

Chanin Panjapornpon

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

482
citations

1163117

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794594

19
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28
all docs

28
docs citations

28
times ranked

459
citing authors

#	ARTICLE	IF	CITATIONS
1	A method of sensor fault detection and identification. <i>Journal of Process Control</i> , 2005, 15, 321-339.	3.3	151
2	Calibrating Detailed Building Energy Simulation Programs with Measured Data”Part I: General Methodology (RP-1051). <i>HVAC and R Research</i> , 2007, 13, 221-241.	0.6	135
3	Calibrating Detailed Building Energy Simulation Programs with Measured Data”Part II: Application to Three Case Study Office Buildings (RP-1051). <i>HVAC and R Research</i> , 2007, 13, 243-265.	0.6	63
4	Thailand Green GDP assessment based on environmentally extended input-output model. <i>Journal of Cleaner Production</i> , 2017, 167, 970-977.	9.3	45
5	Model-Based Controller Design for Unstable, Non-Minimum-Phase, Nonlinear Processes. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 2758-2768.	3.7	18
6	Control of coupled PDEs”ODEs using input”output linearization: Application to a cracking furnace. <i>Chemical Engineering Science</i> , 2012, 75, 144-151.	3.8	17
7	Input”Output Linearizing Control Strategy for an Ethylene Dichloride Cracking Furnace Using a Coupled PDE-ODE Model. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 683-691.	3.7	11
8	Control of Ethylene Dichloride Cracking Furnace Using an Analytical Model Predictive Control Strategy for a Coupled Partial Differential Equation/Ordinary Differential Equation System. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 10121-10131.	3.7	8
9	Optimization-Based Input/Output Linearizing Control Strategy for a pH Process with Multiple Titrant Streams. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 13793-13801.	3.7	5
10	Optimization-Based Control Strategy with Wavelet Network Input”Output Linearizing Constraint for an Ill-Conditioned High-Purity Distillation Column. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 8927-8939.	3.7	4
11	Control of uncertain input-delay systems by using input/output linearization with a two-degree-of-freedom scheme. , 2014, , .		3
12	Coupled control between pH and level of a process with multititrated concentrations by input/state linearization. , 2014, , .		3
13	Control of Anaerobic Digestion Reactor with Recirculation Using an Input-Output Linearizing Control Strategy. <i>IFAC-PapersOnLine</i> , 2018, 51, 109-114.	0.9	3
14	On-Line Parameter Estimation through Dynamic Inversion:” A Real-Time Study. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 2503-2507.	3.7	2
15	Differential-geometric model-based control (DGMBC): A software package for controller design. <i>Computers and Chemical Engineering</i> , 2008, 32, 1569-1588.	3.8	2
16	Input/output linearization with a two-degree-of-freedom scheme for uncertain nonlinear processes. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 716-723.	2.7	2
17	Nonlinear system identification of pH process using Hammerstein-Wiener model. , 2016, , .		2
18	Real-Time Application of pH Control in a Carbon Dioxide Bubble Column Reactor by Input/Output Linearizing Control Coupled with pH Target Optimizer. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 771-781.	3.7	2

#	ARTICLE	IF	CITATIONS
19	Input/output linearizing controller with Taylor series expansion for a nonminimum phase process by hardware-in-the-loop approach. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2440.	1.5	2
20	Monitoring and control of droplet size in a micro-channel reactor for biodiesel production. , 2017, , .		1
21	Model-based estimation and control of interface level in a two-phase vertical decanter: A case study of palm-oil/water system. Computers and Chemical Engineering, 2018, 108, 372-381.	3.8	1
22	Input/output Linearization Control Technique for Anaerobic Digestion Reactor with Recirculation. E3S Web of Conferences, 2020, 141, 01007.	0.5	1
23	Input/Output Linearization for a Real-Time pH Control: Application on Basic Wastewater Neutralization by Carbon Dioxide in a Fed-Batch Bubble Column Reactor. Engineering Journal, 2019, 23, 229-241.	1.0	1
24	Feedback linearization controller design for continuous stirred-tank reactor (CSTR) in biodiesel production process. , 2008, , .		0
25	Observer-based input/output (I/O) linearizing control for an EDC vaporizer system. Journal of the Taiwan Institute of Chemical Engineers, 2015, 50, 69-75.	5.3	0
26	Temperature control of polypropylene thermal cracking reactor by input/output linearization with two-degree-of-freedom structure. Journal of the Taiwan Institute of Chemical Engineers, 2015, 52, 72-78.	5.3	0
27	Feedback linearization-based PI controller for continuous pH process system. , 2017, , .		0
28	Biodegradable behavior of polyethylene based plastics by soil burial. AIP Conference Proceedings, 2021, , .	0.4	0