

G Lloyds Raja

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	New PI-PD Controller Design Strategy for Industrial Unstable and Integrating Processes with Dead Time and Inverse Response. <i>Journal of Control, Automation and Electrical Systems</i> , 2021, 32, 266-280.	2.0	60
2	Smith predictor based parallel cascade control strategy for unstable and integrating processes with large time delay. <i>Journal of Process Control</i> , 2017, 52, 57-65.	3.3	43
3	Design and simulation of a novel FOIMC-PD/P double-loop control structure for CSTRs and bioreactors. <i>International Journal of Chemical Reactor Engineering</i> , 2021, 19, 1287-1303.	1.1	27
4	Design and Analysis of Novel QOEO Optimized Parallel Fuzzy FOPI-PIDN Controller for Restructured AGC with HVDC and PEV. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2022, 46, 565-587.	2.3	26
5	Optimal Fractional Order IMC-Based Series Cascade Control Strategy with Dead-Time Compensator for Unstable Processes. <i>Journal of Control, Automation and Electrical Systems</i> , 2021, 32, 30-41.	2.0	25
6	Modified parallel cascade control strategy for stable, unstable and integrating processes. <i>ISA Transactions</i> , 2016, 65, 394-406.	5.7	24
7	Enhanced tuning of Smith predictor based series cascaded control structure for integrating processes. <i>ISA Transactions</i> , 2021, 114, 191-205.	5.7	24
8	Decoupled double-loop FOIMC-PD control architecture for double integral with dead time processes. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, 3691-3703.	1.7	23
9	Series cascade control: An outline survey. , 2017, , .		22
10	Design of a novel fractional-order internal model controller-based Smith predictor for integrating processes with large dead-time. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2022, 17, .	1.5	19
11	A novel equilibrium optimized double-loop control scheme for unstable and integrating chemical processes involving dead time. <i>International Journal of Chemical Reactor Engineering</i> , 2022, 20, 1341-1360.	1.1	18
12	Type-2 fuzzy-based branched controller tuned using arithmetic optimizer for load frequency control. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 4575-4596.	2.3	13
13	Enhanced Design of a PI-PD Based Smith Predictor for Industrial Plants. <i>IFAC-PapersOnLine</i> , 2021, 54, 79-84.	0.9	12
14	Hybrid dual-loop control method for dead-time second-order unstable inverse response plants with a case study on CSTR. <i>International Journal of Chemical Reactor Engineering</i> , 2023, 21, 11-21.	1.1	12
15	Improved fractional augmented control strategies for continuously stirred tank reactors. <i>Asian Journal of Control</i> , 2023, 25, 2165-2182.	3.0	8
16	Modified series cascade control strategy for integrating processes. , 2018, , .		5
17	Illumination normalization for image restoration using modified retinex algorithm. , 2012, , .		3
18	Design of Cascade Control Structure for Stable Processes using Method of Moments. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Design of Optimal Fractional Order Lyapunov Based Model Reference Adaptive Control Scheme for CSTR. IFAC-PapersOnLine, 2022, 55, 436-441.	0.9	3
20	Optimal iIMC-PD Double-Loop Control Strategy for Integrating Processes with Dead-Time. Lecture Notes in Electrical Engineering, 2022, , 521-531.	0.4	3
21	Enhanced delay compensator based parallel cascade control scheme. , 2016, , .		1