

Salvador Tututi-Avila

List of Publications by Year in descending order

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17
papers

341
citations

933447

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1125743

13
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17
all docs

17
docs citations

17
times ranked

206
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	Thermodynamic simulation of an absorption heat pump-transformer-power cycle operating with the ammonia-water mixture. Applied Thermal Engineering, 2021, 182, 116174.	6.0	8
3	Temperature control of a Kaibel, Agrawal and Sargent dividing-wall distillation columns. Chemical Engineering and Processing: Process Intensification, 2021, 159, 108248.	3.6	11
4	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
5	Dividing-Wall Column Design: Analysis of Methodologies Tailored to Process Simulators. Processes, 2021, 9, 1189.	2.8	4
6	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
7	An approach for dynamic transitions in multiproduct reactive distillation columns. Chemical Engineering and Processing: Process Intensification, 2020, 153, 107967.	3.6	13
8	Dynamic transitions in a reactive distillation column for the production of silicon precursors. Computer Aided Chemical Engineering, 2019, 46, 1333-1338.	0.5	0
9	A new index for chemical process design considering risk analysis and controllability. Computer Aided Chemical Engineering, 2019, , 373-378.	0.5	10
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	Analysis of Multi-Loop Control Structures of Dividing-Wall Distillation Columns Using a Fundamental Model. Processes, 2014, 2, 180-199.	2.8	13
15	Control analysis of an extractive dividing-wall column used for ethanol dehydration. Chemical Engineering and Processing: Process Intensification, 2014, 82, 88-100.	3.6	93
16	Control of Dividing-Wall Columns via Fuzzy Logic. Industrial & Engineering Chemistry Research, 2013, 52, 7492-7503.	3.7	16
17	Nonlinear MIMO Control of a Continuous Cooling Crystallizer. Modelling and Simulation in Engineering, 2012, 2012, 1-11.	0.7	0