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Education

- ✓ B.Sc, Chemical Engineering,Sistan and Baluchestan University - 1988
- ✓ MS, Chemical Engineering,University of Tehran - 1992
- ✓ PhD, Chemical Engineering,Sistan and Baluchestan University - 2013

Courses

1. General Chemistry1
2. Laboratory of heat transfer
3. Laboratory of units operation
4. Supplementry Indutrial unitsoperation
5. Applied Heat tranfer
6. Industrial Graphics 1
7. Access conveyor chemical
8. heat transfer II
9. eneryj and environment
10. menbranes and membrane processes

Master Thesis

1. fabrication of functionally graded tortuosity alumina supports via slip casting route for bone tissue engineering scaffold

فاطمه سرحدی, [Mahdi Shafiee Afarani, Davod Mohebbi Kalhori, Masoud Shayesteh]

نیمسال اول سال تحصیلی 92-93

2. Synthesis of nanosize TiO₂ and TiO₂-WO₃ nanocomposite and investigation of their photocatalysis properties

محبوبه دهستانی, [Mahdi Shafiee Afarani, Masoud Shayesteh,]

نیمسال اول سال تحصیلی 89-90

Journals Papers

2020

1. Ultrasonic-assisted solvothermal synthesis of self-assembled Copper Ferrite nanoparticles

Ahmad Reza Abbasian, Samira Hoseyni ramaghani, Masoud Shayesteh, Mahdi Shafiee Afarani, Masoud Rafiq
International Journal of Nano Dimension Volume: (11) 130 - 144

2. Synthesis of cobalt ferrite colloidal nanoparticle clusters by ultrasonic-assisted solvothermal process

Ahmad Reza Abbasian, Zahra Lorfasai, Masoud Shayesteh, Mahdi Shafiee Afarani
Journal of the Australian Ceramic Society Volume: (56) 1119 - 1126

3. Application of a Novel Surfactant-Modified Natural Nano-Zeolite for Removal of Heavy Metals from Drinking Water

, Alireza Rezvani, Abdolreza Samimi, Masoud Shayesteh
advanced journal of chemistry-section a Volume: (3) 612 - 620

2016

4. Fabrication of alumina porous scaffolds with aligned oriented pores for bone tissue engineering applications

Fateme Sarhadi, Mahdi Shafiee Afarani, Davod Mohebbi Kalhori, Masoud Shayesteh
APPLIED PHYSICS A-MATERIALS SCIENCE and PROCESSING Volume: (122) 1 - 8

5. Synthesis of titania--alumina multilayer nanomembranes on performance-improved alumina supports for wastewater treatment

Masoud Shayesteh, Abdolreza Samimi, Mahdi Shafiee Afarani,
Desalination and Water Treatment Volume: (20) 9115 - 9122

2013

6. Effect of ammonium nitrate on microstructure and permeability characteristics of tubular alumina support using slip casting fabrication method

, Masoud Shayesteh, Mahdi Shafiee Afarani, Abdolreza Samimi
JOURNAL OF CERAMIC PROCESSING RESEARCH Volume: (14) 1 - 4

7. Preparation of Y-alumina and periorietization of affecting factors on the crystallite size using Taguchi method

Masoud Shayesteh, Mahdi Shafiee Afarani, Abdolreza Samimi, Mohammad Khorram
Transport Phenomena in Nano and Micro Scales Volume: (1) 45 - 52

8. Effect of ammonium nitrate on microstructure and permeability characteristics of tubular alumina support using slip casting fabrication method

, Masoud Shayesteh, Mahdi Shafiee Afarani, Abdolreza Samimi

JOURNAL OF CERAMIC PROCESSING RESEARCH Volume: () 472 - 475

Conferences Papers

2017

1. Application of cylindrical Alpha-Alumina as proton exchange membrane in microbial fuel cell

1st International Joint Conference on New Trends In Biotechnology

Azar Mardani ghahfarokhi, Davod Mohebbi Kalhori, Masoud Shayesteh,

2013

2. Photocatalytic activity of Sol gel derived TiO₂ nanoparticles under UV irradiation

The 19th conference of Iranian optics and photonic with the 5th conference of photonic engineering o

2012

3. Fabrication of tubular porous alumina support using slip casting

The 3rd conference of separation science and engineering

2010

4. Synthesis of Gamma alumina membrane by a colloid sol-gel route

13th Iranian National Chemical Engineering Congress

Masoud Shayesteh

2008

5. Study of operational and environmental variables in anaerobic baffled reactors (ABR)

Iranian chemical engineering congress 12

Masoud Shayesteh