

Se-Kyu Oh

List of Publications by Year in descending order

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19
papers

265
citations

1477746

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h-index

1058022

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19
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docs citations

19
times ranked

235
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.	3.2	4
2	Closed-loop Subspace Identification of Dual-rate Non-uniformly Sampled System under MPC with Zone Control. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 2002-2011.	1.6	4
3	Optimal Estimation of Gasoline LP-EGR via Unscented Kalman Filtering with Mixed Physics-based/Data-driven Components Modeling. <i>IFAC-PapersOnLine</i> , 2020, 53, 144-151.	0.5	1
4	Stochastic Iterative Learning Model Predictive Control based on Stochastic Approximation. <i>IFAC-PapersOnLine</i> , 2019, 52, 604-609.	0.5	4
5	Transition Model for Simulated Moving Bed Under Nonideal Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21625-21640.	1.8	6
6	Point-to-point iterative learning model predictive control. <i>Automatica</i> , 2018, 89, 135-143.	3.0	40
7	Conceptual Design of an Energy-Efficient Process for Separating Aromatic Compounds from Naphtha with a High Concentration of Aromatic Compounds Using 4-Methyl- <i>N</i> -butylpyridinium Tetrafluoroborate Ionic Liquid. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 7273-7284.	1.8	16
8	Dynamic matrix control applied on propane-mixed refrigerant liquefaction process. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 287-297.	1.2	5
9	Modeling and optimization of simulated moving bed chromatography with side streams. , 2017, , .		2
10	Closed-loop multi-rate identification with zone-MPC using constrained subspace method. , 2017, , .		0
11	Iterative Learning Control Integrated with Model Predictive Control for Real-Time Disturbance Rejection of Batch Processes. <i>Journal of Chemical Engineering of Japan</i> , 2017, 50, 415-421.	0.3	23
12	Iterative learning model predictive control for constrained multivariable control of batch processes. <i>Computers and Chemical Engineering</i> , 2016, 93, 284-292.	2.0	84
13	Stochastic iterative learning control for discrete linear time-invariant system with batch-varying reference trajectories. <i>Journal of Process Control</i> , 2015, 36, 64-78.	1.7	33
14	Iterative learning control algorithm for a class of discrete LTI system with batch-varying reference trajectories. , 2014, , .		2
15	Real-time estimation of glucose concentration in algae cultivation system using Raman spectroscopy. <i>Bioresource Technology</i> , 2013, 142, 131-137.	4.8	34
16	Sensitivity Analysis with Optimal Input Design and Model Predictive Control for Microalgal Bioreactor Systems. <i>Korean Chemical Engineering Research</i> , 2013, 51, 87-92.	0.2	3
17	Predicting concentrations of a mixture in bioreactor for on-line monitoring using Raman spectroscopy. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 822-827.	0.4	4
18	Sensitivity analysis with optimal input design and model predictive control for microalgal bioreactor systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 673-678.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Design of Experiments and Sensitivity Analysis for Microalgal Bioreactor Systems. Computer Aided Chemical Engineering, 2012, , 722-726.	0.3	0