

# Imran Rahman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8497023/publications.pdf>

Version: 2024-02-01

14  
papers

378  
citations

1478505

6  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ring opening polymerization of lactide: kinetics and modeling. <i>Chemical Engineering Communications</i> , 2019, 206, 1159-1167.	2.6	14
2	Recursive orthogonal least squares based adaptive control of a polymerisation reactor. <i>Indian Chemical Engineer</i> , 2019, 61, 236-247.	1.5	2
3	A deep learning based data driven soft sensor for bioprocesses. <i>Biochemical Engineering Journal</i> , 2018, 136, 28-39.	3.6	75
4	Optimization of Pressure-Swing Distillation by Evolutionary Techniques: Separation of Ethanol-Water and Acetonitrile-Water Mixtures. <i>Chemical Product and Process Modeling</i> , 2018, 13, .	0.9	1
5	Recursive Orthogonal Least Square Based Soft Sensor for Batch Distillation. <i>Chemical Product and Process Modeling</i> , 2016, 11, 241-263.	0.9	1
6	Optimization of the production of a maltooligosaccharides producing amylase from the alkalophilic <i>Streptomyces lonarensis</i> strain NCL 716 using SVR Modeling. <i>Starch/Staerke</i> , 2013, 65, 179-185.	2.1	6
7	Design of decanter in heterogeneous azeotropic distillation column by minimizing Gibbs free energy. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013, 8, 843-848.	1.5	1
8	Purification of Lactic Acid via Esterification of Lactic Acid Using a Packed Column, Followed by Hydrolysis of Methyl Lactate Using Three Continuously Stirred Tank Reactors (CSTRs) in Series: A Continuous Pilot Plant Study. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 1506-1514.	3.7	29
9	Optimization of Continuous Extraction Column and Solvent Selection Using Differential Evolution Technique. <i>Journal of the Institution of Engineers (India): Series E</i> , 2012, 93, 49-54.	0.9	1
10	Optimisation of Ethylbenzene Conversion and Selectivity of p-diethylbenzene Using Differential Evolution Technique via OLS Modelling. <i>Indian Chemical Engineer</i> , 2010, 52, 87-98.	1.5	1
11	Evaluation of repulsive particle swarm method for phase equilibrium and phase stability problems. <i>Fluid Phase Equilibria</i> , 2009, 282, 65-67.	2.5	27
12	Pilot Plant Study of Recovery of Lactic Acid from Ethyl Lactate. <i>Organic Process Research and Development</i> , 2009, 13, 573-575.	2.7	6
13	Optimization of a Continuous Process for the Recovery of Lactic Acid Using Differential Evolution Algorithm. <i>Chemical Product and Process Modeling</i> , 2008, 3, .	0.9	4
14	Comparative assessment of downstream processing options for lactic acid. <i>Separation and Purification Technology</i> , 2006, 52, 1-17.	7.9	209