

C.V

Lamia Abd El Hameed Ismail

Personal Data

Date Of Birth : 8-5-1974

Nationality : Egyptian.

Graduation year : 1996

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Education

Degree : B.Sc..

University : Suez Canal University.

Major : Chemistry.

GPA : (Very Good Grade).

Year : 1996

Degree : Pre-Master in Chemistry.

University : Suez Canal University.

GPA : (Very Good Grade).

Year : 1998

Degree : M.Sc..

University : Suez Canal University .

Major : Chemistry.

Year : 2002

Degree : PhD.

University : Suez Canal University .

Major : Inorganic Chemistry.

Year : 2007

Work Experience

Organization : Faculty of Science, PortSaid

Department : Chemistry.

Major : Inorganic Chemistry.

Position : Professor Assistant.

Job Description : Teaching undergraduate inorganic courses,
Developing Quality Assurance System,
Research activities.

**Courses have
been taught**

Transition Elements, Coordination Chemistry, Inorganic Chemistry, Inorganic Reaction Mechanism, Inorganic Spectroscopic, Analytical Chemistry, General Chemistry(1) General Chemistry (2), Environmental Chemistry and Practical Courses for different levels,

Computer Skills

- **ICDL courses.**
- Proficiency use of: Windows, Word, Excel, Origin, Power Point, Chem. Draw, Paint, Adobe Acrobat, NMR, FT IR, UV-Vis programs, Internet, Photoshop.

**Soft Skills
Courses**

- Presentation Skills.
- Negotiation Skills.
- Time Management.
- Scientific Research Methodologies.
- Quality Assurance and Accreditation.
- University teacher preparation cycle
- Decision-making and problem-solving
- Ethics and Professional Ethics
- Evaluate teaching
- The use of technology in teaching

Conferences

- 1- First International Conference on " New Trends in Chemistry and their Applications", held at Ain Soukhna, Egypt, Feb. 2002.
- 2- Nine International Conference on "Chemistry and its Role in Development" , held in Mansoura and Sharm El-Sheikh, Egypt, April,2007.

INTERESTS

Synthesis and characterization of different kind complexes:

- 1- Charge-transfer complexes..
- 2- Charge-transfer complexes between fluorescent dy and brighteners, polymeric dyes with sigma and acceptors
- 3- Metal complexes.
- 4- Metal-acid complexes.
- 5- Metal-dye complexes.
- 6- Crystal structures.

List of Publications

1. "Bis(piperidinium) chloranilate" M.S. Refat, H. Al-Didamony Ahmed, **Lamia El-Zayat**, T. Fukunagac and H. Ishida, *Acta Crystallographica Acta Cryst.* E62, o1886-o1887 (2006).
2. "Synthesis and spectroscopic characterization of Piperidine/chloranil and Piperidine/7,7',8,8'-tetracyanoquinodimethane charge transfer complexes: X-ray crystal structure of 7,7-dicyano-8,8-di-Piperidinoquinodimethane adduct" M.S. Refat, **Lamia El-Zayat** and Okan Zafer Yeşilel, *Polyhedron*, 27(2), 475-484 (2008).

3. "Spectroscopic and structural characterization of the charge-transfer interaction of N,N'-bis-alkyl derivatives of 1,4,6,8-naphthalenediimide with chloranilic and picric acids" M.S. Refat, H.A. Ahmed, Ivo Grabchev and **Lamia El-Zayat**, *Spectrochimica Acta*, 70(4), 907-915 (2008).
4. "Synthesis and spectroscopic characterization of charge-transfer complexation of morpholine with chloranilic and picric acids in organic media: X-ray crystal structure of bis(morpholinium 2,4,6-trinitrocyclohexanolate) salt" M.S. Refat, **Lamia El-Zayat** and Okan Zafer Yeşilel, *Spectrochimica Acta Part A*, 75, 745-752 (2010).
5. "Charge transfer interactions between piperidine as donor with different σ - and π -acceptors: Synthesis and spectroscopic characterization" M.S. Refat, H. Al. Didamony, K. M. Abou El-Nour and **Lamia El-Zayat**, *Arabian J. Chemistry*, 4(1), 105-114 (2010).
6. "Synthesis and spectroscopic characterization on the triiodide charge transfer complex resulted from the interaction between morpholine as donor and iodine σ -acceptor" M.S. Refat, H. Al. Didamony, K. M. Abou El-Nour and **Lamia El-Zayat**, *J. of Saudi Chemical Society*, 14(3), 323-330 (2011).
7. "Charge transfer complexation between morpholine as donor and different types of acceptors: Synthesis and spectroscopic characterization" M.S. Refat, H.A. Didamony, and **Lamia El-Zayat**, *Química no Brasil*, 5(2), (2011).

8. "Spectroscopic characterizations on the N,N'-Bis-alkyl derivatives of 1,4,6,8-naphthalenediimide charge-transfer complexes" M.S. Refat, Hamdy Al. Didamony, Khlood M. Abou El-Nour, Ivo Grabchev and **Lamia El-Zayat**, *Arabian J. Chemistry*, 4(1), 83-97 (2011).
9. "Charge-transfer complexes: Synthesis and spectroscopic characterizations on the five fluorescence dyes N-allyl derivatives of 1,8-naphthalimide with different acceptors" M.S. Refat, H. Al. Didamony, Ivo Grabchev and **Lamia El-Zayat**, *Bulgarian Chemical Communications*, (2010).
10. "Synthesis and spectroscopic characterization of piperidine/I₂ complex with charge transfer in different chlorinated organic solvents" M.S. Refat, A.A. Adam, Hamdy Al. Didamony, and **Lamia El-Zayat**, *Bulgarian Chemical Communications*, (2010).
11. "Spectroscopic and thermal studies on the charge transfer complexes formed between morpholine as donor with p-chloranil and 7,7',8,8'-tetracyanoquinodimethane" M.S. Refat, H. Al. Didamony, and **Lamia El-Zayat**, Sent to published.

LANGUAGES

Arabic (fluent), English (fluent).

