

# Salvador Tututi-Avila

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1749854/publications.pdf>

Version: 2024-02-01

17  
papers

341  
citations

933447

10  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control analysis of an extractive dividing-wall column used for ethanol dehydration. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014, 82, 88-100.	3.6	93
2	Design of an energy-efficient side-stream extractive distillation system. <i>Computers and Chemical Engineering</i> , 2017, 102, 17-25.	3.8	93
3	Dividing-wall columns: Design and control of a kaibel and a satellite distillation column for BTX separation. <i>Chemical Engineering and Processing: Process Intensification</i> , 2017, 114, 1-15.	3.6	41
4	Optimal design of a multi-product reactive distillation system for silanes production. <i>Computers and Chemical Engineering</i> , 2017, 105, 132-141.	3.8	25
5	Control of Dividing-Wall Columns via Fuzzy Logic. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 7492-7503.	3.7	16
6	Analysis of Multi-Loop Control Structures of Dividing-Wall Distillation Columns Using a Fundamental Model. <i>Processes</i> , 2014, 2, 180-199.	2.8	13
7	An approach for dynamic transitions in multiproduct reactive distillation columns. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 153, 107967.	3.6	13
8	Temperature control of a Kaibel, Agrawal and Sargent dividing-wall distillation columns. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 159, 108248.	3.6	11
9	Optimal design and control of three simplified sargent four-product dividing-wall columns. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 174, 108860.	3.6	11
10	A new index for chemical process design considering risk analysis and controllability. <i>Computer Aided Chemical Engineering</i> , 2019, , 373-378.	0.5	10
11	Thermodynamic simulation of an absorption heat pump-transformer-power cycle operating with the ammonia-water mixture. <i>Applied Thermal Engineering</i> , 2021, 182, 116174.	6.0	8
12	Dividing-Wall Column Design: Analysis of Methodologies Tailored to Process Simulators. <i>Processes</i> , 2021, 9, 1189.	2.8	4
13	An index to account for safety and controllability during the design of a chemical process. <i>Journal of Loss Prevention in the Process Industries</i> , 2021, 70, 104427.	3.3	3
14	Nonlinear MIMO Control of a Continuous Cooling Crystallizer. <i>Modelling and Simulation in Engineering</i> , 2012, 2012, 1-11.	0.7	0
15	Multi-Product Reactive Distillation for Silanes Production. <i>Computer Aided Chemical Engineering</i> , 2016, 38, 745-750.	0.5	0
16	Dynamic transitions in a reactive distillation column for the production of silicon precursors. <i>Computer Aided Chemical Engineering</i> , 2019, 46, 1333-1338.	0.5	0
17	Solvent Selection using CAMD for the Solid-liquid Extraction of Bioactive Compounds from Agroindustrial Waste from Avocado ( <i>Persea Americana</i> ). <i>Computer Aided Chemical Engineering</i> , 2020, 48, 1621-1626.	0.5	0