Faisal Ahmed

List of Publications by Year
in descending order

11 papers	257 citations	1163117 8 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	324 citing authors

#	Article	IF	Citations
1	Comprehensive Comparison of Hetero-Homogeneous Catalysts for Fatty Acid Methyl Ester Production from Non-Edible Jatropha curcas Oil. Catalysts, 2021, 11, 1420.	3.5	7
2	Membrane separation processes for dehydration of bioethanol from fermentation broths: Recent developments, challenges, and prospects. Renewable and Sustainable Energy Reviews, 2019, 105, 427-443.	16.4	94
3	A comparative study of teaching-learning-self-study algorithms on benchmark function optimization. Korean Journal of Chemical Engineering, 2017, 34, 628-641.	2.7	1
4	A Fast Converging and Consistent Teaching-Learning-Self-Study Algorithm for Optimization: A Case Study of Tuning of LSSVM Parameters for the Prediction of NOx Emissions from a Tangentially Fired Pulverized Coal Boiler. Journal of Chemical Engineering of Japan, 2017, 50, 273-290.	0.6	12
5	A Kinetic Study for the Noncatalytic Esterification of Palm Fatty Acid Distillate. International Journal of Chemical Kinetics, 2015, 47, 489-500.	1.6	2
6	Prediction of NOx Emission from Coal Fired Power Plant Based on Real-Time Model Updates and Output Bias Update. Journal of Chemical Engineering of Japan, 2015, 48, 35-43.	0.6	9
7	A real-time model based on least squares support vector machines and output bias update for the prediction of NO x emission from coal-fired power plant. Korean Journal of Chemical Engineering, 2015, 32, 1029-1036.	2.7	31
8	Life-cycle greenhouse gas emissions and energy balances of a biodiesel production from palm fatty acid distillate (PFAD). Applied Energy, 2013, 111, 479-488.	10.1	27
9	Statistical data modeling based on partial least squares: Application to melt index predictions in high density polyethylene processes to achieve energy-saving operation. Korean Journal of Chemical Engineering, 2013, 30, 11-19.	2.7	12
10	A New Soft Sensor Based on Recursive Partial Least Squares for Online Melt Index Predictions in Grade-Changing HDPE Operations. Chemical Product and Process Modeling, 2009, 4, .	0.9	8
11	A recursive PLS-based soft sensor for prediction of the melt index during grade change operations in HDPE plant. Korean Journal of Chemical Engineering, 2009, 26, 14-20.	2.7	54