

# Muhammad Qasim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6179080/publications.pdf>

Version: 2024-02-01

16  
papers

1,368  
citations

933264

10  
h-index

1058333

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1467  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reverse osmosis desalination: A state-of-the-art review. Desalination, 2019, 459, 59-104.	4.0	765
2	Water desalination by forward (direct) osmosis phenomenon: A comprehensive review. Desalination, 2015, 374, 47-69.	4.0	206
3	Nuclear desalination: A state-of-the-art review. Desalination, 2019, 457, 39-61.	4.0	122
4	Copper sulfate as draw solute in forward osmosis desalination. Journal of Environmental Chemical Engineering, 2013, 1, 424-430.	3.3	68
5	A Critical Review on the Use of Ionic Liquids in Proton Exchange Membrane Fuel Cells. Membranes, 2022, 12, 178.	1.4	49
6	Draw solute recovery by metathesis precipitation in forward osmosis desalination. Desalination and Water Treatment, 2013, 51, 5516-5525.	1.0	45
7	Forward osmosis desalination using ferric sulfate draw solute. Desalination, 2017, 423, 12-20.	4.0	37
8	Optimization of triethylene glycol dehydration of natural gas. Energy Reports, 2019, 5, 723-732.	2.5	35
9	Ultrasound-assisted forward osmosis desalination using inorganic draw solutes. Ultrasonics Sonochemistry, 2020, 61, 104810.	3.8	14
10	Methodological framework for economical and controllable design of heat exchanger networks: Steady-state analysis, dynamic simulation, and optimization. Applied Thermal Engineering, 2016, 104, 439-449.	3.0	12
11	Measurement and correlation of isobaric binary vapor-liquid equilibria for water and 2-propanol each with 1-butyl-1-methylpyrrolidinium chloride and 1-butyl-1-methylpyrrolidinium trifluoromethanesulfonate. Journal of Molecular Liquids, 2018, 264, 534-542.	2.3	5
12	Drying Kinetics of Eggplant ( <i>Solanum melongena</i> ) in a Fluidized Bed Dryer: Experimental Evaluation and Modelling. Journal of Food Processing, 2015, 2015, 1-10.	2.0	4
13	Generalized binary interaction parameters for hydrogen-heavy-n-alkane systems using Peng-Robinson equation of state. Chemical Engineering Communications, 2018, 205, 1226-1238.	1.5	4
14	Optimization and Cost-Oriented Comparison of Ammonia- and Propane-Compression Refrigeration for the Recovery of Natural Gas Liquids. Energy Technology, 2013, 1, 573-580.	1.8	1
15	Prediction of stability limits and critical conditions of binary liquid mixtures containing nitro-methane using the NRTL model. Fluid Phase Equilibria, 2013, 360, 146-155.	1.4	1
16	Stability limits and consolute critical conditions for liquid mixtures. Chemical Engineering Communications, 2018, 205, 12-22.	1.5	0