

# Sajad Rezazadeh

## List of Publications by Year in descending order

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16  
papers

146  
citations

1307594

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1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the operating pressure and GDL geometrical configuration effect on PEM fuel cell performance. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2016, 38, 2311-2325.	1.6	31
2	Modeling of polymer electrolyte membrane fuel cell with circular and elliptical cross-section gas channels: A novel procedure. International Journal of Energy Research, 2018, 42, 2805-2822.	4.5	20
3	Three-dimensional numerical analysis of proton exchange membrane fuel cell. Journal of Mechanical Science and Technology, 2011, 25, 2665-2673.	1.5	14
4	NUMERICAL INVESTIGATION OF THE EFFECT OF INLET GASES HUMIDITY ON POLYMER EXCHANGE MEMBRANE FUEL CELL (PEMFC) PERFORMANCE.. Transactions of the Canadian Society for Mechanical Engineering, 2013, 37, 1-20.	0.8	12
5	Numerical investigation of gas channel shape effect on proton exchange membrane fuel cell performance. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2015, 37, 789-802.	1.6	12
6	A computational study of a three-dimensional proton exchange membrane fuel cell (PEMFC) with conventional and deflected membrane electrode assembly. Journal of Mechanical Science and Technology, 2012, 26, 2959-2968.	1.5	11
7	Increment of mixing quality of Newtonian and non-Newtonian fluids using T-shape passive micromixer: numerical simulation. Microsystem Technologies, 2021, 27, 189-199.	2.0	11
8	Numerical investigation of heat transfer and mixing process phenomena inside a channel containing a triangular bluff body and elastic micro-beam: gap spacing and geometric characteristic effects. Microfluidics and Nanofluidics, 2022, 26, 1.	2.2	7
9	A numerical study of droplet splitting in branched T-shaped microchannel using the two-phase level-set method. Advances in Mechanical Engineering, 2021, 13, 168781402110454.	1.6	6
10	Investigation of different geometrical configurations effect on mixing performance of passive split-and-recombine micromixer. Microfluidics and Nanofluidics, 2021, 25, 1.	2.2	5
11	Study the Effect of Various Operating Parameters of Proton Exchange Membrane. Periodica Polytechnica: Chemical Engineering, 2015, 59, 221-235.	1.1	4
12	Modelling of gas transport in proton exchange membrane fuel cells. Proceedings of Institution of Civil Engineers: Energy, 2017, 170, 163-179.	0.6	4
13	Investigation of solid/liquid interface evolution in the solidification process of liquid metal in an annulus crucible at the presence of static magnetic field: numerical study. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	4
14	Numerical investigation of triangular bluff bodies size effect on heat and mass transfer phenomena: internal flow. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	1.6	4
15	Numerical Investigation of Flow Channel Geometrical Configuration Design Effect on a Proton Exchange Membrane Fuel Cell Performance and Mass Transport Phenomenon. , 2018, , .		1
16	Numerical investigation of step-liked bipolar plates effect on proton exchange membrane fuel cell performance. , 2017, , .		0