

CURRICULUM VITAE

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Behrooz Mirza

Personal Information

- Date of birth: 1965/01/25
- Marital Status: Married
- Nationality: Iranian

Education

- B.Sc in Chemistry, University of Teharn (1984-1988)
- M.Sc in Organic Chemistry, Shahid Beheshti University (1990-1993)
- Ph.D in Organic Chemisrty, Islamic Azad University, Science and Research Branch of Tehran (2003-2007)

Research and Academic Experiences

- Associate Professor, Chemistry Department, Islamic Azad University, South Tehran Branch
- Teaching Specialty Courses in B.Sc , M.Sc and Ph.D Grades
- Implementation of Industrial Pilot Project in Bandar Imam Petrochemical Company and Navy
- Specialist in Oil and Petrochemical processes
- Publication of 15 Articles in International Journals (ISI)
- Publication of 9 Articles in Research and Scientific & ISC Journals
- Compilation and Translation of Three Chemistry Books for B.Sc and M.Sc Grades
- Participation in International and National Congresses (Oral and Poster)

Work and Executive Experiences

- Justice Official Expert in Oil, Gas and Petrochemical Industries
- Researcher of Medicinal Plants in Academic Center for Education, Culture and Research (1986-1987)
- Head of Chemistry Department of Industrial Organization (1987-1993)
- President Of Islamic Azad University, Mahshahr Branch (1993-2000)
- Head of Student Affairs Department and Surrogate of Islamic Azad University, South Tehran Branch (2000-2004)
- Manager of South Petrochemical Rahavaran Company (Tehran,2004-2006)
- President of Islamic Azad University, East Branch (2009-2013)

- Secretary of Islamic Azad University Region 8 (Tehran,2012-2013)
- Head of Committee Appointments of Islamic Azad University Region 8 (Tehran,2012-2013)
- Faculty Member of Exam Office of University (2011-2014)
- Specialty Committee Member of Professor Employment (Tehran,2012-2014)
- President of Islamic Azad University, Science and Research Branch of Alborz (2013-2014)
- Member of Young Researchers Club of Islamic Azad University
- Member of Chemical Planning Council Specialty Committee of University (Central Organization)
- Oil and Petrochemical Advisor of IRITEC International Engineering Company

Articles

- Modeling of membrane fouling and flux decline in microfiltration of oily wastewater using ceramic membranes
- One-pot synthesis of tetrahydroindeno[1,2-b]pyrrolo-3-carboxylates derivatives
- Carbon nanotubes: A review of chemistry principles and reactions
- Composition of the essential oils of anthemis hyalina DC., Achillea nobilis L. and cichorium intybus L. Three asteraceae herbs growing wild in Iran
- Synthesis of new asymmetrical dihydropyrimidinones in presence of oxalic acid
- Microwave-assisted synthesis of Bis(dihydropyrimidinone)benzenes
- Electrosynthesis of new xanthene-1,8(2H)-dione derivatives-A green chemistry approach
- Experimental investigation, modeling and optimization of membrane separation using artificial neural network and multi-objective optimization using genetic algorithm
- Experimental investigation and modeling hybrid nano-porous membrane process for industrial oily wastewater treatment
- Physicochemical properties and combustion performance of gas oil-fuel additives
- Removal of Co(II), Cu(II) and Pb(II) ions by polymer based 2-hydroxyethyl methacrylate: Thermodynamics and desorption studies
- Biginelli reaction for synthesis of novel trifluoromethyl derivatives of bis(tetrahydropyrimidinone)benzenes
- Electrochemical synthesis of 4-(dihydroxyphenylthio)-2H-chromen-2-one derivatives
- A facile method for the synthesis of thiocoumestan derivatives
- Microwave-assisted solvent-free synthesis of bis(dihydropyrimidinone) benzenes and evaluation of their cytotoxic activity: Research article
- Modeling and optimization of cross-flow ultrafiltration using hybrid neural network-genetic algorithm approach
- A new and efficient synthesis of 2-aminobenzothiazoles derivatives from o-nitroaniline
- Ionic Liquid-based Ultrasound-Assisted In Situ Solvent Formation Microextraction Combined with Electrothermal Atomic Absorption Spectrometry as a Practical Method for Preconcentration and Trace Determination of Vanadium in Water and Food Samples
- Green synthesis of 1-aryl-1,12-dihydrobenzo[h]pyrano[c]chromene derivatives

- CuBr-catalyzed oxidation/coupling: An efficient and applicable strategy for the synthesis of 2-aryl benzimidazoles from 1-fluoro-2-nitrobenzene and benzylamines
- Ionic liquid phase microextraction combined with fluorescence spectrometry for preconcentration and quantitation of carvedilol in pharmaceutical preparations and biological media
- An efficient method for the one-pot tandem synthesis of 3,5-disubstituted-1,2,4-oxadiazoles from benzyl halides
- Removal of hazardous dyes-BR 12 and methyl orange using graphene oxide as an adsorbent from aqueous phase
- Adsorption of malachite green from aqueous solution by carboxylate group functionalized multi-walled carbon nanotubes: Determination of equilibrium and kinetics parameters
- Adsorption behavior of methylene blue dye on nanocomposite multi-walled carbon nanotube functionalized thiol (MWCNT-SH) as new adsorbent
- New Homogeneous And Robust Catalyst for Heck and Suzuki Reactions(2015)
- One-pot Three-component Functionalization of Carboxylated Shortend Multi-wall Nanotubes with Histidine Derivative (2015)
- An Efficient Synthesis of Benzylamino Conmarin Derivatives via Three-component Coupling of 4-hydroxycoumarin Aromatic Aldehyde and Cyclic Secondary Amine Catalyzed by CuO Nanoparticles (2015)
- An Efficient Protocol for Synthesis of 2-amino-3-cyanopyridine Derivatives using Nano-modified SBA-15(2016)
- One-Pot Multi-Component Synthesis of Dihydropyrimidinones via Biginelli Condensation(2016)