

# Hossein Alijani

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

266  
citations

1163117

8  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

175  
citing authors

#	ARTICLE	IF	CITATIONS
1	HIZLI VE Ã–NGÃ–RÃœLÃœ ISI BORUSU TASARIM VE ANALÄZ ARACI: H-PAT. Isi Bilimi Ve Teknigi Dergisi/ Journal of Thermal Science and Technology, 2022, 42, 141-156.	0.6	3
2	The effects of baffle configuration and number on inertial mixing in a curved serpentine micromixer: Experimental and numerical study. Chemical Engineering Research and Design, 2021, 168, 490-498.	5.6	21
3	Acoustomicrofluidic Synthesis of Pristine Ultrathin Ti <sub>3</sub> C <sub>2</sub> T <sub>z</sub> MXene Nanosheets and Quantum Dots. ACS Nano, 2021, 15, 12099-12108.	14.6	46
4	Interplay of transport mechanisms during the evaporation of a pinned sessile water droplet. Physical Review Fluids, 2021, 6, .	2.5	7
5	Performance of a flat grooved heat pipe with a localized heat load. E3S Web of Conferences, 2021, 321, 04010.	0.5	0
6	An ISFET Sensor-Integrated Micromixer for pH Measurements. , 2020, , .		1
7	The effect of surface morphology on the rate of phase change of micron and sub-micron sized 2-D droplets. Nanoscale and Microscale Thermophysical Engineering, 2020, 24, 184-200.	2.6	0
8	Limitations of Matching Condensing Film Profile on a Micro Fin with the Groove: Critical Effect of Disjoining Pressure. Nanoscale and Microscale Thermophysical Engineering, 2019, 23, 289-303.	2.6	4
9	The effect of disjoining pressure on the shape of condensing films in a fin-groove corner. International Journal of Thermal Sciences, 2019, 142, 357-365.	4.9	10
10	Inertial Micromixing in Curved Serpentine Micromixers with Different Curve Angles. Fluids, 2019, 4, 204.	1.7	12
11	Experimental Thermal Performance Characterization of Flat Grooved Heat Pipes. Heat Transfer Engineering, 2019, 40, 784-793.	1.9	25
12	Effect of design and operating parameters on the thermal performance of aluminum flat grooved heat pipes. Applied Thermal Engineering, 2018, 132, 174-187.	6.0	54
13	Microparticle Inertial Focusing in an Asymmetric Curved Microchannel. Fluids, 2018, 3, 57.	1.7	6
14	Two-dimensional computational modeling of thin film evaporation. International Journal of Thermal Sciences, 2017, 121, 237-248.	4.9	28
15	A new approach to thin film evaporation modeling. International Journal of Heat and Mass Transfer, 2016, 101, 742-748.	4.8	41
16	Three-dimensional grain design optimization of solid rocket motors. , 2015, , .		2
17	Heat transfer effects on the stability of low speed plane Couette-Poiseuille flow. Heat and Mass Transfer, 2007, 43, 1317-1328.	2.1	6