



Hamid Moghadam Deymeh

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Faculty : Engineering

Departments : chemical engineering

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University of Sistan and Baluchestan, Daneshgah Ave., Zahedan,
Iran.

Education

- ✓ B.Sc, Chemical Engineering, Gachsaran Islamic Azad University - 2004
- ✓ MS, Chemical Engineering, Sistan and Baluchestan University - 2008
- ✓ PhD, Chemical Engineering, Sistan and Baluchestan University - 2014

Courses

- | | |
|--|--|
| 1. zindustrial chemistry lab | 2. zindustrial chemistry 2 |
| 3. workshop on chemical engineering soft wares | 4. Material and energy balance |
| 5. Fundamental of Computer and Programming | 6. Gas Processes I |
| 7. Chemical engineering thermodynamics I | 8. Industrial Chemistry Laboratory |
| 9. energy and environment | 10. Gas industries processes |
| 11. advanced chemical engineering thermodynamics | 12. Laboratory of heat transfer |
| 13. Gas transmission and distribution | 14. Gas Processes II |
| 15. Gas transmission and Distibution | 16. Material and energy balance |
| 17. Chemical engineering thermodynamics I | 18. predict the thermodynamic properties |

Thesis

1. pvti

محمد باباخاني, [Hamid Moghadam Deymeh]

Journals Papers

2024

1. Modified evacuated tube collector basin solar still for optimal desalination of reverse osmosis concentrate

Mohsen Samimi, Hamid Moghadam Deymeh

ENERGY Volume: (289) 129983-1 - 129983-8

2. Investigation of structural parameters for inclined weir-type solar stills

Mohsen Samimi, Hamid Moghadam Deymeh

RENEWABLE and SUSTAINABLE ENERGY REVIEWS Volume: (190) 113969-1 - 113969-7

2023

3. Numerical Study on Thermo-Hydraulic Performances of Hybrid Nanofluids Flowing through a Corrugated Channel with Metal Foam

Moslem Abrofarakh, Hamid Moghadam Deymeh

Journal of Heat and Mass Transfer Research Volume: (10) 147 - 158

2022

4. Effect of condenser geometrical feature on evacuated tube collector basin solar still performance: Productivity optimization using a Box-Behnken design model

Hamid Moghadam Deymeh, Mohsen Samimi

DESALINATION Volume: (542) 116092-1 - 116092-8

2019

5. Optimization of calcium alginate beads production by electrospray using response surface methodology

Mozhgan Zakeri, Hamid Moghadam Deymeh, Abdolreza Samimi, Davod Mohebbi Kalhori

Materials Research Express Volume: (6) 095412 -

6. Mono-Size Distribution Index (MSDI): A new criterion for the quantitative description of size distribution

Hamid Moghadam Deymeh, Mozhgan Zakeri, Abdolreza Samimi

Journal of Particle Science and Technology Volume: (5) 71 - 76

2015

7. Determination of optimum location and tilt angle of solar collector on the roof of buildings with regard to shadow of adjacent neighbors

Hamid Moghadam Deymeh,

Sustainable Cities and Society Volume: (14) 215 - 222

8. [Electrospray preparation of propranolol-loaded alginate beads: Effect of matrix reinforcement on loading and release profile](#)

Hamid Moghadam Deymeh, Hamid Moghadam, Abdolreza Samimi, Mohsen Samimi

JOURNAL OF APPLIED POLYMER SCIENCE Volume: (132) 1 - 9

9. [Electrospray preparation of propranolol-loaded alginate beads: Effect of Matrix Reinforcement on loading and release profile](#)

m khorram, , Abdolreza Samimi, Hamid Moghadam Deymeh

JOURNAL OF APPLIED POLYMER SCIENCE Volume: () 1 - 9

Conferences Papers

2022

1. [The reliability evaluation of mechanical strength data of industrial catalysts using Weibull analysis](#)

3rd Iranian Catalyst Conference