

# Chanin Panjapornpon

## List of Publications by Year in descending order

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28  
papers

482  
citations

1163117

8  
h-index

794594

19  
g-index

28  
all docs

28  
docs citations

28  
times ranked

459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable behavior of polyethylene based plastics by soil burial. AIP Conference Proceedings, 2021, , .	0.4	0
2	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
3	Input/output Linearization Control Technique for Anaerobic Digestion Reactor with Recirculation. E3S Web of Conferences, 2020, 141, 01007.	0.5	1
4	Real-Time Application of pH Control in a Carbon Dioxide Bubble Column Reactor by Input/Output Linearizing Control Coupled with pH Target Optimizer. Industrial & Engineering Chemistry Research, 2019, 58, 771-781.	3.7	2
5	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
6	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
7	Control of Anaerobic Digestion Reactor with Recirculation Using an Input-Output Linearizing Control Strategy. IFAC-PapersOnLine, 2018, 51, 109-114.	0.9	3
8	Optimization-Based Input/Output Linearizing Control Strategy for a pH Process with Multiple Titrant Streams. Industrial & Engineering Chemistry Research, 2018, 57, 13793-13801.	3.7	5
9	Thailand Green GDP assessment based on environmentally extended input-output model. Journal of Cleaner Production, 2017, 167, 970-977.	9.3	45
10	Optimization-Based Control Strategy with Wavelet Network Input-Output Linearizing Constraint for an Ill-Conditioned High-Purity Distillation Column. Industrial & Engineering Chemistry Research, 2017, 56, 8927-8939.	3.7	4
11	Feedback linearization-based PI controller for continuous pH process system. , 2017, , .		0
12	Monitoring and control of droplet size in a micro-channel reactor for biodiesel production. , 2017, , .		1
13	Nonlinear system identification of pH process using Hammerstein-Wiener model. , 2016, , .		2
14	Control of Ethylene Dichloride Cracking Furnace Using an Analytical Model Predictive Control Strategy for a Coupled Partial Differential Equation/Ordinary Differential Equation System. Industrial & Engineering Chemistry Research, 2016, 55, 10121-10131.	3.7	8
15	Input-Output Linearizing Control Strategy for an Ethylene Dichloride Cracking Furnace Using a Coupled PDE-ODE Model. Industrial & Engineering Chemistry Research, 2016, 55, 683-691.	3.7	11
16	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
17	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
18	Control of uncertain input-delay systems by using input/output linearization with a two-degree-of-freedom scheme. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Coupled control between pH and level of a process with multitrated concentrations by input/state linearization. , 2014, , .		3
20	Input/output linearization with a two-degree-of-freedom scheme for uncertain nonlinear processes. Korean Journal of Chemical Engineering, 2012, 29, 716-723.	2.7	2
21	Control of coupled PDEs&OEs using input&Ooutput linearization: Application to a cracking furnace. Chemical Engineering Science, 2012, 75, 144-151.	3.8	17
22	Differential-geometric model-based control (DGMBC): A software package for controller design. Computers and Chemical Engineering, 2008, 32, 1569-1588.	3.8	2
23	Feedback linearization controller design for continuous stirred-tank reactor (CSTR) in biodiesel production process. , 2008, , .		0
24	Calibrating Detailed Building Energy Simulation Programs with Measured Data&OPart I: General Methodology (RP-1051). HVAC and R Research, 2007, 13, 221-241.	0.6	135
25	Calibrating Detailed Building Energy Simulation Programs with Measured Data&OPart II: Application to Three Case Study Office Buildings (RP-1051). HVAC and R Research, 2007, 13, 243-265.	0.6	63
26	On-Line Parameter Estimation through Dynamic Inversion:Â A Real-Time Study. Industrial & Engineering Chemistry Research, 2007, 46, 2503-2507.	3.7	2
27	Model-Based Controller Design for Unstable, Non-Minimum-Phase, Nonlinear Processes. Industrial & Engineering Chemistry Research, 2006, 45, 2758-2768.	3.7	18
28	A method of sensor fault detection and identification. Journal of Process Control, 2005, 15, 321-339.	3.3	151