3
159	Stability of linear systems in second-order form based on structure preserving similarity transformations. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 2909-2919.	0.7	3
160	Nonlinear Model Predictive Control for Energy Efficient Cooling in Shopping Center HVAC. , 2019, , .		3
161	Unknown Input Observer Based Estimation of Wind Speed for Wind Turbines Control. , 2011, , .		3
162	Model based Plug and Play Process Control of a supermarket refrigeration system: A heuristic approach. , 2009, , .		3

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163	Hierarchical Model Predictive Control for Plug-and-Play Resource Distribution. Lecture Notes in Control and Information Sciences, 2012, , 339-358.	0.6	3
164	General Conditions for Loop Transfer Recovery. , 1991, , .		3
165	An H-infinity/LTR method for robust controller design. , 1991, , .		2
166	The $H_\infty$ control problem: A state space approach. Automatica, 1993, 29, 1149-1150.	3.0	2
167	A QUANTISED STATE SYSTEMS APPROACH FOR JACOBIAN FREE EXTENDED KALMAN FILTERING. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 469-474.	0.4	2
168	Model Predictive Control of Thermal Comfort and Indoor Air Quality in livestock stable. , 2007, , .		2
169	High level model predictive control for plug-and-play process control with stability guaranty. , 2010, , .		2
170	Orthogonal Bases used for Feed Forward Control of Wind Turbines. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 532-537.	0.4	2
171	Robust Nonlinear Control Design with Application to a Marine Cooling System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 387-392.	0.4	2
172	$H_\infty / H_2$ Model Reduction Through Dilated Linear Matrix Inequalities. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 728-733.	0.4	2
173	Model predictive control for integration of industrial consumers to the smart grid under a direct control policy. , 2013, , .		2
174	Control structures for Smart Grid balancing. , 2013, , .		2
175	Guest Editorial Special Section on Control Theory and Technology. IEEE Transactions on Smart Grid, 2014, 5, 2031-2032.	6.2	2
176	The 15th European Control Conference (ECC16) [Conference Reports]. IEEE Control Systems, 2016, 36, 112-115.	1.0	2
177	Energy Flexibility for Systems with large Thermal Masses with Applications to Shopping Centers. , 2018, , .		2
178	Multi-Zone Modeling and Energy Efficient Control of Shopping Center Cooling. , 2018, , .		2
179	Gain-scheduled Linear Quadratic Control of Wind Turbines Operating at High Wind Speed. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	2
180	oldmath Average $\ H_2\ $ Performance and Maximal Parameter Perturbation Radius for Uncertain Systems. SIAM Journal on Control and Optimization, 1999, 37, 1742-1750.	1.1	1

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181	A Quantized State Approach to On-line Simulation for Spacecraft Autonomy. , 2006, , .		1
182	Using reference trajectories for predicting uncertain systems exemplified for a power plant. Proceedings of the American Control Conference, 2007, , .	0.0	1
183	Detection of Surface Defects on Compact Discs. Journal of Control Science and Engineering, 2007, 2007, 1-10.	0.8	1
184	OBJECTIVE DIRECTED CONTROL USING LOCAL MINIMISATION FOR AN AUTONOMOUS UNDERWATER VEHICLE. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 72-77.	0.4	1
185	Minimizing quality deteriorations of refrigerated foodstuffs as a side effect of defrosting. , 2008, , .		1
186	Moving Horizon Control and Estimation of Livestock Ventilation Systems and Indoor Climate. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 6039-6044.	0.4	1
187	A sensor fusion approach for exploiting new measurements in an existing controller. , 2009, , .		1
188	Control of non-linear marine cooling system. , 2011, , .		1
189	Technical Committee on Smart Grids [Technical Committee Activities]. IEEE Control Systems, 2013, 33, 19-21.	1.0	1
190	Modular simulation of reefer container dynamics. Simulation, 2014, 90, 249-264.	1.1	1
191	Power balancing aggregator design for industrial consumers using direct control. , 2015, , .		1
192	Wavelet Packet Based Detection of Surface Faults on Compact Discs. , 2007, , 1103-1108.		1
193	Active Fault Diagnosis by Temporary Destabilization. , 2007, , 563-568.		1
194	An introduction to the special issue on loop transfer recovery. International Journal of Robust and Nonlinear Control, 1995, 5, 611-613.	2.1	0
195	Improved recovery in $H^\infty$ /LTR design. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1996, 29, 1363-1368.	0.4	0
196	Loop Transfer Recovery for Sampled-Data Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1996, 29, 1269-1274.	0.4	0
197	Stability of Closed Loop Controlled Repetitive Periodic System applied to control of CD-Players. , 0, , .		0
198	Application of an Autocovariance Least - Squares Method for Model Predictive Control of Hybrid Ventilation in Livestock Stables. Proceedings of the American Control Conference, 2007, , .	0.0	0

#	ARTICLE	IF	CITATIONS
199	Preventing control constraint violations by use of energy balances for a class of coupled systems: Applied to a power plant. , 2007, , .		0
200	Modular modelling and simulation approach - applied to refrigeration systems. , 2008, , .		0
201	AAU-BOT1: a platform for studying dynamic, life-like walking. Applied Bionics and Biomechanics, 2009, 6, 285-299.	0.5	0
202	Control of delay dominant systems with costs related to switching. , 2010, , .		0
203	A fault tolerant superheat control strategy for supermarket refrigeration systems. , 2013, , .		0
204	Predicting Faults in Wind Turbines using SCADA Data. , 2013, , .		0
205	Closing a loop around a market mechanism using the transactive control and coordination framework. , 2016, , .		0
206	Technical Committee on Smart Grids [Technical Activities]. IEEE Control Systems, 2017, 37, 15-16.	1.0	0
207	Distributed Control of Power Grids. Power Electronics and Power Systems, 2019, , 85-98.	0.6	0
208	Fault Isolation in MIMO Systems based on Active Decoupling. , 2020, , 1-1.		0
209	Computing Decoupled Residuals for Compact Disc Players. , 2007, , 1009-1014.		0
210	Low-Complexity Hierarchical Control for Distributed Shopping Center HVAC. IFAC-PapersOnLine, 2020, 53, 6597-6603.	0.5	0