

Diana C LÃ³pez C

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

282
citations

1163117
8
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear ill-posed problem analysis in model-based parameter estimation and experimental design. Computers and Chemical Engineering, 2015, 77, 24-42.	3.8	82
2	Modelling overflow metabolism in Escherichia coli by acetate cycling. Biochemical Engineering Journal, 2017, 125, 23-30.	3.6	49
3	Model-based identifiable parameter determination applied to a simultaneous saccharification and fermentation process model for bioethanol production. Biotechnology Progress, 2013, 29, 1064-1082.	2.6	36
4	Optimization Model of Crude Oil Distillation Units for Optimal Crude Oil Blending and Operating Conditions. Industrial & Engineering Chemistry Research, 2013, 52, 12993-13005.	3.7	30
5	A Computational Framework for Identifiability and Ill-Conditioning Analysis of Lithium-Ion Battery Models. Industrial & Engineering Chemistry Research, 2016, 55, 3026-3042.	3.7	27
6	Output uncertainty of dynamic growth models: Effect of uncertain parameter estimates on model reliability. Biochemical Engineering Journal, 2019, 150, 107247.	3.6	25
7	Real-time adaptive input design for the determination of competitive adsorption isotherms in liquid chromatography. Computers and Chemical Engineering, 2016, 94, 104-116.	3.8	17
8	An algorithm for the identification and estimation of relevant parameters for optimization under uncertainty. Computers and Chemical Engineering, 2014, 71, 94-103.	3.8	16
9	Systematic Parameter Selection for Optimization under Uncertainty. Computer Aided Chemical Engineering, 2014, , 717-722.	0.5	0