



Curriculum Vitae



Personal information

Name	Madiha Hassan Soliman Ali		
Address	10 Abd alla Street, Saudi Building 3rd. Floor , Helwan Egypt.		
Telephone	(02)27120123	Mobile:	(02) 01006824334
E-mail	drmadihahasn@yahoo.com		
Nationality	Egyptian		
Date of birth	20-12-1960		
Fax(es)	02 2555 2468		
Sex	Female		
Place of Birth	Cairo, Egypt.		
Marital status	Married, two sons		
Present Job	Professor of Inorganic Chemistry		
Publication Name	M. H. Soliman		
National ID	26012200100421		

Education

الدرجة	الجامعة المانحة للدرجة	السنة	التخصص
PhD	Helwan University	1997	Analytical Chemistry
MSc	Helwan University	1992	Analytical Chemistry
BSc	Cairo University	1982	Chemistry

التسلسل (Current / Previous positions)

الوظيفي الوظيفة	السنة	التخصص
Professor Doctor	2016	Professor Doctor of Inorganic Chemistry.
Assistant Professor	2010	Assistant Professor of Analytical Chemistry
PhD. research fellow	1997	Lecturer of Analytical Chemistry
Assistant lecturer	1992	Assistant lecturer, Chemistry Department, Faculty of Science, Helwan University, Egypt.
Demonstrator	1984	Demonstrator, Chemistry Department, Faculty of Science, Helwan University, Egypt.
MSc scholarship holder	1982	MSc scholarship holder, Chemistry Department, Faculty of Science, Cairo University, Egypt.

Publications

م	الابحاث	البلد	اسم المجلة	سنة النشر
1	<u>I-Publications extracted from M.Sc. thesis:</u> Physico Chemical studies on 1,3,5-Triphenylformazan Derivatives and their Complexes M.S. Rizk, W.S.Tyor, Y.M.Issa and <u>M.H.Soliman</u> Egypt J. Chem. 36, No.6 (1993) 459-471.	Egypt	Egypt J. Chem.	1993
2	IR and TG Studies on Substituted 1,3,5Triphenylformazan complexes with Bivalent Cobalt, Nickel, Copper and Zinc. Y.M.Issa, M.S. Rizk, W.S.Tyor and <u>M.H.Soliman</u> J. Indian Chem. Soc. V.70(1993)5-7.	India	J. Indian Chem. Soc.	1993
3	<u>II- Publications extracted from Ph.D. thesis:</u> Effect of Some Surface Active Substances on the Spectrophotometric Determination of Th(IV) Using Some Coumarine AzoDye. <u>A.L.El- Ansary, A.T. Kandil, Y.M.Issa and M.H.Soliman</u> Asian Journal of Chemistry, Vol.10 No.1(1998)86-98 .	India	Asian Journal of Chemistry	1998
4	Spectrophotometric Determination of Thulium(III) and Dioxouranium Ions Using 8-(Arylazo)-6,7- Dihydroxy-4-Methylcoumarine Derivatives. Y.M.Issa, A.L.El- Ansary, S.A.Sayed and <u>M.H.Soliman</u> Egypt J. Chem. 42 No.1(1999)37-47.	Egypt	Egypt J. Chem.	1999
5	<u>III – Publications after appointment as Lecturer:</u> Iodometric Determination of Famotidine, Rantidine HCl and Gliclazide in Pharmaceutical preparations. <u>M.H. Soliman</u> Published in Journal of Drug Res. Vol. 26 2((2005)150-153.	Egypt	Journal of Drug Research	2005
6	Solvent Extraction Studies on Phosphoric Acid Produced by Wet Process. A.T.Kandil, <u>M.H. Soliman</u> , H. S. Gado, N.S. Awwad and M.N. Taha Published in Egypt Chem.49.No.3(2006)331-340.	Egypt	Egypt Chem.	2006
7	Sorption Characteristics and Chromatographic separation of Gold(I and III) From Silver and Base Metal Ions Using Polyurethane Foams. A.B.Farag, <u>M.H. Soliman</u> , O.S. Abdel- Rasoul and M.S. El- Shahawi Published in Analytical Chimica Acta 60, pp.218-229 (2007).	America	Journal of Analytical Chimica Acta	2007
8	Synthesis, Characterization and Sorption Behavior of Zinc , Cadmium and Lead Ions on Antimonic Acid Ion Exchanger. I.M. El- Nagar, E.A. Mowafy, W.M.El- Kenany, <u>M.H. Soliman</u> and A.B. Farag. Published in Arab Journal of Nuclear Science and Applications 41(2008)119-128.	Egypt	Arab Journal of Nuclear Science and Applications	2008

9	<p>Environmental Monitoring of Toshki Region As a New Egyptian Community. F. Abou El-Nour, G.A. Dakroury, M.A. Helayel, A.T.Kandil and <u>M. H. Soliman</u> Published in Arab Journal of Nuclear Science and Applications 41(2008) 81- 92.</p>	Egypt	Arab Journal of Nuclear Science and Applications	2008
10	<p>Assessment of Some Heavy Metal Pollutants in Water, Soil and Plants From Helwan Region. F. Abou El-Nour, M.A. Helayel, G.A. Dakroury, A.T.Kandil and <u>M. H. Soliman</u> Published in Arab Journal of Nuclear Science and Applications 41(2008) 93- 104.</p>	Egypt	Arab Journal of Nuclear Science and Applications	2008
11	<p>Investigation on the Characteristics and Adsorption of Organic Matter in Crude Phosphoric Acid by Clay Minerals. N.S. Awwad, <u>M.H. Soliman</u>, H. S. Gado, A.T.Kandil and M. N.Kouraim Published in Arab Journal of Nuclear Science and Applications, 42(2009)55- 66.</p>	Egypt	Arab Journal of Nuclear Science and Applications	2009
12	<p>Chemical Studies on the Removal of Iron from Crude Phosphoric Acid Using an Organosilicon Compound. <u>M.H. Soliman</u>, H.S. Gado M.N.Kouraim Published in Indian journal of Chem. 6(2009)329-341.</p>	India	Indian journal of Chem.	2009
13	<p>Spectrophotometric and chromatographic determination of sulphuride in pure and dosage forms. <u>M.H. Soliman</u>, N. Gadalla and H.Saad Published in Journal of Environmental Research and Development 4(3)(2010).</p>	Egypt	Journal of Environmental Research and Development	2010
14	<p>Spectrophotometric Study of Reaction Mechanism between 2,3-Dichloro-5,6-dicyano-p-benzoquinone dimethane π- and Iodine σ-Acceptors and Thiapride and Their Determination in Pure and Dosage Form. <u>M.H. Soliman</u> and H. Saad Published in Asian Journal of Chemistry 22(2010) 714-720.</p>	India	Asian Journal of Chemistry	2010
15	<p>Synthesis, spectroscopic and thermal characterization of sulphuride complexes of iron, manganese, copper, cobalt,</p>		Journal of Spectrochimica Acta	

<p>nickel, and zinc salts. Antibacterial and antifungal activity. Gehad G.Mohamed and <u>Madiha H. Soliman</u> Published in Journal of Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 76(2010)341-347</p>	<p>England</p>	<p>Part A: Molecular and Biomolecular Spectroscopy</p>	<p>2010</p>
<p>16- Metal complexes of fenoterol drug, preparation, spectroscopic, thermal and biological activity characterization. <u>M.H. Soliman</u>, G.G. Mohamed and E. A. Mohamed Published in journal of Thermal Analysis and Calorimetry 99(2010) 639-647.</p>	<p>Germany</p>	<p>Journal of Thermal Analysis and Calorimetry</p>	<p>2010</p>
<p><i>IV – Publications after appointment as Assistant Professor:</i> 17-Preparation, spectroscopic and thermal characterization of new metal complexes of verlipride drug. In vitro biological activity studies. <u>M. H. Soliman</u>, Gehad G. Mohamed Journal Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 91(2012)11-17</p>	<p>England</p>	<p>Journal of Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</p>	<p>2012</p>
<p>18- Cr(III), Mn(II), Fe(III), Co(II), Ni(II), Cu(II) and Zn(II) new complexes of 5-aminosalicylic acid: Spectroscopic, thermal characterization and biological activity studies. <u>M. H. Soliman</u>, Gehad G. Mohamed Journal Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 107(2013) 8-15.</p>	<p>England</p>	<p>Journal of Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</p>	<p>2013</p>
<p>19- Determination of some antiblockers through spectrophotometric, HPLC and TLC-Densitometric method. <u>M.H. Soliman</u>, E. Abdel Moety. International Journal of Pharmaceutical and Biological Sciences 4(2014)794-801.</p>	<p>India</p>	<p>International Journal of Pharmaceutical and Biological Sciences</p>	<p>2014</p>
<p>20- Thermal decomposition and biological activity studies of some transition metal complexes derived from mixed ligands sparfloxacin and glycine. <u>M.H. Soliman</u>, A.M. M. Hindy, G.G. Mohamed J. Thermal Analysis and Calorimetry 115(2014) 987-1001.</p>	<p>Germany</p>	<p>J. Thermal Analysis and Calorimetry</p>	<p>2014</p>

<p>21-Biological activity, spectral and thermal characterization of mixed ligand complexes of enrofloxacin and glycine: in vitro antibacterial and antifungal activity studies. M.H. Soliman, A.M. M. Hindy, G.G. Mohamed J. Monatshefte fur Chemie- Chemical Monthly 145,11 (2015).</p>	Germany	Journal of Monatshefte fur Chemie- Chemical Monthly	2015
<p>22-Development of a New Modified Screen-Printed and Carbon Paste Electrodes for Selective Determination of Cetyltrimethylammonium Bromide indifferent Water Samples. Tamer Awad Ali, M.H. Soliman, Gehad G. Mohamed,A. B. Farag, Mahmoud K. Samah Int.J. Electrochem. Sci.10(2015)3192-3206.</p>	Belgrade	International Journal of Electrochemical Science	2015
<p>23 - Novel synthesis of 2-imino-2H-chromene-3-carboximide metal complexes. Thermal decomposition, spectral studies and antimicrobial activity evaluation Madiha H. Soliman, Gehad G. Mohamed , Galal H. Elgemeie J. Thermal Analysis and Calorimetry123 (2016)583-594.</p>	Germany	J. Thermal Analysis and Calorimetry	2016
<p>24- Electrochemical determination of N-(1,1,2,2-tetrahydroperfluorooctyl)-N, N- dimethylammoniumchloride surfactant in different water samples using modified screen printed electrode. Tamer Awad Ali, M.H. Soliman, Gehad G. Mohamed Int.J. Electrochem. Sci.11(2016)583-594.</p>	Belgrade	International Journal of Electrochemical Science.	2016
<p>25-Potentiality of Flouride Determination from Egptian Phosphogypsum Using an Ion Selective Electrode. Abdel-Hakim T. Kandil, Hady S. Gado, Mohamed F. Cheira, Madiha H. Soliman, Hesham M. H. Akl. <i>IOSR Journal of Applied Chemistry(IOSR-JAC)V.9,Issue4 Ver.II(2016)1-11.</i></p>	India	<i>IOSR Journal of Applied Chemistry(IOSR-JAC)</i>	2016

الانشطة العلمية و البحثية		
	البند خلال السنة	م
Partial participation through implementing novel research areas of Inorganic and Analytical Sciences.	المشاركة في الخطة البحثية للقسم	1

Shared in the improvement of simulation laboratories for the students from grade 1 to grade 4.	المشاركة في إنشاء / تطوير معامل الطلاب (معامل المحاكاه)	2
الدكتوراة 4	الماجستير 9	عدد رسائل الماجستير / الدكتوراه التي تقوم بالاشراف عليها
الدكتوراة 1	الماجستير	عدد رسائل الماجستير / الدكتوراه التي تقوم بتحكيمها
A member of the Assessment Committee for the acceptance of Inorganic and Analytical Chemistry Premaster.	الاشتراك في لجان امتحان القبول للدبلوم / للماجستير/ الدكتوراه	5
Sharing in attending and making lecturers and seminars in chemistry department and for television channels'.	المشاركة بالمحاضرات العامة و ندوات الرسائل العلمية بالقسم	6

الأشتراك في البرامج التدريبيه التي تتعلق بالعملية التعليميه وخدمه المجتمع والتوجه بالأبحاث : (خدمة المجتمع) *Social Activities* لخدمه المجتمع

محكما في المجلات العلمية العالمية المحكمة مثل مجلات:

1-Arbitrator in the court of global scientific journals such as magazines:

1-Journal of Spectrochimica Acta Part A: Molecular and Bimolecular Spectroscopy.

2-British Journal of Applied Science& Technology.

3-Journal of Industrial and Engineering Chemistry.

4- African Journal of Biotechnology.

5-Iranian Journal of Pharmaceutical Research.

6- Journal of Solution Chemistry

6- Journal of Thermal Analysis and Calorimetry.

2- Member of the American Chemical Society.

3- Member of the Egyptian Society for Analytical Chemistry.

4-Member of the Egyptian Society of Chemistry.

5- Member of The Egyptian Association for Science and radiological applications.

6- Arbitrator scientific thesis to the State of India.

7- Teaching for Undergraduate general chemistry courses in the colleges of science and engineering education and applied arts and fine arts.

8- Taching analytical chemistry and inorganic chemistry courses in Faculty of Science, Bachelor stage different teams and the College of Education English at Zamalek and the College of Education at Helwan

9- Teaching Electro Analytical Chemistry courses for Pre-Masters students, Faculty of Science.

10-Supervision of the research article for students Bachelor.

11-Supervision of the Theses Master's and PhD.

12-Chirman of the Questionnaires Committee Department.

13-Participate social activity department and the college and work on linking the university community through the activities of linking the university community and through research that serve the commun

14-Participate in the training of the Computer of the development of the capacity of faculty members ICTP and obtain a certificate courses

15. Participation in the membership department board exams and work through oversight committees and

Control works.

16-Participation in the development of curricula for the various teams of the courses of the chemistry, as well as participating in the improvement of simulations labs for students of BA (from the 1st to 4th grade).

الابحاث التي تقوم بخدمة المجتمع

The research community service:

1-Assessment of Some Heavy Metal Pollutants in Water, Soil and Plants From Helwan Region.

F. Abou El-Nour, M.A. Helayel, G.A. Dakroury, A.T.Kandil and **M. H. Soliman**

Published in Arab Journal of Nuclear Science and Applications 41(2008) 93- 104.

2-Environmental Monitoring of Toshki Region As a New Egyptian Community.

F. Abou El-Nour, G.A. Dakroury, M.A. Helayel, A.T.Kandil and **M. H. Soliman**

Published in Arab Journal of Nuclear Science and Applications 41(2008) 81- 92.

3-Synthesis Characterization and Sorption Behavior of Zinc ,Cadmiumam Lead Ions on Antimonic Acid Ion Exchanger.

I.M. El- Nagar,E.A. Mowafy,W.M.El- Kenany, **M.H. Soliman** and A.B. Farag.

Published in Arab Journal of Nuclear Science and Applications 41(2008)119-128.

4- Chemical Studies on the removal of Iron from Crude Phosphoric Acid Using Organosilicon Compound.

M.H. Soliman, H.S. Gado and M.N.Kouraim

Published in Indian journal of Chem.6(2009)329-34.

5-Investigation on the Characteristics and Adsorption of Organic Matter in Crude Phosphoric Acid by Clay Minerals.

N.S. Awwad, **M.H. Soliman**, H. S. Gado, A.T.Kandil and M. N.Kouraim

Published in Arab Journal of Nuclear Science and Applications,42(2),pp.

(55- 66)(2009).

مؤتمرات – ندوات – اجتماعات – إشراف

مؤتمرات

Participate in the annual scientific conference of the department and the college and also the university's annual conference in addition to:

Participation in some international scientific conferences such as:

1-International Conference on Chemistry

"Solar Energy for Photochemical Reactions" (2005)Ain Shams University

2-International conference on Chemistry

" Green and Sustainable Chemistry for Developing Countries" 3-6 March (2008) Cairo University.

3- The 1st International Conference on Science Diplomacy and Development in Chemistry. November 24-26, 2012. Alexandria. Egypt.

4-11thInternational Conference of on Chemistry and its Role in Development

Held in Mansoura and Sharm El- Sheikh, Egypt, 11-15 March 2013.

	<p>5- 2nd International Conference on Advanced Basic& Applied Science(ABAS) 2-4 April (2014) Sokhna, Egypt.</p> <p>6- 5th International Conference on Advances in Chemistry and Applied Chemistry(ICACAC-5) 21-23 October (2014) Organized by Chemical Industries Division- National Research Centre Cairo-Egypt.</p> <p>7- 1st International Conference of Genetic Engineering and Biotechnology" Integrative Science and Biotechnology" April 26-29, 2016. [Participated and attended as a speaker].</p>
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الدورات التدريبية	<p>The field of quality management systems:</p> <ol style="list-style-type: none"> 1- Quality Assurance and Accreditation 2- Calendar Student 3- Behaviors profession 4. Skills Calendar 5. Economics, finance and marketing research 6. Teaching using technology 7. Communication skills 8. Concepts Student Calendar <p>Join vial or at other training such as</p> <p>-The training course for the removal and recovery of heavy metals from water and liquid waste National Center for Research (Training and development center) from 16 to 20 July 2006</p> <p>-Supreme Council of Universities Central Unit of ICT Training (CUICTT) Improving Higher Education Workforce ICT Skills Project. (2006)</p> <p>-Participation in the training course on the use of global databases digital library held at Helwan University (7-8) -12-2014.</p>
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إشراف رسائل	Title of Thesis	Date	Name of Student
	Physicochemical studies on some –N-Silicidene derivatives and their metal chelates.	14-6-1999 Ph. D	Reham Faroukh Hassan
	Separation of Gold and /or Silver from base metals by selective polymeric extractor.	4-2-2001 M. Sc.	Amro Said Zaki
	Solvent extraction studies on Phosphoric Acid produced by Wet –Process.	20-9-2004 M. Sc.	Mohamed Nouh Taha
	Environmental Studies for treatment of some heavy metals from industrial liquid waste using Antimonic Acid as cation exchanger.	21-3-2005 M. Sc.	Wafaa Mohamed Mohammed Husein
	Construction of an environmental pollution-map for some industrial sites using some bio indicators.	9-2-2004 Ph. D	Mohamed Ali Mahmoud Helil
	Determination of Some drugs in pure form and in pharmaceutical Preparation.	27-12 2006 M. Sc.	Eman Abd- El Moety
	Analytical studies for determination of some drugs in	27-12-2006	Hanaa Saad

	pure and in pharmaceutical preparation.	M. Sc.	Ibrahim
	Preparation of Screen-printed Ion Selective Electrode for potentiometric Determination of some surfactants in different water samples.	23-1-2013 M. Sc.	Mahmoud Karam Samah
	Chemical studies on the production of ammonium sulfate fertilizer from waste Alphusfujbs.	23-1-2013 M. Sc.	Hesham Moustafa Hasab alla
	Spectral determination chromatography uranium and some nuclear elements in geological samples	28-4-2014	Wafaa Ibrahim Abd El- alim
انشطة اخرى (المناقشات المفتوحة)	Attend all discussions pertaining to the department and the College		
المشاركة في الانشطة الريادية الطلابية	Do social activity in chemistry department and the college and the organization of scientific and entertainment trips for the students.		
الانشطة المحلية و القومية و العالمية	1-Reviewer in the court of global scientific journals such as magazines: 1-Journal of Spectrochimica Acta Part A: Molecular and Bimolecular Spectroscopy. 2-British Journal of Applied Science& Technology. 3-Journal of Industrial and Engineering Chemistry. 4- African Journal of Biotechnology. 5-Iranian Journal of Pharmaceutical Research. 6- Journal of Solution Chemistry.		

الاعمال المتعلقة بتعزيز / تحسين العملية التعليمية :

. Participation in the membership department board exams and work through oversight committees and Control works.	المشاركة في تطوير و تحديث اللوائح الدراسية	1
عدد البرامج 1	المشاركة في متابعة تنفيذ خطط تحسين البرامج	2

Participation in the development of curricula for the various teams of the courses of the chemistry, as well as participating in the improvement of simulations labs for students of BA (from the 1 st to 4 th grade).	المشاركة في تطوير المعامل	3
عدد الطلاب 10 عدد مشروعات التخرج 10	المشاركة في الاشراف على مشروع التخرج	4
عدد الطلاب	الارشاد الاكاديمي لمجموعة من الطلاب	5
Participation in control works / exams	المشاركة في أعمال الكنترول / الامتحانات	6
I share in the works in the quality assurance unit. ChemistryDepartment, Faculty of Science, Helwan University, Cairo,Egypt.	المشاركة في وحدة ضمان الجودة	7

يعتمد"
عميد الكلية

يعتمد"
رئيس القسم