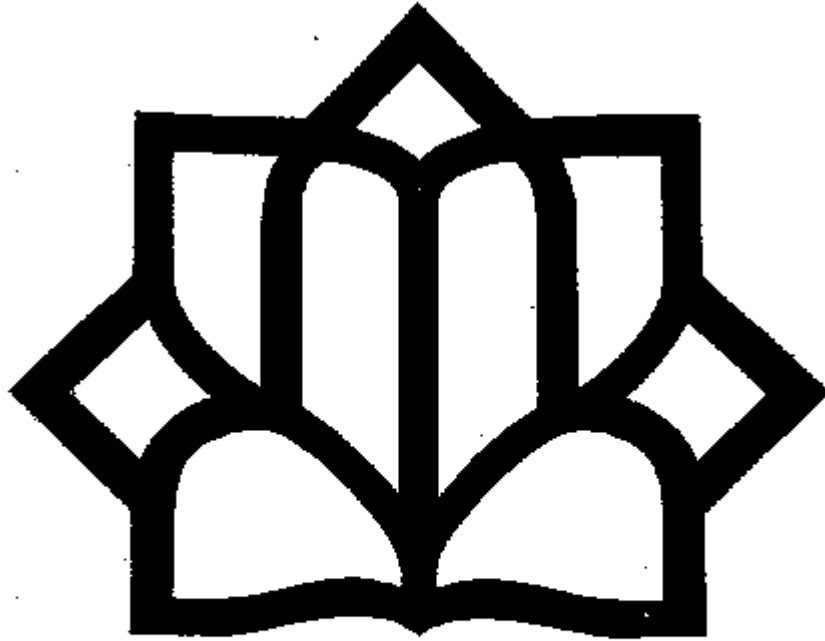


UNIVERSITY OF KASHAN



دانشگاه کاشان

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Personal Information

Surname: Dehghani
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Education and Qualifications

B.S. in Chemistry from Faculty of Sciences, Kashan University, Kashan, I. R. Iran.

M.S. in Inorganic Chemistry, Faculty of Sciences, Sharif Industrial University, Tehran, I. R. Iran.

Ph. D. in Inorganic Chemistry, Faculty of Sciences, Shiraz University, Shiraz, I. R. Iran.

Employment to Date

Assistant Professor of Inorganic Chemistry, Faculty of Sciences, Kashan University, Kashan, I. R. Iran (1998-2007).

Associate Professor of Inorganic Chemistry, Inorganic Chemistry Department, Faculty of Chemistry, Kashan University, Kashan, I. R. Iran (2007- present).

Research Activities and Experiences

Dissertations

M. S. Thesis: Reversibility Study of Adduct of Cobalt (II) Complexes with Oxygen.

Ph. D. Thesis: Preparation and Spectroscopic Characterization of 2:1 Molecular Complexes of DDQ and TCNE with Meso-tetraphenylporphyrins.

Areas of Interest

Dye-Sensitized Solar cell (DSSC), Nanoparticle, Nanostructure, Porphyrin, Molecular complex, Thermodynamic, Organic-Inorganic hybrid material.

Teaching and Professional Experiences

Associate Professor and Lecturer in Undergraduate, Master of Science and Ph.D in inorganic chemistry.

Publications

- 1 D. Mohajer, H. Dehghani, J. Chem. Soc. Perkin Trans. 2 (2000) 199.
- 2 D. Mohajer, H. Dehghani, Bull. Chem. Soc. Jpn. 73 (2000) 1477.
- 3 M. Mazloun Ardakani, H. Dehghani, M. Jalayer, H. R. Zare, Anal. Sci. (2004) 1667.
- 4 M. Mazloun Ardakani, H. R. Zare, H. Dehghani, M. Jalayer, Bull. Electrochem. (2004) 385.
- 5 H. Dehghani, A. R. Ansari Sardrood, Polyhedron 26 (2007) 4263.
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- 8 M. Mazloun Ardakani, P. Rahimi, H. Dehghani, P. E. Karami, H. R. Zare, S. Karami, Electroanalysis, 19 (2007) 2258.
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- 13 H. Dehghani, M. Shaterian, *Polyhedron*, 27 (2008) 3263.
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- 19 H. Dehghani, M. Bordbar, M. Mojiri-Foroushani, S. Karami, M. R. Mansournia, *Inorg. Chim. Acta*, 362 (2009) 1619.
- 20 H. Dehghani, E. Jafari, M. R. Mansournia, F. Behnoudnia, *Specrochem. Acta, Part A*, 72, 2009, 1034.
- 21 H. Dehghani, M. R. Mansournia, *Specrochem. Acta, Part A*, 74, 2009, 324.
- 22 H. Dehghani, M. Shaterian, *Inorg. Chim. Acta*, 362 (2009) 5151.
- 23 H. Dehghani, M. R. Mansournia, *Bull. Korean Chem. Soc.* 30 (2009) 1715.
- 24 H. Dehghani, M. Farshchian, *J. Heterocyc. Chem.* 46, 2009, 610.
- 25 H. Dehghani, M. Shaterian, *Bull. Korean Chem. Soc.* 30 (2009) 2792.
- 26 H. Dehghani, R. Sahba, M. Afrooz, H. Mollaei, *J. Chin. Chem. Soc.* 57 (2010) 1.
- 27 H. Dehghani, S. Bakhshayesh, M. Shaterian, L. Motamedi, *Bull. Korean Chem. Soc.* 31 (2010) 815.