Chong-Jin Ong

List of Publications by Year
in descending order

29 papers	362 citations
1163117 8 h-index	996975 15 g-index
29 all docs	29 docs citations
29 times ranked	395 citing authors

#	Article	IF	Citations
1	Feature selection via sensitivity analysis of SVM probabilistic outputs. Machine Learning, 2007, 70, 1-20.	5.4	56
2	Distributed model predictive control of dynamically decoupled systems with coupled cost. Automatica, 2010, 46, 2053-2058.	5.0	53
3	An Improved Algorithm for the Solution of the Regularization Path of Support Vector Machine. IEEE Transactions on Neural Networks, 2010, 21, 451-462.	4.2	50
4	Set-values filtering for discrete time-delay genetic regulatory networks with time-varying parameters. Nonlinear Dynamics, 2012, 69, 693-703.	5.2	35
5	Adaptive neural network control of uncertain MIMO nonlinear systems with input saturation. Neural Computing and Applications, 2016, 27, 1317-1325.	5.6	22
6	Accelerated Distributed MPC of Linear Discrete-Time Systems With Coupled Constraints. IEEE Transactions on Automatic Control, 2018, 63, 3838-3849.	5.7	21
7	Extracting the knowledge embedded in support vector machines. , 0, , .		20
8	Model Predictive Control Using Segregated Disturbance Feedback. IEEE Transactions on Automatic Control, 2010, 55, 831-840.	5.7	17
9	An extended command governor for constrained linear systems with disturbances. , 2009, , .		14
10	Distributed MPC of constrained linear systems with time-varying terminal sets. Systems and Control Letters, 2016, 88, 14-23.	2.3	11
11	Speed optimization in automated microinjection of zebrafish embryos. International Journal of Control, Automation and Systems, 2015, 13, 1233-1241.	2.7	8
12	Feature selection via sensitivity analysis of MLP probabilistic outputs. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	6
13	Computation of the maximal invariant set of linear systems with quasi-smooth nonlinear constraints. , 2019, , .		6
14	Sumâ€ofâ€squaresâ€"based consensus verification for directed networks with nonlinear protocols. International Journal of Robust and Nonlinear Control, 2020, 30, 1719-1732.	3.7	6
15	Constrained linear system under disturbance feedback: Convergence with probability one. , 2008, , .		5
16	Distributed MPC of constrained linear systems with online decoupling of the terminal constraint. , 2015, , .		5
17	Corrections to: â€œEstimator Design for Discrete-Time Switched Neural Networks With Asynchronous Switching and Time-Varying Delayâ€•[May 12 827-834]. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1906-1906.	11.3	4
18	A fast growth distance algorithm for incremental motions. IEEE Transactions on Automation Science and Engineering, 2000, 16, 880-890.	2.3	3

#	Article	IF	Citations
19	Linear systems with chance constraints: Constraint-admissible set and applications in predictive control. , 2009, , .		3
20	Distributed Model Predictive Control of linear discrete-time systems with coupled constraints. , 2016, , .		3
21	Novel multi-class feature selection methods using sensitivity analysis of posterior probabilities. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	2
22	Model predictive control using segregated disturbance feedback. , 2008, , .		2
23	Enlarging domain of attraction of switched linear systems in the presence of saturation nonlinearity. , 2011, , .		2
24	Constraint‐admissible sets for systems with soft constraints and their application in model predictive control. International Journal of Robust and Nonlinear Control, 2012, 22, 1229-1243.	3.7	2
25	A fast dual gradient algorithm for distributed model predictive control with coupled constraints. , 2017, , .		2
26	Distributed model predictive control of dynamically decoupled linear systems with coupled cost. , 2009, , .		1
27	Characterization and computation of robust invariant sets for switching systems under dwell-time consideration. , 2011, , .		1
28	Model Predictive Control with reduced number of variables for linear systems with bounded disturbances. , 2012, , .		1
29	Achieving output consensus of heterogeneous network of two dimensional agents via static diffusive controller. , 2020, , .		1