

# Bizhan Honarvar

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

154  
citations

1307594

7  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical modelling for extraction of oil from <i>Dracocephalum kotschyi</i> seeds in supercritical carbon dioxide. <i>Natural Product Research</i> , 2018, 32, 795-803.	1.8	50
2	Synergic Impacts of Two Non-ionic Natural Surfactants and Low Salinity Water on Interfacial Tension Reduction, Wettability Alteration and Oil Recovery: Experimental Study on Oil Wet Carbonate Core Samples. <i>Natural Resources Research</i> , 2020, 29, 4003-4016.	4.7	19
3	First principles versus artificial neural network modelling of a solar desalination system with experimental validation. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2020, 26, 453-480.	2.2	12
4	Investigation of Interfacial Tension Reduction, Wettability Alteration, and Oil Recovery Using a New Non-ionic Oil-Based Surfactant from Gemini Surfactants Family Coupled with Low Salinity Water: Experimental Study on Oil Wet Carbonate Rock. <i>Journal of Surfactants and Detergents</i> , 2020, 23, 821-829.	2.1	12
5	Experimental investigation of the effect of using the cylindrical parabolic collector, different solar panels and their cooling on seawater desalination in double-slope solar still. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2021, 43, 107-119.	2.3	12
6	Effect of Cu-MOFs incorporation on gas separation of Pebax thin film nanocomposite (TFN) membrane. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 121-128.	2.7	11
7	Experimental Optimization and Modeling of Supercritical Fluid Extraction of Oil from <i>Pinus gerardiana</i> . <i>Chemical Engineering and Technology</i> , 2021, 44, 578-588.	1.5	9
8	Investigation of thermophysical properties of nanofluids containing poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (alcohol)-fu	3.6	6
9	Experimental survey of temperature, time and cross-linking agent effects on polydimethylsiloxane composite membranes performances in sulfur removal. <i>International Journal of Industrial Chemistry</i> , 2018, 9, 177-183.	3.1	5
10	Investigation of the impact of polymer gels on water and gas production in Homa gas field using well and reservoir modeling. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, , 1-14.	2.3	5
11	Supercapacitor Electrode. Formation Based on Thoil-Functionalized Graphene Oxide. <i>Russian Journal of Applied Chemistry</i> , 2020, 93, 1160-1171.	0.5	3
12	Investigation of lead adsorption from synthetic effluents by modified activated carbon particles using the response surface methodology. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	3
13	A mathematical modelling to extract active ingredients from <i>Oliveria decumbens</i> by supercritical fluid extraction through using ultrasonic process. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2019, 25, 261-283.	2.2	2
14	Synthesis of highly stable nanofluids including polyvinyl alcohol-treated graphene oxide for improved heat dissipation in a tubular heat exchanger. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 13-25.	3.6	2
15	ANN Modeling and experimental study of the effect of various factors on solar desalination. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2021, 70, 41-57.	1.4	2
16	Experimental and theoretical investigation about the effect of nano-coating on heating load. <i>International Journal of Industrial Chemistry</i> , 2020, 11, 147-159.	3.1	1
17	DETERMINATION OF PHYSICAL PROPERTIES OF POMEGRANATE DURING BULK DRYING IN AN INERT MEDIUM FLUIDIZED BED DRYER ASSISTED INFRARED HEAT SOURCE. , 2009, , .		0
18	On prediction of carbon dioxide solubility in aqueous systems of NaCl using LSSVM algorithm. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, , 1-10.	2.3	0

#	ARTICLE	IF	CITATIONS
19	Investigation of the origins of rapid gas-water contact rise and excess water production in naturally fractured reservoirs: a case study. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-12.	2.3	0
20	Experimental and modeling investigation of using drag reducing agents as the wax depositions inhibitor in a simulated scaled pipeline. Petroleum Science and Technology, 2021, 39, 909-925.	1.5	0