

Nenad Bolf

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

93
citations

1478505

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h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced operation and monitoring the economic performance of ammonia production based on natural gas steam reforming by using programmed feedforward "Ratio" Cascade controllers. Chemical Engineering Communications, 2022, 209, 774-797.	2.6	1
2	Fouling Detection in Industrial Heat Exchanger Using Number of Transfer Units Method, Neural Network, and Nonlinear Finite Impulse Response Models. Heat Transfer Engineering, 2022, 43, 1852-1866.	1.9	2
3	Advanced Operation of the Steam Methane Reformer by Using Gain-Scheduled Model Predictive Control. Industrial & Engineering Chemistry Research, 2020, 59, 3458-3474.	3.7	11
4	Integrated Method of Monitoring and Optimization of Steam Methane Reformer Process. Processes, 2020, 8, 408.	2.8	7
5	Development of soft sensors for isomerization process based on support vector machine regression and dynamic polynomial models. Chemical Engineering Research and Design, 2019, 149, 95-103.	5.6	34
6	Soft sensors model optimization and application for the refinery real-time prediction of toluene content. Chemical Engineering Communications, 2018, 205, 411-421.	2.6	2
7	SOFT SENSOR MODELS FOR A FRACTIONATION REFORMATE PLANT USING SMALL AND BOOTSTRAPPED DATA SETS. Brazilian Journal of Chemical Engineering, 2018, 35, 745-756.	1.3	5
8	Development of inferential models for fractionation reformat unit. , 2017, , .		1
9	Soft Sensor Development for the Estimation of Benzene Content in Catalytic Reformate. Industrial & Engineering Chemistry Research, 2012, 51, 3007-3014.	3.7	4
10	SOFT SENSORS FOR SPLITTER PRODUCT PROPERTY ESTIMATION IN CDU. Chemical Engineering Communications, 2011, 198, 1566-1578.	2.6	9
11	Evaluating rebar corrosion damage in RC structures exposed to marine environment using neural network. Civil Engineering and Environmental Systems, 2007, 24, 15-32.	0.9	7
12	Nitrate removal with bacterial cells attached to quartz sand and zeolite from salty wastewaters. World Journal of Microbiology and Biotechnology, 2007, 23, 1595-1603.	3.6	10
13	Process control teaching on laboratory plant supported by intelligent tutoring system. , 2003, , .		0