Mabel Sanchez

List of Publications by Year
in descending order

11 papers	172 citations	1478505 6 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	75 citing authors

#	Article	IF	Citations
1	Use of orthogonal transformations in data classification-reconciliation. Computers and Chemical Engineering, 1996, 20, 483-493.	3.8	52
2	Simultaneous estimation of biases and leaks in process plants. Computers and Chemical Engineering, 1999, 23, 841-857.	3.8	35
3	Reallocation and upgrade of instrumentation in process plants. Computers and Chemical Engineering, 2000, 24, 1945-1959.	3.8	26
4	An Evolutionary Approach for the Design of Nonredundant Sensor Networks. Industrial & Engineering Chemistry Research, 2001, 40, 5578-5584.	3.7	24
5	On the Performance of Principal Component Analysis in Multiple Gross Error Identification. Industrial & Engineering Chemistry Research, 1999, 38, 2005-2012.	3.7	13
6	Optimal Sensor Location in Chemical Plants Using the Estimation of Distribution Algorithms. Industrial & Engineering Chemistry Research, 2018, 57, 12149-12164.	3.7	8
7	A new metaheuristic based approach for the design of sensor networks. Computers and Chemical Engineering, 2013, 55, 83-96.	3.8	6
8	Design of Sensor Networks for Chemical Plants Based on Meta-Heuristics. Algorithms, 2009, 2, 259-281.	2.1	5
9	PERFORMANCE EVALUATION OF PCA TESTS IN SERIAL ELIMINATION STRATEGIES FOR GROSS ERROR IDENTIFICATION. Chemical Engineering Communications, 2000, 183, 119-139.	2.6	2
10	Reliability Estimation for Sensor Networks in Chemical Plants using Monte Carlo Methods. Computer Aided Chemical Engineering, 2020, , 439-444.	0.5	1
11	An Artificial Bee Colony Algorithm for Optimizing the Design of Sensor Networks. Lecture Notes in Computer Science, 2018, , 316-324.	1.3	0