Byungjun Park

List of Publications by Year
in descending order

9	142	1307594	1474206
papers	citations	7	9
		h-index	g-index

9	9	9	106
all docs	docs citations	times ranked	citing authors

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