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Education

- ✓ MS, Mechanical Engineering-Thermo Fluids,Sistan and Baluchestan University - 2009
- ✓ PhD, Mechanical Engineering,Sistan and Baluchestan University - 2015

Courses

- | | |
|-------------------------------|--------------------------------|
| 1. Heat Transfer 2 | 2. Computer Programming |
| 3. Heat Transfer 1 | 4. Advanced Numerical Analyses |
| 5. Fluid Mechanics 2 | 6. Mechanical Systems |
| 7. micro flows and nano flows | 8. Fluid Mechanics |

Journals Papers

2020

1. Pool boiling enhancement on biphilic micropillar arrays: Control on the thin film evaporation and rewetting flow

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NUMERICAL HEAT TRANSFER PART A-APPLICATIONS Volume: (78) 60 - 72

2019

2. Design of a capillary driven microfluidic cooling system using non-uniform cross section microchannel

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Volume: (19) 1319 - 1325

3. Reliability and reliability-based sensitivity analysis of shell and tube heat exchangers using Monte Carlo Simulation

Hassan Azarkish, Mohsen Rashki

APPLIED THERMAL ENGINEERING Volume: (159) 113842 -1 - 113842 -11

4. Classification correction of polynomial response surface methods for accurate reliability estimation

Mohsen Rashki, Hassan Azarkish, Mehdi Rostamian, Abdolhamid Bahr Peyma

STRUCTURAL SAFETY Volume: (81) 1 - 12

2018

5. Numerical parametric study of a hotspot-targeted microfluidic cooling array for microelectronics

Gerard Laguna, Montse Vilarrubi, Manel Ibanez, Yina Betancourt, Josep Illa, Hassan Azarkish, Amrid A

APPLIED THERMAL ENGINEERING Volume: (144) 71 - 80

2015

6. Experimental and numerical investigation of a shaped microchannel evaporator for a micro Rankine cycle application.

Hassan Azarkish, Arslan Selin, Behzadmehr Amin, Fanaei Sheikholeslami Tahere, Hosseini Sarvari Seyye

INTERNATIONAL JOURNAL OF THERMAL SCIENCES Volume: () 191 - 200

7. Water evaporation phenomena on micro and nanostructured surfaces.

Hassan Azarkish, Behzadmehr Amin, Fanaei Sheikholeslami Tahereh, Hosseini Sarvari Seyyed Masoud, Fre

INTERNATIONAL JOURNAL OF THERMAL SCIENCES Volume: (90) 112 - 121

2014

8. A novel silicon bi-textured micropillar array to provide fully evaporated steam for a micro-Rankine cycle application.

Hassan Azarkish, Behzadmehr Amin, Fanaei Sheikholeslami Tahereh, Hosseini Sarvari Seyyed Masoud, Fre

JOURNAL OF PHYSICS D-APPLIED PHYSICS Volume: (47) 475301 -

Conferences Papers

2017

1. Self-adaptive microvalve array for energy efficient fluidic cooling in microelectronic systems

16th IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (ITherm) 2017

Hassan Azarkish, Jerome Barrau, Perceval Coudrain, Guillaume Savelli, Louis-Michel Collin, Luc G Frechette