

Nancy Medina-Herrera

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8071151/publications.pdf>

Version: 2024-02-01

17
papers

396
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal design and control of three simplified sargent four-product dividing-wall columns. Chemical Engineering and Processing: Process Intensification, 2022, 174, 108860.	3.6	11
2	Temperature control of a Kaibel, Agrawal and Sargent dividing-wall distillation columns. Chemical Engineering and Processing: Process Intensification, 2021, 159, 108248.	3.6	11
3	An index to account for safety and controllability during the design of a chemical process. Journal of Loss Prevention in the Process Industries, 2021, 70, 104427.	3.3	3
4	Dividing-Wall Column Design: Analysis of Methodologies Tailored to Process Simulators. Processes, 2021, 9, 1189.	2.8	4
5	Solvent Selection using CAMD for the Solid-liquid Extraction of Bioactive Compounds from Agroindustrial Waste from Avocado (Persea Americana). Computer Aided Chemical Engineering, 2020, 48, 1621-1626.	0.5	0
6	Dynamic transitions in a reactive distillation column for the production of silicon precursors. Computer Aided Chemical Engineering, 2019, 46, 1333-1338.	0.5	0
7	A new index for chemical process design considering risk analysis and controllability. Computer Aided Chemical Engineering, 2019, , 373-378.	0.5	10
8	Polyphenolic Profile and Antioxidant Activity of Leaf Purified Hydroalcoholic Extracts from Seven Mexican Persea americana Cultivars. Molecules, 2019, 24, 173.	3.8	34
9	Evaluation of the Use of Energy in the Production of Sweet Sorghum (Sorghum Bicolor (L.) Moench) under Different Production Systems. Energies, 2019, 12, 1713.	3.1	13
10	Dividing-wall columns: Design and control of a kaibel and a satellite distillation column for BTX separation. Chemical Engineering and Processing: Process Intensification, 2017, 114, 1-15.	3.6	41
11	Optimal design of a multi-product reactive distillation system for silanes production. Computers and Chemical Engineering, 2017, 105, 132-141.	3.8	25
12	Design of an energy-efficient side-stream extractive distillation system. Computers and Chemical Engineering, 2017, 102, 17-25.	3.8	93
13	Multi-Product Reactive Distillation for Silanes Production. Computer Aided Chemical Engineering, 2016, 38, 745-750.	0.5	0
14	Risk Analysis Applied to Bioethanol Dehydration Processes: Azeotropic Distillation versus Extractive Distillation. Computer Aided Chemical Engineering, 2015, , 1835-1840.	0.5	2
15	Development of inherently safer distillation systems. Journal of Loss Prevention in the Process Industries, 2014, 29, 225-239.	3.3	63
16	An Approach for Solvent Selection in Extractive Distillation Systems Including Safety Considerations. Industrial & Engineering Chemistry Research, 2014, 53, 12023-12031.	3.7	49
17	A mathematical programming model for optimal layout considering quantitative risk analysis. Computers and Chemical Engineering, 2014, 68, 165-181.	3.8	37