Colin N Jones

List of Publications by Citations

Source: https://exaly.com/author-pdf/1071735/colin-n-jones-publications-by-citations.pdf

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

177
papers

3,964
citations

h-index

58
g-index

190
ext. papers

4,901
ext. citations

4.1
avg, IF

L-index

#	Paper	IF	Citations
177	Use of model predictive control and weather forecasts for energy efficient building climate control. <i>Energy and Buildings</i> , 2012 , 45, 15-27	7	712
176	Multi-Parametric Toolbox 3.0 2013 ,		409
175	Energy efficient building climate control using Stochastic Model Predictive Control and weather predictions 2010 ,		198
174	Efficient interior point methods for multistage problems arising in receding horizon control 2012,		185
173	. IEEE Transactions on Automatic Control, 2011 , 56, 1524-1534	5.9	111
172	Distributed synthesis and stability of cooperative distributed model predictive control for linear systems. <i>Automatica</i> , 2016 , 69, 117-125	5.7	82
171	A tractable approximation of chance constrained stochastic MPC based on affine disturbance feedback 2008 ,		81
170	Real-time input-constrained MPC using fast gradient methods 2009,		71
169	. IEEE Transactions on Control Systems Technology, 2014 , 22, 1198-1205	4.8	68
168	On real-time robust model predictive control. <i>Automatica</i> , 2014 , 50, 683-694	5.7	68
167	MPC fault-tolerant flight control case study: flight 1862. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2003 , 36, 119-124		65
166	Polytopic Approximation of Explicit Model Predictive Controllers. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 2542-2553	5.9	62
165	On turnpike and dissipativity properties of continuous-time optimal control problems. <i>Automatica</i> , 2017 , 81, 297-304	5.7	61
164	On the facet-to-facet property of solutions to convex parametric quadratic programs. <i>Automatica</i> , 2006 , 42, 2209-2214	5.7	61
163	Convex Computation of the Maximum Controlled Invariant Set For Polynomial Control Systems. <i>SIAM Journal on Control and Optimization</i> , 2014 , 52, 2944-2969	1.9	59
162	Soft Constrained Model Predictive Control With Robust Stability Guarantees. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1190-1202	5.9	56
161	A logarithmic-time solution to the point location problem for parametric linear programming. <i>Automatica</i> , 2006 , 42, 2215-2218	5.7	53

160	Towards computational complexity certification for constrained MPC based on Lagrange Relaxation and the fast gradient method 2011 ,		48	
159	A two-stage stochastic programming approach to employee scheduling in retail outlets with uncertain demand. <i>Omega</i> , 2015 , 53, 97-103	7.2	46	
158	Multiparametric Linear Programming with Applications to Control. <i>European Journal of Control</i> , 2007 , 13, 152-170	2.5	43	
157	Distributed synthesis and control of constrained linear systems 2012 ,		39	
156	Lexicographic perturbation for multiparametric linear programming with applications to control. <i>Automatica</i> , 2007 , 43, 1808-1816	5.7	37	
155	. IEEE Transactions on Automatic Control, 2011 , 56, 2530-2541	5.9	35	
154	On Polyhedral Projection and Parametric Programming. <i>Journal of Optimization Theory and Applications</i> , 2008 , 138, 207-220	1.6	35	
153	A Parametric Nonconvex Decomposition Algorithm for Real-Time and Distributed NMPC. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 287-302	5.9	34	
152	MPC for Tracking Periodic References. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 1123-1128	5.9	34	
151	Enumeration-based approach to solving parametric linear complementarity problems. <i>Automatica</i> , 2015 , 62, 243-248	5.7	31	
150	Inner approximations of the region of attraction for polynomial dynamical systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 534-539		31	
149	Stochastic MPC Framework for Controlling the Average Constraint Violation. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1706-1721	5.9	29	
148	Fault Tolerant Flight Control - A Survey. Lecture Notes in Control and Information Sciences, 2010, 47-89	0.5	29	
147	Data-driven methods for building control A review and promising future directions. <i>Control Engineering Practice</i> , 2020 , 95, 104211	3.9	28	
146	Quantization Design for Distributed Optimization. IEEE Transactions on Automatic Control, 2017, 62, 21	03:312	20 26	
145	Trajectory-tracking and path-following controllers for constrained underactuated vehicles using Model Predictive Control 2013 ,		26	
144	2014,		25	
143	Computational aspects of distributed optimization in model predictive control 2012 ,		25	

142	On convergence and performance certification of a continuous-time economic model predictive control scheme with time-varying performance index. <i>Automatica</i> , 2016 , 68, 305-313	5.7	24
141	Hierarchical control of building HVAC system for ancillary services provision. <i>Energy and Buildings</i> , 2018 , 169, 216-227	7	22
140	Experimental Implementation of Frequency Regulation Services Using Commercial Buildings. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 1657-1666	10.7	22
139	Certification aspects of the fast gradient method for solving the dual of parametric convex programs. <i>Mathematical Methods of Operations Research</i> , 2013 , 77, 305-321	1	21
138	Multiparametric Linear Complementarity Problems 2006,		21
137	Haptic interface control-design issues and experiments with a planar device		21
136	Multirate sliding mode disturbance compensation for model predictive control. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 2984-3003	3.6	20
135	MPC of constrained discrete-time linear periodic systems [A framework for asynchronous control: Strong feasibility, stability and optimality via periodic invariance. <i>Automatica</i> , 2011 , 47, 326-333	5.7	20
134	OpenBuild: An integrated simulation environment for building control 2015,		19
133	Learning decision rules for energy efficient building control. <i>Journal of Process Control</i> , 2014 , 24, 763-7	77 3 .9	19
132	Robust stability properties of soft constrained MPC 2010 ,		19
131	Sensor Fault Diagnosis. Foundations and Trends in Systems and Control, 2016, 3, 249-362	4	18
130	Least-restrictive robust periodic model predictive control applied to room temperature regulation. <i>Automatica</i> , 2013 , 49, 2760-2766	5.7	18
129	An Input-to-State-Stability Approach to Economic Optimization in Model Predictive Control. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6081-6093	5.9	17
128	Embedded Optimization Methods for Industrial Automatic Control. IFAC-PapersOnLine, 2017, 50, 1319	4-1)3 / 20	916
127	An optimization-based approach to extract faceted crystal shapes from stereoscopic images. <i>Computers and Chemical Engineering</i> , 2015 , 75, 171-183	4	16
126	System identification via nuclear norm regularization for simulated moving bed processes from incomplete data sets 2009 ,		16
125	Learning a feasible and stabilizing explicit model predictive control law by robust optimization 2011 ,		15

(2015-2016)

124	Controller design and value function approximation for nonlinear dynamical systems. <i>Automatica</i> , 2016 , 67, 54-66	5.7	14
123	Real-time suboptimal model predictive control using a combination of explicit MPC and online optimization 2008 ,		14
122	Ancillary Services Provision Utilizing a Network of Fast-Charging Stations for Electrical Buses. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 665-672	10.7	13
121	Robust Tracking Commitment. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4451-4466	5.9	12
12 0	Experimental demonstration of buildings providing frequency regulation services in the Swiss market. <i>Energy and Buildings</i> , 2017 , 144, 229-240	7	12
119	Distributed state estimation for discrete-time linear time invariant systems: A survey. <i>Annual Reviews in Control</i> , 2019 , 48, 36-56	10.3	12
118	Economic Advantages of Office Buildings Providing Ancillary Services With Intraday Participation. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 3443-3452	10.7	12
117	Guaranteeing input tracking for constrained systems: Theory and application to demand response 2015 ,		12
116	Real-time MPC - Stability through robust MPC design 2009 ,		12
115	2008,		12
115	2008, Complexity Certification of the Fast Alternating Minimization Algorithm for Linear MPC. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 888-893	5.9	12
	Complexity Certification of the Fast Alternating Minimization Algorithm for Linear MPC. <i>IEEE</i>	5.9	
114	Complexity Certification of the Fast Alternating Minimization Algorithm for Linear MPC. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 888-893 Fast Predictive Control: Real-time Computation and Certification. <i>IFAC Postprint Volumes IPPV</i>	5.9	11
114	Complexity Certification of the Fast Alternating Minimization Algorithm for Linear MPC. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 888-893 Fast Predictive Control: Real-time Computation and Certification. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 94-98	5.9	11
114 113 112	Complexity Certification of the Fast Alternating Minimization Algorithm for Linear MPC. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 888-893 Fast Predictive Control: Real-time Computation and Certification. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 94-98 Controller complexity reduction for piecewise affine systems through safe region elimination 2007 , Real-Time optimization of Uncertain Process Systems via Modifier Adaptation and Gaussian	5.9	11 11 11
114 113 112	Complexity Certification of the Fast Alternating Minimization Algorithm for Linear MPC. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 888-893 Fast Predictive Control: Real-time Computation and Certification. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 94-98 Controller complexity reduction for piecewise affine systems through safe region elimination 2007 , Real-Time optimization of Uncertain Process Systems via Modifier Adaptation and Gaussian Processes 2018 ,		11 11 11
114 113 112 111 110	Complexity Certification of the Fast Alternating Minimization Algorithm for Linear MPC. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 888-893 Fast Predictive Control: Real-time Computation and Certification. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 94-98 Controller complexity reduction for piecewise affine systems through safe region elimination 2007 , Real-Time optimization of Uncertain Process Systems via Modifier Adaptation and Gaussian Processes 2018 , Stability and performance verification of optimization-based controllers. <i>Automatica</i> , 2017 , 78, 34-45 Dominant speed factors of active set methods for fast MPC. <i>Optimal Control Applications and</i>	5.7	11 11 11 11 10

106	Cooperative distributed tracking MPC for constrained linear systems: Theory and synthesis 2013,		10
105	Data-driven demand response modeling and control of buildings with Gaussian Processes 2017,		10
104	Robust distributed model predictive control of linear systems 2013,		10
103	Predictive power dispatch through negotiated locational pricing 2010 ,		10
102	Fast explicit nonlinear model predictive control via multiresolution function approximation with guaranteed stability. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010 , 43, 533-538		10
101	Convergence rates of moment-sum-of-squares hierarchies for optimal control problems. <i>Systems and Control Letters</i> , 2017 , 100, 1-5	2.4	9
100	Inexact fast alternating minimization algorithm for distributed model predictive control 2014,		9
99	A multiscale approximation scheme for explicit model predictive control with stability, feasibility, and performance guarantees 2009 ,		9
98	Online thermal control methods for multiprocessor systems. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2013 , 18, 1-26	1.5	8
97	VirtualArena: An object-oriented MATLAB toolkit for control system design and simulation 2017,		8
96	System identification with missing data via nuclear norm regularization 2009,		8
95	Blocking parameterizations for improving the computational tractability of affine disturbance feedback MPC problems 2009 ,		8
94	Enhancing the dispatchability of distribution networks through utility-scale batteries and flexible demand. <i>Energy and Buildings</i> , 2018 , 172, 125-138	7	8
93	An Alternating Trust Region Algorithm for Distributed Linearly Constrained Nonlinear Programs, Application to the Optimal Power Flow Problem. <i>Journal of Optimization Theory and Applications</i> , 2017 , 173, 844-877	1.6	7
92	Constrained Spectrum Control. IEEE Transactions on Automatic Control, 2015, 60, 1969-1974	5.9	7
91	Long horizon input parameterisations to enlarge the region of attraction of MPC. <i>Optimal Control Applications and Methods</i> , 2016 , 37, 139-153	1.7	7
90	. IEEE Transactions on Automatic Control, 2017 , 62, 1752-1767	5.9	7
89	A Model predictive control scheme with ultimate bound for economic optimization 2015,		7

88	Quantization design for unconstrained distributed optimization 2015,		7
87	2014,		7
86	Convex computation of the maximum controlled invariant set for discrete-time polynomial control systems 2013 ,		7
85	A Model Predictive Control scheme with additional performance index for transient behavior 2013,		7
84	Model predictive control of linear periodic systems - a unified framework including control of multirate and multiplexed systems 2009 ,		7
83	A Neural Network Architecture to Learn Explicit MPC Controllers from Data. <i>IFAC-PapersOnLine</i> , 2020 , 53, 11362-11367	0.7	7
82	Multi-time scale coordination of complementary resources for the provision of ancillary services. <i>Applied Energy</i> , 2018 , 229, 1164-1180	10.7	7
81	Fast Alternating Minimization Algorithm for Model Predictive Control. <i>IFAC Postprint Volumes IPPV</i> / International Federation of Automatic Control, 2014 , 47, 11980-11986		6
80	An economic model predictive control scheme with terminal penalty for continuous-time systems 2014 ,		6
79	Temperature sensor placement in thermal management systems for MPSoCs 2010 ,		6
78	Efficient point location via subdivision walking with application to explicit MPC 2007 ,		6
	Efficient point totation via subdivision watking with application to explicit viii C 2007,		
77	Optimization Based Control for Target Estimation and Tracking via Highly Observable Trajectories. Lecture Notes in Electrical Engineering, 2015, 495-504	0.2	6
77 76	Optimization Based Control for Target Estimation and Tracking via Highly Observable Trajectories.	0.2	6
	Optimization Based Control for Target Estimation and Tracking via Highly Observable Trajectories. Lecture Notes in Electrical Engineering, 2015, 495-504 A Set-Theoretic Method for Verifying Feasibility of a Fast Explicit Nonlinear Model Predictive		
76	Optimization Based Control for Target Estimation and Tracking via Highly Observable Trajectories. Lecture Notes in Electrical Engineering, 2015, 495-504 A Set-Theoretic Method for Verifying Feasibility of a Fast Explicit Nonlinear Model Predictive Controller. Lecture Notes in Control and Information Sciences, 2012, 289-311		6
76 75	Optimization Based Control for Target Estimation and Tracking via Highly Observable Trajectories. Lecture Notes in Electrical Engineering, 2015, 495-504 A Set-Theoretic Method for Verifying Feasibility of a Fast Explicit Nonlinear Model Predictive Controller. Lecture Notes in Control and Information Sciences, 2012, 289-311 Sensor fault tolerance in output feedback nonlinear model predictive control 2016,		6
76 75 74	Optimization Based Control for Target Estimation and Tracking via Highly Observable Trajectories. Lecture Notes in Electrical Engineering, 2015, 495-504 A Set-Theoretic Method for Verifying Feasibility of a Fast Explicit Nonlinear Model Predictive Controller. Lecture Notes in Control and Information Sciences, 2012, 289-311 Sensor fault tolerance in output feedback nonlinear model predictive control 2016, Accelerated ADMM based on accelerated Douglas-Rachford splitting 2016, An augmented Lagrangian coordination-decomposition algorithm for solving distributed		655

7º	Improved path following for kites with input delay compensation 2015,		5
69	2014,		5
68	Stochastic model predictive control: Controlling the average number of constraint violations 2012,		5
67	An Inertial Parallel and Asynchronous Forward B ackward Iteration for Distributed Convex Optimization. <i>Journal of Optimization Theory and Applications</i> , 2019 , 182, 1088-1119	1.6	4
66	Software and Hardware Code Generation for Predictive Control Using Splitting Methods * *This work has received funding from the People Programme (Marie Curie Actions) of the European Union Seventh Framework Programme (FP7/2007-2013) under REA grant agreement no 607957 (TEMPO) IFAC-PapersOnLine, 2017, 50, 14386-14391	0.7	4
65	Control of nonlinear systems with explicit-MPC-like controllers 2017,		4
64	An energy efficient trajectory tracking controller for car-like vehicles using Model Predictive Control 2015 ,		4
63	A parametric multi-convex splitting technique with application to real-time NMPC 2014,		4
62	Splitting methods in control 2014 ,		4
61	Least-restrictive robust MPC of periodic affine systems with application to building climate control 2010 ,		4
60	Constrained spectrum control using MPC 2011 ,		4
59	Learning near-optimal decision rules for energy efficient building control 2012,		4
58	A Cost-Effective Atomic Force Microscope for Undergraduate Control Laboratories. <i>IEEE Transactions on Education</i> , 2010 , 53, 328-334	2.1	4
57	Reverse Search for Parametric Linear Programming 2006 ,		4
56	Parametric Analysis of Controllers for Constrained Linear Systems 2006,		4
55	Cooperative path-following control with logic-based communications: theory and practice 2019 , 187-2	24	4
54	On the design of discrete-time Economic Model Predictive Controllers 2016,		4
53	Design of a distributed quantized luenberger filter for bounded noise 2016 ,		4

(2021-2014)

52	Parametric polytope reconstruction, an application to crystal shape estimation. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 4474-85	8.7	3
51	Solving the infinite-horizon constrained LQR problem using splitting techniques. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 2285-2290		3
50	Interior Point Decomposition for Multi-Agent Optimization. IFAC-PapersOnLine, 2017, 50, 233-238	0.7	3
49	A consensus algorithm for networks with process noise and quantization error 2015 ,		3
48	Quantization design for distributed optimization with time-varying parameters 2015,		3
47	Multicore thermal management using approximate explicit model predictive control 2010,		3
46	Spectrogram-MPC: Enforcing hard constraints on systems' output spectra 2012,		3
45	PolyMPC: An efficient and extensible tool for real-time nonlinear model predictive tracking and path following for fast mechatronic systems. <i>Optimal Control Applications and Methods</i> , 2020 , 41, 709-7	2 7 7	3
44	Exergy-based model predictive control for design and control of a seasonal thermal energy storage system. <i>Journal of Physics: Conference Series</i> , 2019 , 1343, 012066	0.3	3
43	An ADMM-Based Coordination and Control Strategy for PV and Storage to Dispatch Stochastic Prosumers: Theory and Experimental Validation 2018 ,		3
42	Dispatching active distribution networks through electrochemical storage systems and demand side management 2017 ,		2
41	Flexible triangular formation keeping of marine robotic vehicles using range measurements 1. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 5145-5150		2
40	On coordinated primal-dual interior-point methods for multi-agent optimization 2017,		2
39	Optimization of an Airborne Wind Energy system using constrained Gaussian Processes 2014,		2
38	A Nonlinear Model Predictive Control Scheme with Multirate Integral Sliding Mode *. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010 , 43, 232-237		2
37	A Resource-Aware Approach to Self-Triggered Model Predictive Control. <i>IFAC-PapersOnLine</i> , 2020 , 53, 2733-2738	0.7	2
36	On Gaussian Process Based Koopman Operators. IFAC-PapersOnLine, 2020, 53, 449-455	0.7	2
35	Reference tracking stochastic model predictive control over unreliable channels and bounded control actions. <i>Automatica</i> , 2021 , 127, 109512	5.7	2

34	Learning Feature Maps of the Koopman Operator: A Subspace Viewpoint 2019,		2
33	A Demand Response-Based Solution to Overloading in Underdeveloped Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 4059-4067	10.7	2
32	Incipient Actuator Fault Handling in Nonlinear Model Predictive Control. <i>IFAC-PapersOnLine</i> , 2017 , 50, 15922-15927	0.7	1
31	Experimental Verification of Sum-Of-Squares-Based Controller Tuning Technique with Extension to Parallel Multimodel Uncertainty Processing 2019 ,		1
30	Constrained bundle methods with inexact minimization applied to the energy regulation provision problem. <i>IFAC-PapersOnLine</i> , 2017 , 50, 12471-12476	0.7	1
29	Model Predictive Path-Following Control for Airborne Wind Energy Systems * *This work is funded by the Sinergia project Autonomous Airborne Wind Energy (A2WE) of the Swiss National Science Foundation (SNSF) IFAC-PapersOnLine, 2017, 50, 13270-13275	0.7	1
28	Bilevel programming for analysis of low-complexity control of linear systems with constraints 2009,		1
27	Multiparametric linear programming for control 2008,		1
26	Distributed model predictive control of buildings and energy hubs. <i>Energy and Buildings</i> , 2022 , 259, 111	18906	1
25	Distributionally Robust Joint Chance-Constrained Dispatch for Integrated Transmission-Distribution Systems via Distributed Optimization. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	1
24	Joint Energy Management for Distributed Energy Harvesting Systems 2021,		1
23	Resource-Aware Asynchronous Multi-Agent Coordination via Self-Triggered MPC 2020 ,		1
22	Regularized economic model predictive control with barrier functions. <i>Optimal Control Applications and Methods</i> , 2020 , 41, 3-24	1.7	1
21	A nonlinear adaptive controller for airborne wind energy systems 2016 ,		1
20	Real-Time Implementation of Explicit Model Predictive Control. Control Engineering, 2019, 387-412	1	1
19	Towards global optimal control via Koopman lifts. <i>Automatica</i> , 2021 , 132, 109610	5.7	1
18	Resource-Aware Stochastic Self-Triggered Model Predictive Control 2022 , 6, 1262-1267		1
17	Primal-Dual Enumeration for Multiparametric Linear Programming. <i>Lecture Notes in Computer Science</i> , 2006 , 248-259	0.9	1

LIST OF PUBLICATIONS

16	Distributed Optimal Power Flow for VSC-MTDC Meshed AC/DC Grids Using ALADIN. <i>IEEE Transactions on Power Systems</i> , 2022 , 1-1	7	1	
15	Robust Resource-Aware Self-Triggered Model Predictive Control 2022 , 6, 1724-1729		O	
14	On the Optimality and Convergence Properties of the Iterative Learning Model Predictive Controller. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	О	
13	Learning Non-Parametric Models with Guarantees: A Smooth Lipschitz Regression Approach. <i>IFAC-PapersOnLine</i> , 2020 , 53, 965-970	0.7	O	
12	A nonlinear model predictive control scheme for sensor fault tolerance in observation processes. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 5657-5677	3.6	0	
11	Evaluation of advanced control strategies of electric thermal storage systems in residential building stock. <i>Utilities Policy</i> , 2021 , 69, 101178	3.3	0	
10	A Distributed Luenberger Observer for Linear State Feedback Systems With Quantized and Rate-Limited Communications. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 3922-3937	5.9	О	
9	Embedded PWM Predictive Control of DC-DC Power Converters Via Piecewise-Affine Neural Networks. <i>IEEE Open Journal of the Industrial Electronics Society</i> , 2021 , 2, 199-206	3.6	О	
8	Deterministic error bounds for kernel-based learning techniques under bounded noise. <i>Automatica</i> , 2021 , 134, 109896	5.7	О	
7	SVR-AMA: An Asynchronous Alternating Minimization Algorithm With Variance Reduction for Model Predictive Control Applications. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1800-1815	5.9		
6	A Demand Response Framework to Overcome Network Overloading in Power Distribution Networks. <i>IFAC-PapersOnLine</i> , 2020 , 53, 13339-13344	0.7		
5	NSM Converges to a k-NN Regressor Under Loose Lipschitz Estimates 2020 , 4, 880-885			
4	Distributed Multi-Building Coordination for Demand Response. IFAC-PapersOnLine, 2020, 53, 17113-17	711b8 ₇		
3	High-Speed Model Predictive Control: An Approximate Explicit Approach 2010 , 233-248			
2	Guest Editorial Model Predictive Control in Energy Conversion Systems. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 1311-1312	5.4		
1	Scalable MPC Design. <i>Control Engineering</i> , 2019 , 259-283	1		