Naimeh Naseri Taheri

Associate Professor, Sharif University of Technology

CONTACT INFORMATION

Email Address: naseri@sharif.edu

Address: Department of Physics, Sharif University of Technology, Tehran, Iran.

Webpage: http://Physics.Sharif.edu/~naseri
Phone: +98 (912) 349-7581 +98 -21-6616-4565

WORK HISTORY

- **Associate Professor**, 2019- Ongoing, Department of Physics, Sharif University of Technology.

  Teaching various undergraduate and graduate courses: http://physics.sharif.edu/~naseri/courses/

  Head of "Health & Energy" research group:

- **Assistant Professor,** 2013-2019, Department of Physics, Sharif University of Technology.
- **Postdoctoral Research Fellow**, 2012-2013, Institute of Research in Fundamental Sciences.
- **Postdoctoral Research Fellow**, 2011-2012, Department of Physics, Sharif University of Technology.
- **Vice President of Education,** Shahid Mahdavi Education Complex. 2011-2012.

  Initiating the International Baccalaureate® (IB) Diploma Program (DP)

CURRENT EXECUTIVE APPOINTMENT

- **Manager of Sharif central laboratory**, Sharif University of Technology, 2019-Ongoing.
- **Head of Sharif Standard Office**, Sharif University of Technology, 2018-Ongoing.
- **Quality manager**, Sharif Central Lab, Sharif University of Technology, 2015-2019.
- **Head of two technical committees** (TC 3 & TC4), Iran office, International Organization of Legal Metrology (OIML), Sharif University of Technology, 2019-Ongoing.

EDUCATIONAL BACKGROUND

Ph.D.: Experimental Condense Matter, Department of Physics, Sharif University of Technology Tehran, Iran. 2006-2011, GPA: 19.2/20

Research Visit: Pohang University of Science and Technology, Pohang, South Korea, 2010-2011.

M.Sc.: Solid State Physics, Department of Physics, Sharif University of Technology, Tehran, Iran 2004-2006, GPA: 18.2/20

B.Sc.: Department of Physics, Sharif University of Technology, Tehran, Iran. 2000-2004

GPA: 17.5/20

HONOR & AWARDS

- **"Woman in Science" prize** (MARYAM MIRZAKHANI prize) – 2020

  Selected and awarded by Iran Ministry of Science, Research and Technology
- **"Best Young Researcher"** award- 2017

  Funded by Sharif University of Technology
- **National Elite Foundation Postdoctoral Award** – 2012

  Funded by Iran National Elite Foundation
- **Exceptional Talent Award** for Ph.D. candidates – 2006

  Funded by Sharif University of Technology

TEACHING EXPERIENCES

General Physics I: Fall 2014, Fall 2017, Fall 2018, Fall 2020

General Physics Lab I: Spring 2015, Spring 2017, Spring 2020

Modern Physics: Spring 2014, Fall 2019

General Physics Lab III: Fall 2020

Physics of Semiconductors: Spring 2019, Spring 2017, Spring 2016

Experimental Methods in Physics: Fall 2017

Spectroscopy: Fall 2015

Analytical Mechanics I & II: Fall 2015, Fall 2016, Spring 2016, Spring 2017

RESEARCH INTERESTS

- Solar energy conversion
- Water splitting and H_2 production
- Clean energy resources and solar energy systems
- Photoelectrochemical and photocatalytic reactions
- Supercapacitors and energy storage systems
- New antibiotics based on 2D nanomaterials
- Electrochemical biosensors

RESEARCH PROJECTS

- TiO_2 nanotube arrays sensitized by low band gaps semiconductors to produce Hydrogen from sea water.
- Synthesize of alloy Au-Ag nanoparticles in TiO_2 host for PEC applications
- ZnO nanorod/graphene/CdS nanostructure photoanodes for photoelectrochemical H_2 generation
- Sol-gel deposited Ce:ZnO photoanodes for PEC applications
- ZnO and WO_3 nanowires for photocatalytic applications
- Investigation of catalytic properties of metal nanoparticles in growth of nanowires
- Smart Windows based on transparent semiconductor thin films
- PEC cell based on MoS_2 photoanodes and graphene counter electrode for H_2 evolution in water splitting reaction
- Cobalt based nanostructures supported by CNT/Graphene framework as an efficient co-catalyst for water oxidation reaction
- Hydrogenation of TiO_2 nanostructures for photoelectrochemical hydrogen production
- TiO_2 nanotubes as biocompatible super-capacitors
- Design graphene based nanomaterial for antibacterial applications.
- Electrochemical sensing of bio-species.
- Ink-jet printing of nanostructures to develop supercapacitors

FUNDED RESEARCH PROJECTS

- GO nanoflakes as new antibiotics against resistant bacteria, 2017- 2020.
  Funder: National Institute for Medical Research Development.
- Low cost electro catalysts based on earth abundant metals, 2017-2019.
  Funder: Niroo Research Institute.
- Gold-silver alloyed nanoparticles embedded in TiO_2 photo-anode for solar hydrogen production, 2014-2015
  Funder: National Science Foundation.
- Cobalt based nanoflakes as efficient electro catalysts for water oxidation reaction, 2016-2018
  Funder: Ministry of Industry, Trade and Mine.

ENGAGING THE COMMUNITY / PROFESSION

- Regular reviewer of international journals in Wiley, ACS, RSC and Elsevier families
- Scientific committee member of ICNS (International Conference of Nanostructure) conference series
- Nominated and selected as a committee member of Iran Physics Society
- External reviewer of 5 funded post-graduate research projects

ISI PUBLICATIONS

- E. Khorashadizade, S. Mohajernia, S. Hejazi, H. Mehdipour, **N. Naseri**, O. Moradlou, A. Z. Moshfegh, P. Schmuki, Intrinsically Ru-Doped Suboxide TiO2 Nanotubes for Enhanced Photoelectrocatalytic H2 Generation, Journal of Physicsl Chemistry C, 125, 2021, 6116.
- S. Farhoosh, B. Eftekharinia, M. Tayebi, B.K. Lee, **N. Naseri**, Newly Designed Ternary Hematite-based Heterojunction for PEC Water Splitting, Applied Surface Science, 550, 2021, 149374.
- N Ashari Astani, F Najafi, A Maghsoumi, K Huma, L Azimi, A Karimi, M.R. Ejtehadi, J. C. Gumbart, **N. Naseri,** Molecular Machinery Responsible for Graphene Oxide's Distinct Inhibitory Effects toward Pseudomonas aeruginosa and Staphylococcus aureus Pathogens, ACS Applied Bio Materials, 4, 2020, 660.
- A. Sajedi-Moghaddam, E. Rahmanian, **N. Naseri**, Inkjet-Printing Technology for Supercapacitor Application: Current State and Perspectives, ACS Applied Materials and Interfaces, 12 (2020) 34487-34504.
- **N. Naseri**, S Ghasemi, M Pourreza, AZ Moshfegh, Sustainable starfish like cobalt electrocatalyst grown on optimized CNT-graphene hybrid host for efficient water oxidation, Applied Surface Science, 524 (2020) 146391.
- E. Khorashadizade, S. Mohajernia, S. Hejazi, H. Mehdipour, **N. Naseri**, O. Moradlou, N. Liu, A. Z Moshfegh, P. Schmuki, Alkali Metal Cations Incorporation in Conductive TiO_2 Nanoflakes with Improved Photoelectrochemical H_2 Generation, 7 (2020) 1699-1706.
- R Salimi, AA Sabbagh Alvani, BT Mei, **N. Naseri**, SF Du, G Mul, Ag-Functionalized $CuWO_4/WO_3$ nanocomposites for solar water splitting, New Journal of Chemistry, 43 (2019) 2196-2203.
- A. Ziashahabi, M. Prato, Z. Dang, R. Poursalehi, **N. Naseri**, The effect of silver oxidation on the photocatalytic activity of Ag/ZnO hybrid plasmonic/metal-oxide nanostructures under visible light and in the dark, Scientific Reports, 9 (2019) 1-12.
- M. Qorbani, O. Khajehdehi, A. Sabbah, **N. Naseri**, Ti-rich TiO_2 Tubular Nanolettuces by Electrochemical Anodization for All-Solid-State High-Rate Supercapacitor Devices, ChemSusChem 12 (2019) 4064-4073.
- B Bazri, E Kowsari, N Seifvand, **N. Naseri**, RGO-α-Fe_2O_3/β-FeOOH ternary heterostructure with urchin-like morphology for efficient oxygen evolution reaction, Journal of Electroanalytical Chemistry, 843 (2019) 1-11.
- A.Maghsoumi, **N. Naseri,** A.Calloni, G.Bussetti, How does cobalt phosphate modify the structure of TiO_2 nanotube array photoanodes for solar water splitting, Catalysis Today, 335 (2019) 306-311.
- S. Qarechalloo, **N. Naseri**, F. Salehi, A.Z. Moshfegh, Simply tuned and sustainable cobalt oxide decorated titania nanotubes for photoelectrochemical water splitting, Applied Surface Science, 464 (2019) 68-77.
- M. Faraji, M. Youssefi, S. Yousefzadeh, M. Zirak, **N. Naseri**, A.Z. Moshfegh, Two dimensional materials interfaced semiconductor photo-anode for solar hydrogen production ; Energy and Environmental Science, 12 (2019) 59-95.
- M Pourreza, **N Naseri**, Sh Ghasemi, Optimizing carbonaceous nanostructure composition as a substrate to grow Co electrocatalysts, Iranian Journal of Physics Research, 17 (2019) 753.
- A. Ziashahabi, R. Poursalehi, **N. Naseri**, Shed light on submerged DC discharge synthesis of low band gap gray Zn/ZnO nanoparticles: Formation and gradual oxidation mechanism, Adv. Powder Tech. 29 (2018) 1246-1254.
- H. Sameie, AAS. Alvani, N. **Naseri**, S. Du, F. Rosei, First-Principles Study on ZnV_2O_6 and $Zn_2V_2O_7$: Two New Photoanode Candidates for Photoelectrochemical Water Oxidation, Ceramics Int. 44 (2018) 6607-6613.
- A.Seza, F. Soleimani, **N. Naseri**, M. Soltaninejad, S.M. Montazeri, S.K. Sadrnezhaad, M.R. Mohammadi, H. Asgari Moghadam, M. Forouzandeh, M.H. Amin, Novel microwave-assisted

synthesis of porous g-C_3N_4/SnO_2 nanocomposite for solar water-splitting, Appl. Surf. Sci. 440 (2018) 153-161.

- R Salimi, AA Sabbagh Alvani, **N. Naseri**, SF Du, Dirk Perlman, Visible-enhanced photocatalytic performance of $CuWO_4$/WO_3 hetero-structures: incorporation of plasmonic Ag nanostructure, New Journal of Chemistry 42 (2018) 11109-11116.
- H. Sameie, AA Sabbagh Alvani, **N. Naseri**, F Rosei, G. Mul, B. T. Mei, Photocatalytic Activity of ZnV_2O_6/Reduced Graphene Oxide Nanocomposite: From Theory to Experiment, Journal of Electrochemical Society, 165 (2018) H353.
- R. Salimi, A. A. Sabbagh Alvani, **N. Naseri**, Ligand-Assisted Synthesis of Plasmonic Ag Nanowires: A Molecular Dynamics Study on Anisotropic Growth, Advanced Materials and New Coatings, 6 (2018) 1635.
- H. Sameie, A. A. Sabbagh Alvani, **N. Naseri**, R. Salimi, The effect of reduced graphene oxide on photo-catalytic degradation Rhodamine B, Advanced Materials and New Coatings, 7 (2018) 1773.
- A Ziashahabi, R Poursalehi, **N. Naseri**, Formation mechanism of bead-chain-like ZnO nanostructures from oriented attachment of Zn/ZnO nanocomposites prepared via DC arc discharge in liquid, Mater. Sci. Semicond. Proc. 72 (2017) 128.
- M. Pourreza, **N. Naseri**, Engineered Cost Effective Growth of Co based Nanoflakes as Sustainable Water Oxidation Electroctalyst, J. Physics D, 50 (2017) 475501.
- **N. Naseri**, Ştefan Ţălu, Slawomir Kulesza, ShervinQarechalloo, Amine Achour, Miroslaw Bramowicz, Atefeh Ghaderi, Shahram Solaymani, How morphological surface parameters are correlated with electrocatalytic performance of cobalt-based nanostructures, J. Indust. Eng. Chem. 57 (2018) 97.
- M.Qorbani, T.Chou, Y.Lee, S.Samireddi, **N. Naseri**, A. Ganguly, A.Esfandiar, C.Wan, L.Chen, K.Chen, A. Z Moshfegh, Multi-porous Co_3O_4 nanoflakes @ sponge-like few-layer partially reduced graphene oxide hybrids: towards highly stable asymmetric super-capacitors, J. Mat. Chem. A, 24 (2017) 12569.
- **N. Naseri**, S. Solaymani, A.Ghaderi, M.Bramowicz, S.Kulesza, Ş.Ţălu, M.Pourreza, S. Ghasemi, Microstructure, morphology and electrochemical properties of Co nanoflake water oxidation electrocatalyst at micro- and nanoscale, RSC Advances, 7 (2017) 12923.
- **N. Naseri**, Photoresponse enhancing in nanostructured WO_3 films by slight change in heating ambient, J Alloys Compounds, 2017, 693, 871.
- R. Irani**, N. Naseri**, S. Beke, A Review of 2D-based Counter Electrodes Applied in Solar-assisted Devices, Coordination Chem. Rev. 324 (2016) 54.
- **N. Naseri**, A. Esfandiar, M. Qorbani, A.Z. Moshfegh, Selecting Support Layer for Electrodeposited Efficient Cobalt Oxide/Hydroxide Nanoflakes to Split Water, ACS Sustainable Chem. Eng. 4 (2016) 3151.
- S. Ţălu, S. Solaymani, M. Bramowicz, **N. Naseri**, S. Kulesza, A. Ghaderi, Surface Micromorphology and Fractal Geometry of Co/CP/X (X = Cu, Ti, SM and Ni) Nanoflake Electrocatalysts , RSC Advances 6 (2016) 27228.
- O. Moradlou, N. Tedadi, A. Banazadeh, **N. Naseri**, Effect of RGO/$Zn_xCd_{1-x}S$ Crystalline Phase on Solar Photoactivation Processes, RSC Advances 6 (2016) 46282.
- N. Saveh-Shemshaki, M. Latifi, R. Bagherzadeh, M. Malekshahi Byranvand, **N. Naseri**, A. Dabiriani, Synthesis of Mesoporous Functional Hematite Nanofibrous Photoanodes by Electrospinning, Polymers Adv. Tech. 27 (2016) 358.
- **N. Naseri,** S Janfaza, R. Irani, Visible-switchable bR/TiO_2 photoanods for Bio-inspired Solar Energy Conversion, RSC Advances 5 (2015) 18642.
- M. Qorbani, **N. Naseri**, A.Z. Moshfegh, Hierarchical Co_3O_4/Co(OH) Nanoflakes as a Supercapacitor Electrode: Experimental and Semi-Empirical Model. ACS Appl. Mater. Interfaces 7 (2015) 11172.

- **N. Naseri**, M. Qorbani, H. Kim, W. Choi, A.Z. Moshfegh, To What Extent Surface Morphology can Influence on Photoelectrochemical Performance of Au:WO_3 Electrodes? J Phys Chem C 119 (2015) 1271.
- **N. Naseri**, P. Sangpour, H. Mousavi, Applying Alloyed Metal Nanoparticles to Enhance Solar Assisted Water Splitting, RSC Advances, 4 (2014) 46697.
- M. Qorbani**, N. Naseri**, O. Moradlou, R. Azimirad, A. Z. Moshfegh, How CdS Nanoparticles Can Influence TiO_2 Nanotube Arrays in Solar Energy Applications?, Applied Catalyst B: Environment, 162 (2015) 210.
- M. Gholami, M. Qorbani, O. Moradlou, **N. Naseri**, A.Z. Moshfegh, Optimal Ag_2S Nanoparticle Incorporated TiO_2 Nanotube Array for Visible Water Splitting, RSC Advances 4(2014) 7838.
- R Bayati, YK Mishra, **N Naseri**, S Nori, Nanostructured Materials for Electronics and Photonics, Journal of Nanomaterials, vol. 2014, Article ID 725764, 2 pages.
- S. Yousefzadeh, A.Reyhani, **N. Naseri** and A. Z. Moshfegh, Newly Applied MWCNT/WO_3 Nanocomposite Photoanode for Visible Light Induced Water Splitting, Journal of Solid State Chemistry, 204 (2013) 341.
- **N. Naseri**, H. Kim, W. Choi and A.Z. Moshfegh, First Implementation of Ag Nanoparticle Incorporated WO_3 Thin Film Photoanode for Hydrogen Production, International Journal of Hydrogen, 38 (2013) 2117.
- **N. Naseri**, H. Kim, W. Choi and A.Z. Moshfegh, Optimal Ag Concentration for H_2 Production via Ag:TiO_2 Nanocomposite Thin Film Photoanode, International Journal of Hydrogen 37 (2012) 3056.
- **N. Naseri**, S. Yousefzadeh, E. Daryaei and A.Z. Moshfegh, Photoresponse and H_2 Production of Topographically Controlled PEG Assisted Sol-gel WO_3 Nanocrystalline Thin Films, International Journal of Hydrogen Energy 36 (2011) 13461.
- **N. Naseri**, M. Yousefi and A.Z. Moshfegh, A comparative study on photoelectrochemical activity of ZnO/TiO_2 and TiO_2/ZnO nanolayer systems under visible irradiation, Solar Energy, 85 (2011) 1972.
- **N. Naseri**, M. Yousefi and A.Z. Moshfegh, The role of TiO_2 addition in ZnO nanocrystalline thin films: Variation of photoelectrochemical responsivity, Electrochimica Acta, 56 (2011) 6284.
- **N. Naseri**, M. Yousefi, O. Moradlou and A. Z. Moshfegh, The first study on enhanced photoresponsivity of ZnO–TiO_2 nanocomposite thin films by anodic polarization, Phys. Chem. Chem. Phys. 13 (2011) 4239.
- **N. Naseri**, P. Sangpour, A.Z. Moshfegh, Visible light active Au:TiO_2 nanocomposite photoanodes for water splitting: Sol–gel vs. sputtering, Electrochimica Acta 56 (2011) 1150.
- **N. Naseri**, M Amiri and A Z Moshfegh, Visible photoenhanced current–voltage characteristics of Au:TiO_2 nanocomposite thin films as photoanodes, J. Phys. D:Appl. Phys. 43 (2010) 105405.
- **N. Naseri**, R. Azimirad, O. Akhavan, A.Z. Moshfegh, Improved electrochromical properties of sol–gel WO_3 thin films by doping gold nanocrystals, Thin Solid Films 518 (2010) 2250.
- R Azimirad, **N. Naseri**, O Akhavan and A Z Moshfegh, Hydrophilicity variation of WO_3 thin films with annealing temperature, J. Phys. D: Appl. Phys. 40 (2007) 1134.
- **N. Naseri**, R Azimirad, O Akhavan and A Z Moshfegh, The effect of nanocrystalline tungsten oxide concentration on surface properties of dip-coated hydrophilic WO_3– SiO_2 thin films, J. Phys. D: Appl. Phys. 40 (2007) 2089.

INTERNATIONAL CONFERENCE ATTENTIONS

- K. Huma, F. Najafi, A. Maghsoumi, L. Azimi, A. Karimi, **N. Naseri**, Toward graphene based antibiotics: effect of flake size and bacteria morphology, ICNS8, 18-20 Nov. 2020, Tehran, Iran
- S. Farhoosh, M. Fathabadi, B. Eftekharinia, **N. Naseri**, The Effect of Dopant Precursor on PEC Performance of Nano-branched Hematite Photoanode, ICNS8, 18-20 Nov. 2020, Tehran, Iran.
- M. Elmi, B. Eftekharinia, F. Aramoun, P. Sasanpour, **N. Naseri**, A. Rajabi, A. Z. Moshfegh, Structural optimization of hematite nanorod array as water oxidation photoanodes, **ICNS8, 18-20 Nov. 2020, Tehran, Iran.**
- S. Farhoosh, B. Eftekharinia, **N. Naseri**, Solar Water Splitting on Ti-doped Hematite Nanostructured Photoanode Modified with FeOOH Electro-catalysts, **NanoGe, Fall meeting, 4-8 Nov 2019, Berlin, Germany.**
- A. Maghsoumi, M. Forouzandeh, **N. Naseri**, Cobalt Phosphate Modified TiO_2 Nanotube Array Photoanode for Solar Water Splitting, **IPS22, August 2018, Hefei, China**.
- Ali Maleki, **N. Naseri**, AZ. Moshfegh, FeOOH nanoflake modified Ni foam for efficient electrocatalytic water splitting reaction, **IPS22, August 2018, Hefei, China.**
- M. Forouzandeh, O. Khajedehi, **N. Naseri**, Optimized Co-Pi /TNA photoanodes for solar hydrogen production, ICNS7, March 2018, Tehran, Iran.
- H Sameie, AA Sabbagh Alvani, **N Naseri**, BT Mei, Systematic study on the interaction between graphene and visible-light responsive photocatalysts, Optics and Photonics for Energy and the Environment, Optical Society of America, 2018.
- A. Saadati, **N. Naseri**, M.M. Tahmasebi, Enhancing PEC Glucose Sensing of TiO_2 Nanotubes by Tuning the Length and Annealing Ambient, 6th international conference on Ultrafine Grained and Nanostructured Materials, November 2017, Kish, Iran.
- H. Sameie, A. A. Sabbagh Alvani, **N. Naseri**, First-principles study on electronic and optical characteristics of zinc vanadate photocatalyst, 2017 IEEE 7th International Conference Nanomaterials: Application & Properties (NAP).
- R Salimi, AA Sabbagh Alvani, **N Naseri**, Polyol-synthesized plasmonic Ag nanowires for efficient solar energy conversion, 2017 IEEE 7th International Conference Nanomaterials: Application & Properties (NAP).
- **N. Naseri**, M. Pourreza, S. Ghasemi, Tuning rGO/GO portion in carbonaceous support layer for electrodepositing Co nanoflakes in water oxidation reaction, **IPS21, July 2016, Saint Petersburg, Russia**.
- **N. Naseri**, S. Qarechallou, Co nanoflake-decorated TiO_2 nanotubes for efficient solar water splitting, **IPS21, July 2016, Saint Petersburg, Russia**.
- B. Eshghi, S. Yousefzadeh, M. Soltani, **N. Naseri**, A.Z. Moshfegh, Enhanced PEC performance of ZNO nanorod arrays by graphene, **IPS21, July 2016, Saint Petersburg, Russia**.
- M. Pourreza, **N. Naseri**, Optimized Growth/Annealing Conditions for Co Nanoflakes as Efficient Electrocatalysts for Water Oxidation, ICNS6, March 2016, Kish Island, Iran.
- H Sameie, AA Sabbagh Alvani, **N Naseri**, Reduced graphene oxide: A promising solid-state electron mediator for solar oxygen evolution, Optics for Solar Energy, Optical Society of America, 2016.
- **N. Naseri**, Cobalt Oxide Nanostructures as an Effective Super-capacitors , Workshop on Material Science for Energy Storage, **May 2015, ICTP, Trieste, Italy**.
- **N. Naseri**, R. Mohammadpour, S. Janfaza, Bio-inspired Solar Energy Conversion Based on bR/TiO_2 Nanostructured Photoanodes, **IPS20, July 2014, Berlin, Germany**.
- **N. Naseri**, M. Qorbani, AZ Moshfegh, Highly Active Cobalt Nanoflakes for Efficient Hydrogen Evolution, **IPS20, July 2014, Berlin, Germany**.

- **N. Nase**ri, M. Qorbani, AZ Moshfegh, Co_3O_4 Thin Film Electrode Nanoflakes as Supercapacitor, ICTF16, **September 2014, Dubrovnik, Croatia**.
- **N. Naseri**, Semiconductor Nanostructures for Solar Assisted Water Splitting, Workshop on Material Challenges in Devices for Solar Fuel Production, **May 2014, ICTP, Trieste, Italy**.
- **N. Naseri**, P. Sangpour, Noble Metal Alloy Nanoparticle Embedded in TiO_2 Matrix for Water Splitting Reactions, Accepted in 5th International Conference on Nanostructures (ICNS5), 2014, Kish Island, Iran.
- **N. Naseri**, R Irani, Nanoscopic Changes in WO_3 Photoanode Thin Film Surface for Water Splitting: Effect of Annealing ambient, International Conference of Multidisciplinary Microscopy (INTERM2013), **10-13 October 2013, Antalyia, Turkey**.
- First International Workshop on Career Development of Women in Physics, **15-20 Sep. 2013. ICTP, Trieste, Italy.**
- International Research School (IRS6)- **Moscow, Russia, June 2013.**
- Z. Moshfegh, B. Mahmoudi, M. Qorbani, O. Moradlou, **N. Naseri**, Photoresponce of Cu_2O loaded titania nanotube array in water splitting under visible light, 13th Topical Meeting of the International Society of Electrochemistry, **April 2013, Pretoria, South Africa**.
- Z. Moshfegh, M. Gholami, M. Qorbani, O. Moradlou, **N. Naseri**, Improved photoelectrochemical activity of TiO_2 nanotube arrays modified by deposited Ag_2S nanoparticles, 13th Topical Meeting of the International Society of Electrochemistry, **April 2013, Pretoria, South Africa.**
- **N. Naseri**, A.Z. Moshfegh, Au:WO_3 nanocomposite thin film photoanodes for photoelectrochemical H_2 production via water splitting, 4th Conference on Nanostructures (ICNS4) March 2012, Kish Island, Iran.
- M. Qorbani, O. Moradlou, **N. Naseri**, R. Azimirad, A. Z. Moshfegh, Photo-potential response of CdS/TiO_2 nanotube array thin films, 4th Conference on Nanostructures (ICNS4) March 2012, Kish Island, Iran.
- M. Qorbani, **N. Naseri**, O. Moradlou, R. Azimirad and A. Z. Moshfegh, Photoelectrochemical property of CdS modified TiO_2 nanotube array thin films, 15th International Conference on Thin Films, **Oct. 2011, Kyoto, Japan.**
- S. Yousefzadeh, **N. Naseri**, A.Z. Moshfegh, Photoelectrochemical investigation of MWCNT-WO_3 nanocomposite thin films, International Conference on Nanoscience and Nanotechnology (ICNN) 2010, Shiraz, Iran.
- M. Gholami, M. Qorbani, O. Moradlou, **N. Naseri**, A. Z. Moshfegh, Enhanced photo-response of TiO_2 nanotube array thin films by Ag_2S Nanoparticles, VASSCAA6, 2012.
- **N. Naseri**, M. Yousefi, and A.Z. Moshfegh, Comparative study on photoelectrochemical activity of ZnO/TiO_2 and TiO_2/ZnO bilayer photoanodes, International Conference on Clean Energy, **2010, Famagusta, North Cyprus.**
- **N. Naseri**, M. Yousefi, A.Z. Moshfegh, The effect of annealing temperature on photoelectrochemical performance of TiO_2-ZnO nanocomposite thin films, 3rd Conference on Nanostructures (NS2010) 2010, Kish Island, Iran.
- **N. Naseri**, M. Amiri, A.Z. Moshfegh, The effect of Au concentration on photoelectrochemical performance of Au-TiO_2 thin film, 3rd International Workshop on Thin Films **(IWTF2009), Finland**.
- **N. Naseri**, M. Amiri, A.Z. Moshfegh, Visible photo-enhanced current-voltage characteristics of gold nanoparticle doped TiO_2 thin film photoanodes, 2nd International Congress on Nanoscience and Nanotechnology, (ICNN 2008), Tabriz, Iran.
- **N. Naseri**, R. Azimirad, O. Akhavan, and A.Z. Moshfegh, The electrochromic performance of sol-gel deposited WO_3-SiO_2 compound thin films, 14th International Conference on Thin Films **(ICTF14), 2008, Ghent, Belgium.**
- N. Naseri, R. Azimirad, O. Akhavan, A.Z. Moshfegh, The influence of heat treatment on Au nanoparticles doped in sol-gel SiO_2 films, 1st Nanostructure Workshop, 8-10 March 2006, Kish University, Kish Island.