Mansour Emtir

List of Publications by Year
in descending order

14 papers	256 citations	1163117 8 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	258 citing authors

#	Article	IF	Citations
1	Rigorous simulation of energy integrated and thermally coupled distillation schemes for ternary mixture. Applied Thermal Engineering, 2001, 21, 1299-1317.	6.0	68
2	Energy savings of integrated and coupled distillation systems. Computers and Chemical Engineering, 2001, 25, 119-140.	3.8	57
3	Significant thermal energy reduction in lactic acid production process. Applied Energy, 2012, 89, 74-80.	10.1	33
4	Recovery of aromatics from pyrolysis gasoline by conventional and energy-integrated extractive distillation. Computer Aided Chemical Engineering, 2007, 24, 1071-1076.	0.5	23
5	Rigorous optimization of heat-integrated and Petlyuk column distillation configurations based on feed conditions. Clean Technologies and Environmental Policy, 2009, 11, 107-113.	4.1	21
6	Flexible Design and Operation of Multi-Stage Flash (MSF) Desalination Process Subject to Variable Fouling and Variable Freshwater Demand. Processes, 2013, 1, 279-295.	2.8	17
7	Enhancement of conventional distillation configurations for ternary mixtures separation. Clean Technologies and Environmental Policy, 2009, 11, 123-131.	4.1	16
8	Comparison of integrated and coupled distillation schemes using different utility prices. Computers and Chemical Engineering, 1999, 23, S799-S802.	3.8	9
9	Modelling and simulation of the effect of non-condensable gases on heat transfer in the MSF desalination plants using gPROMS software. Computer Aided Chemical Engineering, 2010, , 25-30.	0.5	3
10	Energy savings of integrated and coupled distillation systems. Computers and Chemical Engineering, 1999, 23, S89-S92.	3.8	2
11	Optimal design and operation of multivessel batch distillation column with fixed product demand and strict product specifications. Computer Aided Chemical Engineering, 2008, , 253-258.	0.5	2
12	Improving the Maximum Conversion of Ethanol Esterification. Chemical Product and Process Modeling, 2008, 3, .	0.9	2
13	Optimisation of Design, Operation and Scheduling of Batch Reactive Distillation Process with Strict Product Specification and Fixed Product Demand using gPROMS. Computer Aided Chemical Engineering, 2009, 26, 411-415.	0.5	2
14	Energy Saving in Conventional and Unconventional Batch Reactive Distillation: Application to Hydrolysis of Methyl Lactate System. Computer Aided Chemical Engineering, 2014, 33, 1261-1266.	0.5	1