

# S Shafiei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7091378/publications.pdf>

Version: 2024-02-01

13  
papers

248  
citations

1163117

8  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

226  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing water consumption of an industrial plant cooling unit using hybrid cooling tower. Energy Conversion and Management, 2010, 51, 311-319.	9.2	55
2	Heat exchanger networks retrofit by coupling genetic algorithm with NLP and ILP methods. Computers and Chemical Engineering, 2009, 33, 1451-1459.	3.8	47
3	Heat exchanger networks retrofit with considering pressure drop by coupling genetic algorithm with LP (linear programming) and ILP (integer linear programming) methods. Energy, 2011, 36, 2381-2391.	8.8	44
4	Multiobjective optimization of reactive distillation with thermal coupling using non-dominated sorting genetic algorithm-II. Journal of Natural Gas Science and Engineering, 2011, 3, 365-374.	4.4	22
5	Adiabatic reactor network synthesis using coupled genetic algorithm with quasi linear programming method. Chemical Engineering Science, 2015, 137, 601-612.	3.8	18
6	Insight into Heterogeneity Effects in Methane Hydrate Dissociation via Pore-Scale Modeling. Transport in Porous Media, 2018, 124, 183-201.	2.6	16
7	Application of ACOR to find optimal no stream splitting heat exchanger networks for pre-designed heat exchanger networks. Chemical Engineering Research and Design, 2015, 96, 158-171.	5.6	15
8	Optimal control of amine plant using non-dominated sorting genetic algorithm-II. Journal of Natural Gas Science and Engineering, 2010, 2, 284-292.	4.4	9
9	Water Flux Reduction in Microfiltration Membranes: A Pore Network Study. Chemical Engineering and Technology, 2018, 41, 1566-1576.	1.5	8
10	Kinetics of Catalytic Ozonation of Methyl <i>tert</i> -Butyl Ether in the Presence of Perfluorooctyl Alumina. Chemical Engineering and Technology, 2009, 32, 778-788.	1.5	5
11	Synthesis, characterization, and application of nano-perfluorooctyl alumina for adsorption of methyl tertiary-butyl ether (MTBE) from aqueous medium. Desalination and Water Treatment, 2016, 57, 11807-11819.	1.0	5
12	A new approach for the optimization of nonsharp distillation superstructures. Asia-Pacific Journal of Chemical Engineering, 2018, 13, e2151.	1.5	4
13	Letter to the Editor on "Approximate solutions for gas permeator separating binary mixtures". Membr. Sci. 66 (1992) 103-118]. Journal of Membrane Science, 2014, 454, 109-110.	8.2	0