

Byungjun Park

List of Publications by Year in descending order

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9
papers

142
citations

1307594
7
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Idle speed control with low-complexity offset-free explicit model predictive control in presence of system delay. <i>Control Engineering Practice</i> , 2022, 119, 104990.	5.5	4
2	Model-based reinforcement learning and predictive control for two-stage optimal control of fed-batch bioreactor. <i>Computers and Chemical Engineering</i> , 2021, 154, 107465.	3.8	27
3	Data-driven offset-free multilinear model predictive control using constrained differential dynamic programming. <i>Journal of Process Control</i> , 2021, 107, 1-16.	3.3	5
4	Move blocked model predictive control with improved optimality using semi-explicit approach for applying time-varying blocking structure. <i>Journal of Process Control</i> , 2020, 92, 50-61.	3.3	18
5	A model-based deep reinforcement learning method applied to finite-horizon optimal control of nonlinear control-affine system. <i>Journal of Process Control</i> , 2020, 87, 166-178.	3.3	41
6	Ensemble learning based latent variable model predictive control for batch trajectory tracking under concept drift. <i>Computers and Chemical Engineering</i> , 2020, 139, 106875.	3.8	10
7	Hybrid Nonlinear Model Predictive Control of LNT and Urealess SCR Aftertreatment System. <i>IEEE Transactions on Control Systems Technology</i> , 2019, 27, 2305-2313.	5.2	13
8	Experimental gradient estimation of multivariable systems with correlation by various regression methods and its application to modifier adaptation. <i>Journal of Process Control</i> , 2018, 70, 65-79.	3.3	8
9	Optimization of microalgal photobioreactor system using model predictive control with experimental validation. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1235-1246.	3.4	16