

CURRICULUM VITAE

Full Name: Vahid Jabbari

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EDUCATION

- ❖ Assistant Instructor, Department of Chemistry, University of Texas at El Paso, Texas, USA, 2014-to-present.
- ❖ Master of Science (M.Sc.) Nano-Chemistry, Institute of Nanoscience and Nanotechnology, University of Kashan, Kashan, Iran, 2008-2011.
- ❖ Bachelor of Science (B.Sc.) Pure Chemistry, University of Arak, Arak, Iran, 2004-2008.

ACADEMIC HONORS & PROFESSIONAL EXPERIENCES

- ❖ **Invited Speaker** at following International Conferences and Expos:
 - ◆ “International Conference on Resources & Environmental Sustainable Development (RESO)”, July 20-21, 2013, Shenyang, China.
 - ◆ “2013 EMN East Workshop on Titanium Dioxide”, September 7-10, 2013, Beijing, China.
 - ◆ “2nd Annual RESO 2014”, July 21-22, 2014, Shenyang, China.
 - ◆ “4th International Conference on Nanotech & Expo”, December 01-03, 2014, San Francisco, USA.
 - ◆ “2014 EMN Summer Meeting on Energy Materials Nanotechnology”, June 9-12, 2014, Cancun, Mexico.
 - ◆ “The 2015 EMN Qingdao Meeting Energy Materials and Nanotechnology”, June 14-17, 2015, Qingdao, China.
- ❖ **Member of Technical Program Committee (TPC)**, The 5th Conference on New Energy and Sustainable Development (NESD 2015), July 19 to 21, 2015, Shanghai, China.
- ❖ **Member of Steering Committee**, Nanotech Tunisia 2015 International Conference & Exhibition, April 22-24, 2015, Hammamet, Tunisia.
- ❖ **International Scientific Committee**, 2015 International Conference on Energy and Environmental Systems Engineering (EESSE2015), May 17-18, 2015, Beijing, China.
- ❖ **Member of Organizing Committee**, International Conference in Sustainable Materials Science and Technology (SMST15), July 15-17, 2015, Paris, France.
- ❖ **Member of Organizing Committee**, International Conference in Chemical and Biochemical Engineering (ICCB15), July 20-22, 2015, Paris, France.
- ❖ **Member of Organizing Committee**, The 6th International Congress of Energy and Environment Engineering and Management (CIEEM15), July 22-24, 2015, Paris, France.
- ❖ **Research Assistant**, Physical Chemistry Lab, Chemistry Department, University of Kashan, Kashan, Iran (2011-2014).
- ❖ **Teaching Assistant**, Department of Chemistry, University of Texas at El Paso, Texas, USA.

RESEARCH INTERESTS

Nanomaterials & Nanostructures, Nanofabrications, Polymers, Carbon Nanostructures, Semiconductors, Energy, Magnetic Materials, Metal-Organic Framework (MOF)

COMPUTER SKILLS

Ampac; software for modeling and nanocomputation, Computational Software of HyperChem, Gaussian Software, Microsoft Office Packages: 2003, 2007, 2010, Graphic: Adobe Photoshop

LANGUAGE PROFICIENCY

Turkish: mother tongue (bilingual), Persian (Farsi): mother tongue (bilingual), Arabic: familiar, English:

TOEFL iBT: 88/120 (Reading: 20/30, Listening: 25/30, Speaking: 22/30, Writing: 21/30)

GRE Subject Chemistry Total score: 740/940

GRE General Total Score 307/340, (Verbal: 148/170 (36%), Quantitative: 159/170 (74%), Essay: 3.0)

PUBLICATIONS

Polymers:

- ❖ T. Mazoochi, V. Jabbari, **International Journal of Polymer Analysis and Characterization**, 16: 277–289, 2011.
- ❖ T. Mazoochi, M. Hamadianian, M. Ahmadi, V. Jabbari, **International Journal of Industrial Chemistry** 2012, 3:2.
- ❖ Akbari, M. Homayoonfal, V. Jabbari, **Water Science and Technology**, 2010, 62(11), 2655-2663.
- ❖ Akbari, M. Homayoonfal, V. Jabbari, **Water Science and Technology** 2011, 64(12), 2404-2409.

- ❖ Akbari, F. Jokar, V. Jabbari, **Journal of Environmental Science and Health, Part A** (2012) 47, 847–853.
- ❖ Akbari, M. Hamadani, M. Bojaran, A. Yunessnia Lehi, V. Jabbari, **Separation Science and Technology** 47: 1866–1873, 2012.
- ❖ Akbari, M. Hamadani, V. Jabbari, A. Yunessnia Lehi, M. Bojaran, **Desalination and Water Treatment** 46 (2012) 96–106.
- ❖ M. Hamadani, M. Amani, V. Jabbari, **Polymer-Plastics Technology and Engineering** 53 (2014) 504-512.
- ❖ M. Hamadani, M. Amani, V. Jabbari, **Polymer-Plastics Technology and Engineering** 53: 1283–1289, 2014.

Catalysis:

- ❖ M. Hamadani, M. Shamshiri, V. Jabbari, **Applied Surface Science** 317 (2014) 302–311.
- ❖ M. Hamadani, V. Jabbari, M. Asad, M. Shamshiri, I. Mutlay, **Journal of the Taiwan Institute of Chemical Engineers** 44 (2013) 748–757.
- ❖ M. Hamadani, A. Sadeghi Sarabi, A. Mihammadi Mehra, V. Jabbari, **Applied Surface Sciences** 257 (2011) 10639–10644.
- ❖ M. Hamadani, A. Reisi-Vanani, P. Razi, S. Hoseinifard, V. Jabbari, **Applied Surface Science** 285 (2013) 121–129.
- ❖ Akbari, M. Hamadani, V. Jabbari, **Journal of Fibers and Polymers**, 2011, Vol.12, No.7, 880-885.
- ❖ M. Hamadani, M. Behpour, A.S. Razavian, V. Jabbari, **Journal of Experimental Nanoscience** 8 (2013) 901-912.
- ❖ M. Hamadani, M. Behpour, A.S. Razavian, V. Jabbari, **World Applied Sciences Journal** 14: 54-59, 2011.
- ❖ M. Hamadani, A. Sadeghi Sarabi, A. Mihammadi Mehra, V. Jabbari, **Journal of Materials Science in Semiconductor Processing** 21 (2014) 161-166.

Photovoltaics and Solar Cells:

- ❖ M. Hamadani, J.Safaei-Ghomi, M. Hosseinpour, R. Masoomi, V. Jabbari, **Materials Science in Semiconductor Processing** 27(2014) 733–739.
- ❖ M. Hamadani, V. Jabbari, A. Gravand, M. Asad, **Surface and Coatings Technology** 206 (2012) 4531–4538.
- ❖ M. Hamadani, V. Jabbari, A. Gravand, **Materials Science in Semiconductor Processing** 15 (2012) 371–379.
- ❖ M. Hamadani, V. Jabbari, A. Gravand, **Materials Science in Semiconductor Processing** 16 (2013) 1352–1359.
- ❖ M. Hamadani, V. Jabbari, **International Journal of Green Energy** 11: 364–375, 2014.
- ❖ M. Hamadani, V. Jabbari, **Applied Solar Energy**, 2011, Vol. 47, No. 4, pp. 281–288. 2011.
- ❖ M. Hamadani, V. Jabbari, **International Journal of Sustainable Energy** 31(4), 2012, 277-289.

Conferences & Workshops:

- ❖ Iran-Korea Nanotechnology Workshop (**IKNW 2012**), Tarbiat Modares University (TMU), Tehran, Iran
- ❖ **NCCC XIIth Netherlands' Catalysis and Chemistry Conference**, Netherlands 2011.
- ❖ **NCCC XIIth Netherlands' Catalysis and Chemistry Conference**, Netherlands 2011.
- ❖ **5thSASTECH 2011**, Mashhad, Iran.
- ❖ **5thSASTECH 2011**, Mashhad, Iran.
- ❖ **15th Iranian Physical Chemistry Conference 2012**, University of Tehran, Tehran, Iran.
- ❖ **Nanostructure Solar Cells Conference 2011**, Sharif University of Technology, Tehran, Iran.
- ❖ **Nanostructure Solar Cells Conference 2011**, Sharif University of Technology, Tehran, Iran.
- ❖ **14th Iranian Physical Chemistry Conference 2011**, Kish Island, Iran.
- ❖ **International Workshop on Nanostructured Solar Cells and Solar Systems 2011**, University of Kashan, Kashan, Iran.
- ❖ **9th International Seminar on Polymer Science and Technology 2009**, Polymer and Petrochemical Institute, Tehran, Iran.
- ❖ **9th International Seminar on Polymer Science and Technology 2009**, Polymer and Petrochemical Institute, Tehran, Iran.

REVIEWER

Reviewer of the Following Peer-Reviewed Journals: *Journal of Progress in Photovoltaics: Research and Applications*, Wiley Press, *Journal of Environmental Science & Technology (ES&T)*, ACS Press, *Journal of Renewable and Sustainable Energy (JRSE)*, Applied Institute of Physic (AIP) Press, *Journal of Materials Science in Semiconductor Processing (MSSP)*, ScienceDirect Press, *Journal of Chemical Engineering Communications*, Taylor & Francis Press

MEMBERSHIP

- ❖ Member of **American Chemical Society (ACS)**
- ❖ Member of **American Solar Energy**
- ❖ Member of **Iran's National Elites Foundation**.
- ❖ Member of Iranian **Chemist Association**.