

Curriculum Vitae

Personal Information

Name: Amir
Surname: Ghorbanali
Gender: Male, married
Date of Birth: 03/04/1984
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Qualifications

- **M.Sc.** in Chemical Engineering (*September 2008 – March 2011*)
Faculty of Chemical Engineering, Tehran University, Iran
Thesis Title: Adsorption of CO₂ & H₂S from natural gas using carbon nanostructures
- **B.Sc.** in Chemistry (*September 2002 – September 2007*)
Faculty of Chemical Engineering, Arak University, Iran

Work experience

- **2008- present: Iranian Nanotechnology Initiative Council, Tehran, Iran**
 - Director of Iran Nano China Center (2015-present)
 - Director of China Iran Biomedical Engineering Center (2017 – present)
 - Director of Iran National Pavilion/ Hightech (2018-present)
 - Manager of Iran Educational Nano Laboratory Network (IENLN) (2013-2015)
 - Manager of Nanoclub; educational club for student (2010-2013)
 - Manager of 5 years Nano Olympiad
- 2008- 2010: Working part time in the Nanotechnology Laboratory of the *Research Institute of Petroleum Industry of Iran*, under the supervision of **Dr Alimorad Rashidi** on the Adsorption of CO₂ & H₂S from natural gas using carbon nanostructures

ISI Papers:

- A. **A.Ghorbanali** , **M.M. Montazer-Rahmati** , **A.M.Rashidi** , **Effect of Various Parameters on the Synthesis of Activated Carbon Using Phosphoric Acid as Active Agent for Carbon Dioxide Storage**, *Journal of Industrial and Engineering Chemistry*, submitted 2013
- B. **M.Jahangiri**, **J.Adli** , **S.J.Shahtaheri** , **A.M.Rashidi**, **A.Ghorbanali** , **H.kakooe** , **A. Rahimi Forushani** , **M.R.Ganjali** , **Preparation of a new adsorbent from activated carbon and carbon nanofiber for manufacturing organic-vapor respirator cartridge**, *IJEHSE Journal (IF=1.18)*, 2012.
- C. **M.Jahangiri**, **S.J.Shahtaheri** , **J.Adli** , **A.M.Rashidi**, **H.kakooe** , **A. Rahimi Forushani** , **A.Ghorbanali** , **G.Nasiri** , **M.R.Ganjali** , **Preparation of activated carbon from walnut shell and its utilization for manufacturing organic-vapor respirator cartridge**, *Fresenius Environmental Bulletin (IF=0.66)*, 2012
- D. **M.Jahangiri**, **S.J.Shahtaheri** , **J.Adli** , **A.M.Rashidi**, **H.kakooe** , **A. Rahimi Forushani** , **M.R.Ganjali**, **A.Ghorbanali** , **The adsorption of benzene, toluene and xylenes (BTX) on carbon nanostructures: the study of different parameters** , *Fresenius Environmental Bulletin (IF=0.66)*, 2011

Conference Proceedings:

- A. **A.Ghorbanali** , **A.M rashidi** , **M.M.Montazer Rahmati** , **A. Nouralishahi** , **co2 Adsorption on nanoporous activated carbon** , *carbon 2010 conference*
- B. **M.Jahangiri**, **S.J.Shahtaheri** , **J.Adli** , **A.M.Rashidi**, **H.kakooe** , **A. Rahimi Forushani** , **M.R.Ganjali**, **A.Ghorbanali** , **comparison of adsorption of volatile organic compound (VOCs) on different carbon nanomaterials and activated carbon**, *International Congress on Nanoscience and Nanotechnology* , *carbon 2011 conference*