

# Adilson Assis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3686199/publications.pdf>

Version: 2024-02-01

12  
papers

413  
citations

1163117

8  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft sensors development for on-line bioreactor state estimation. Computers and Chemical Engineering, 2000, 24, 1099-1103.	3.8	196
2	Modeling of Fertilizer Drying in Roto-Aerated and Conventional Rotary Dryers. Drying Technology, 2009, 27, 1192-1198.	3.1	62
3	Conventional and modified rotary dryer: Comparison of performance in fertilizer drying. Chemical Engineering and Processing: Process Intensification, 2009, 48, 1414-1418.	3.6	54
4	Hydrogen production from methane reforming: Thermodynamic assessment and autothermal reactor design. Journal of Natural Gas Science and Engineering, 2009, 1, 205-215.	4.4	47
5	Thermodynamic assessment of hydrogen production and cobalt oxidation susceptibility under ethanol reforming conditions. Energy, 2011, 36, 4385-4395.	8.8	17
6	Hydrogen production from methane steam reforming: parametric and gradient based optimization of Pd-based membrane reactor. Optimization and Engineering, 2010, 11, 441-458.	2.4	12
7	Interactive supervision of batch distillation with advanced control capabilities. Computers and Chemical Engineering, 1998, 22, S867-S870.	3.8	10
8	Concurrent moving bed dryer modelling: Sensitivity of physicochemical parameters and influence of air velocity profiles. Applied Thermal Engineering, 2009, 29, 892-897.	6.0	9
9	Concurrent drying of soybean seeds: the effect of the radial air profile. Brazilian Journal of Chemical Engineering, 2005, 22, 311-318.	1.3	3
10	Plant wide simulation using the free chemical process simulator Sim42: Natural gas separation and reforming. Computer Applications in Engineering Education, 2010, 18, 476-484.	3.4	2
11	Effect of Radial Air Profiles on a Countercurrent Moving Bed Drying. Food and Bioprocess Technology, 2007, 85, 241-246.	3.6	1
12	Optimization of a Computer Simulated Styrene Plant by Surface Response and Environmental Impact Evaluation. Chemical Product and Process Modeling, 2019, 14, .	0.9	0