

# Mohammad Reza Rokhforouz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6795769/publications.pdf>

Version: 2024-02-01

11  
papers

251  
citations

1307594

7  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-field simulation of counter-current spontaneous imbibition in a fractured heterogeneous porous medium. <i>Physics of Fluids</i> , 2017, 29, .	4.0	91
2	Effects of grain size and shape distribution on pore-scale numerical simulation of two-phase flow in a heterogeneous porous medium. <i>Advances in Water Resources</i> , 2019, 124, 84-95.	3.8	41
3	Pore-level influence of micro-fracture parameters on visco-capillary behavior of two-phase displacements in porous media. <i>Advances in Water Resources</i> , 2018, 113, 260-271.	3.8	33
4	Numerical investigation of two phase flow in micromodel porous media: Effects of wettability, heterogeneity, and viscosity. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 1213-1223.	1.7	31
5	Pore-scale investigation of selective plugging mechanism in immiscible two-phase flow using phase-field method. <i>Oil and Gas Science and Technology</i> , 2019, 74, 78.	1.4	18
6	Numerical modeling of water oil two-phase flow during counter-current spontaneous imbibition in porous media at pore-scale. <i>Petroleum Science and Technology</i> , 2020, 38, 1040-1053.	1.5	11
7	Numerical analysis of two-phase flow in heterogeneous porous media during pre-flush stage of matrix acidizing: Optimization by response surface methodology. <i>Physics of Fluids</i> , 2021, 33, .	4.0	11
8	Experimental and mathematical analysis of electroformed rotating cone electrode. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 724-729.	2.7	5
9	NUMERICAL ANALYSIS OF HEAT CONDUCTION TREATED WITH HIGHLY CONDUCTIVE COPPER OXIDE NANOPARTICLES IN POROUS MEDIA. <i>Special Topics and Reviews in Porous Media</i> , 2016, 7, 149-160.	1.1	5
10	Pore-level Influence of Wettability on Counter-current Spontaneous Imbibition. , 2017, , .		5
11	Simulation and control of membrane reactors for catalytic reduction of dissolved oxygen from water. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 912-925.	1.7	0