

Mabel Sanchez

List of Publications by Year in descending order

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11
papers

172
citations

1478505

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h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

75
citing authors

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