



VITA

MOHAMED HAMZA EL-SAEID, *Ph.D.*

Full Name: MOHAMED HAMZA EL-SAEID ABOUSHANAB

Professor

Chemistry and Environmental Pollution

(Chemistry & Pesticide Residue Analysis)

College of Food & Agricultural Sciences

Director of Chromatographic Analysis Unit

Director of Labs and Risk Management Unit

King Saud University, Riyadh, KSA **

Chemistry Dept. Texas Southern Univ. Houston, TX. (Former Adjunct Professor)

Agric. faculty Al-Azhar University, Cairo, Egypt

SCORE Consultant (Former)

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Biography:

Mohamed El-Saeid, Ph.D., Professor of Chemistry and environmental Pollution, Food & Agric. College, King Saud Univ. KSA, and Consultant of SCORE and PRC in the Ministry of Higher Education, KSA. Prof. EL-Seaid was a visiting Adj. Professor in the Department of Chemistry, Texas Southern University, Houston from 2001 -2005, and Oklahoma State Univ. OSU, OK, 2001. Also was Assistant Professor of Food Chemistry and pollution, Faculty of Agriculture, Al-Azhar University, Egypt. Obtained Ph.D. under the collaboration Program from Texas Southern University, USA) with Al-Azhar University in 1999. More than 65 publications in different areas of Chemistry and Environmental pollution, pesticide residue analysis, POPs, PAHs in Foods, Foods, Water, Air, Soil,...etc. by advanced and new techniques of Chromatographic analysis such as GCs, GCMS, GCMSMS, HRGCMSMS, LCMS, LCMSMS, SFC, CEC, CE, SFE, MAE, Sonication and SPE. Dr. EL-Seaid was Researcher of the project funded from RCMI, TSU. TX and a PI of 6 research projects funded from ARC, KSU, KSA. Wrote a book chapter with Dr. Khan, entitled "Analysis of pesticides in food samples by Supercritical Fluid Chromatography". Handbook of Pesticides: 2010, Chapter 5, pp 93-113, *Taylor & Frances Group. CRC press.* USA. Currently, Prof. El-Saeid PI for 2 Research projects funded by KSNPST with Budget 3,500.000 SR and CO-PI for other 4 Research Projects. In 2014, translate the Handbook of Pesticides 2010, book to Arabic Language in 2 Volumes (950 Pages). Also, translate with others 2 books to Arabic published by King Saud Univ. press, Contaminate Urban Soil and Soil Contamination 2018 and Alternatives for Sustainable Development 2021. Recently, in 2020 writing with others 2 Chapters in the book of Current Research & Development in Chemistry, Vol. 3.



EDUCATION:

- 1/1999 Philosophy Doctor (Ph.D.) Chemistry and Pesticide Residue Analysis from Texas Southern University, Chemistry Dept., Environmental & Toxicology Laboratory Houston, Texas, USA & Al-Azhar University, Faculty of Agriculture, Cairo, Egypt **(Under Joint supervision system)**
(NEW TECHNIQUES FOR RESIDUE ANALYSIS OF PESTICIDES IN FOODS) 1999.
- 12/95-9/98 Texas Southern University (TSU), Houston, Texas, USA. Environmental & Toxicology Laboratory, Candidate for Doctor of Philosophy in Pesticide Chemistry. Environ. Toxicol. Program, Texas Southern University, Houston, Texas, USA.
- 3/89-03/93 Master of Science (M.S.) Food Contamination, Al-Azhar University, Faculty of Agriculture, Cairo, Egypt. *(STUDIES ON STORAGE ABILITY AND EXPIRY DATE OF SOME FROZEN FISH FOR HUMAN CONSUMPTION)*.
- 10/83-08/87 Bachelor of Science (B.S.) Food Sci., Agricultural Science. Faculty of Agriculture (V. Good), Al-Azhar University, Cairo, Egypt.

EXPERIENCE:

- 3/011- Present
(8/2021) ** Professor of Environmental Pollution Chemistry, Pesticide Residue Analysis., King Saud University, Riyadh, KSA (By the Approval from AL-Azhar Univ. Cariro, Egypt).
- 9/010- Present
(8/2021) ** Director of Organic Pollutants Analysis, Chromatographic Analysis Unit,. King Saud University, Riyadh, KSA
- 10/08- 2/011 Associate Professor of Chemistry and Pesticide Residue Analysis. Soil Science Department, King Saud University, Riyadh, KSA (By the Approval from AL-Azhar Univ. Cariro, Egypt)
- 9/06- 9/08 Associate Professor of Chemistry and Pesticide Residue Analysis. Plant Protection Department, King Saud University, Riyadh, KSA. (By the Approval from AL-Azhar Univ. Cariro, Egypt)
- 1/05- 8/06 Assistant Professor of Chemistry and Pesticide Residue Analysis. Plant Protection Department, King Saud University, Riyadh, KSA (By Al-Azhar Univ Permissions. Cairo, Egypt).



6/02 – 11/05

V. Instructor and Adjunct Professor, Chemistry Department, Texas Southern University, Houston, Texas 77004. USA, (By the Approval from AL-Azhar Univ. Cariro, Egypt)

▶ Research Professor for Pesticide Residue Analysis, Benzo(a)pyrene & Acrelamide in Foods by New Techniques,. Biomarkers and Environmental Toxicology Laboratory Chemistry Department, Texas Southern University.

▶ Teaching Advanced Courses ES 909 & 908 Analysis of Toxicant class and Lab for Environmental Toxicology Ph.D. program, ES 911 GC& GC/MS in same program, Biochemistry for pharmacy students & G. Chemistry for Chemistry major.

▶ NMR Lab Director for Training & research with Prof. John B. Sapp, Department Chair, Chemistry Department, Texas Southern University. Houston, Texas 77004.

▶ Participation and helped develop a quality environmental analytical laboratory and environment research program, with special interest in environmental monitoring & assessment for the TSU Environmental Toxicology Program. The University has acquired \$1,500,000.00 in analytical instrumentation (i.e., GC/ECD/FID, GCs, GC/MS, ICP/MS, HPLC/MS, IC, and FTIR).

1/ 02 – 6/02

Research Associate, Chemistry Dept., Tottering General Chemistry. Chemistry Dpt. TSU Houston, TX (By the Approval from AL-Azhar Univ. Cariro, Egypt)

9/01-12/ 01

Post-Doctor, Oklahoma State Univ. (OSU) “Develop separation methodology for Pesticide residues, Tetracycline antibiotics and Hormones by CE & CEC”. Chemistry Dept., OSU Stillwater, OK 74078.

12/95-12/98

Analysis Training on new and advanced rapid Chromatographic techniques methodology development of C/FPD/NPD, GC/ECD, GC/MS, HPLC, Supercritical Fluid Chromatography SFC), Supercritical Fluid Extraction (SFE), Microwave Solvent Extraction (MSE), Accelerated Solvent Extraction (ASE)& ELISA techniques in Environmental and Toxicology Lab, Texas Southern Univ., Hewlett Packard and Dionex Inc.

12/97-12/98

Extraction Training period on new and advanced rapid Chromatographic and Extraction techniques to analysis more than 75 Pesticides residues in Foods. (OCPs, OPPs, Herbicides, Fungicides, Carbamates, Pyrethroids and BCBs)

9/98-8/01

Assistant Professor of Chemistry and pesticide residue analysis, Food Science and Technology Department, Faculty of Agriculture, **Al-Azhar University, Cairo, Egypt**, Teaching Food Chemistry Environmental Toxicology, Food Contamination, Chemical Residues in Foods, ELIZA methodology and special studies courses for senior and M. S. students.



10/93-12/95

Teaching Assistant. Instructed Food Chemistry, Food plants Sanitation, Food Analysis, Food Microbiology and Industrial Micro-biology for junior and senior students. **Al-Azhar University, Cairo, Egypt.**

3/89-10/93

Instructor. Instructed Food Chemistry, Food Technology, Food plants Sanitation, Food Analysis, Food Microbiology, Industrial Microbiology, ELISA techniques and Pathogenic microorganisms for junior and senior students. **Al-Azhar University, Cairo, Egypt**

CONSULTATIONS

Consultant: [Ministry of Higher Education](#), Kingdom of Saudi Arabia, for 24 Saudi Centers of Research Excellence (SCORE) and Promising Research Centers (PRC).

ACTIVITIES:



Winner of Egyptian Academy of Sci. Rewards for Research..
winner of Texas Academy of Sci. Rewards as a one of the best 6 researchers presented in TAS meeting 1997.



Supervisor on Supercritical Fluid Chromatography (SFC) and GC/FPD-NPD Operation in Food Technology Research Institute, Agric. Research Center.



Membership in Texas Academy of Science. USA



Membership in Egyptian Society of Food Science and Technology. Egypt.



Membership American HACCP Society. USA Supervised undergraduate students in scientific visits to Pesticide Plants, food plants, Sample collection, NASA training.



Sharing on new chemical and microbiological rapid methods in food analysis in some research projects with Egyptian Academy of Sci.:



* Assessment of storage ability and expiry date of stored foods.



* Production some intermediate materials used in food processing.



Participation in writing and data analysis of Master research titled by "Effect of some food additives on the shelf life of some bakery products" M. Sc. Thesis, Food Sci. and Tech. Dept. Faculty of Agriculture, Al-Azhar University, Cairo, Egypt, 2000.



Supervise the Lab work training, Instrumentation analysis and data analysis of 3 Masters researches titled by "BIOACTIVE PHYTOCHEMICALS OF STONE FRUITS SEEDS"& "CHEMICAL AND BIOLOGICAL EVALUATION OF THE SEEDS OF BOMBAX". M.S. Thesis, Environmental Toxicology program, Chemistry Department, Texas Southern University, 2003.



- 🍏 Supervise on Lab work training, Instrumentation analysis and data analysis of 3 Ph.D. researches, Environmental Toxicology program, Chemistry Department, Texas Southern University, 2002-2003.
- 🍏 NMR Lab Director Environmental Toxicology program, Chemistry Department, Texas Southern University, 2004.
- 🍏 M.S. Supervisor titled "Determination of Pesticide Residues in Factories of Pesticides and Their Effects n Male Rats. Mr. Rami Al-Soliman, M.S.Thesis, Plant Protection Department, King Saud University, Riyadh, KSA.
- 🍏 M.S. Supervisor titled "Effect of Cooking Methods on Losses of some OCP Pesticide Residues in LambCarcasses. Mr. Khaled Al-Karawy, M.S. Thesis, Plant Protection Department, King Saud University, Riyadh, KSA.
- Participate & Attend 32 Scientific International Conferences in USA, Germany, Egypt and KSA.
- Present more than 44 General Presentation in Pesticide Residue and Contaminant Analysis in. USA, South Korea , Egypt and KSA.
- 🍏 Present 2 TV Interviews in Pesticide Residue and Contaminant Analysis in.
- 🍏 South Korea & Egypt.
- Committee member of Ph.D. program in Plant Protection Dept. King Saud Univ. KSA.
- 🍏 Committee member of Nano Technology program in King Saud Univ. funded f
- 🍏 rom the Custodian of the Two Holy Mosques. KSA.
- 🍏 Committee member of King Saud Science Park (KSSP) in King Saud Univ. KSA.

RESEARCH PROJECTS:

A: Previous.

- 1- Chemical and application studies of piperitone from plant extract of *Cymbopogon* spp against some plant pathogenic fungi. **PI** (Granted by SABIC, www.sabic.com)
- 2- Pesticide residue in some fish cultured in the Riyadh region. **PI** (Granted by College of Food & Agricultural Sciences Research Center)
- 3 -Evaluation of Pollutants in Agricultural Soils in Saudi Arabia. **Co PI**, (Granted by Deanship of Scientific Research)



4- Characterization and assessment of pollutant sources in aerosols in the Riyadh City. **Co PI**, (Granted by KACST, www.kacst.edu.sa)

Determination of Pesticide Residues in the Air Around the Pesticide Factory's. **PI** (Granted by SABIC, www.sabic.com)

5-Comparative effectiveness and residues of two application methods of Spinosad insecticide on greenhouse tomato d fruit and leaves. **Co PI** (Granted by SABIC, www.sabic.com)

6- Pesticide residues in Date palm farm Soils in Al-Kharj Governrate . **CoPI** (Granted by SABIC, www.sabic.com)

7-Distribution, Sources and Factors Influencing the Dissipation of Poly aromatic Hydrocarbons (PAHs) in Urban Soils (Budget 1.495.000 SR) **PI**

8- Survey, classification, and monitoring of pesticide residues and heavy metals in soil and water for Al- Qassim region: BCARC Center, ALQassem Univ. (Budget 430.000 SR) **CoPI**

B: Current.

1- Monitoring of persistent organic pollutants levels Mother Milk in the Kingdom of Saudi Arabia. NPST. KSU. (Budget 1.800.000 SR) **PI**

2- Biochar and activated carbon as a means for reducing levels of pesticide residues in contaminated soils to preserve water and plant resources. NPST. KSU. (Budget 1.850.000 SR) **CoPI**

C: Submitted.

1- **Bioremediation of pesticide residues in Saudi Arabia polluted soils. PI**

BOOKS:

1- Analysis of pesticides in food samples by Supercritical Fluid Chromatography.

Handbook of Pesticides: Chapter 5, pp 93-113, *Taylor & Frances Group. CRC press. USA.* (2010). **English.**

2-Translated Book دليل المبيدات – مترجم، دار جامعة الملك سعود للنشر. الجزء الأول. طرق تحليل متبقيات المبيدات 2014م

3-Translated Book دليل المبيدات – مترجم، دار جامعة الملك سعود للنشر. الجزء الثاني. تحليل متبقيات المبيدات طرق 2014م

4 -Translated Book التربة الحضرية الملوثة ، مترجم، دار جامعة الملك سعود للنشر. 2018م

5-Translated Book تلوث التربة وبدائل التنمية المستدامة ، مترجم، دار جامعة الملك سعود للنشر. 2021م

Conferences:

More than 68 Presentation and Poster in local and International conferences (Egypt. Dubai, Czech Republic , USA and KSA.

Supervisions:

No	Student Name	MS/PhD	Year
1	Rami Alsoliman	MS	2007
2	Khaled Alkarawy	MS	2009
3	Adel Adebass	MS	2011
4	Abed Hussin	PhD	2017
5	Waled Abotaleb	MS	2018



6	Naser Aloewed	MS	2017
7	Marzok Alfahd	PhD	2019
8	Ahmed Magami	PhD	2020
9	Thawap Rahmani	PhD	-
10	Mazen Alyosef	PhD	-

PUBLICATIONS:

El-Saeid, M.H. (1993). STUDIES ON STORAGE ABILITY AND EXPIRY DATE OF SOME FROZEN FISH FOR HUMAN CONSUMPTION. Master of Science Thesis (M. Sc.) in Food Science and Technology Al-Azhar University, Faculty of Agriculture, Food Science and Technology Dept. Cairo, Egypt.

Saleh, M.A., Nofal, M.A., Hashem, H.A., Kamel, A. and **El-Saeid, M.H.** (1998). RAPID MULTI RESIDUE EXTRACTION OF PESTICIDE RESIDUES IN FOOD SAMPLES BY SUPERCRITICAL FLUID EXTRACTION (SFE) AND MICROWAVE SOLVENT EXTRACTION (MSE). *101st annual meeting of Texas Academy of Science, March 5-7, 1998, University of Texas at Tyler, Texas USA.*

Saleh, M.A., Nofal, M.A., Hashem, H.A., Kamel, A. and **El-Saeid, M.H.** (1998). MULTI RESIDUE DETERMINATION OF PESTICIDE RESIDUES IN FOOD SAMPLES BY SUPERCRITICAL FLUID CHROMATOGRAPHY (SFC). *101st annual meeting of Texas Academy of Science, March 5-7, 1998, University of Texas at Tyler, Texas USA.*

El-Saeid, M.H. (1999). NEW TECHNIQUES FOR RESIDUE ANALYSIS OF PESTICIDES IN FOODS. Philosophy Doctor Thesis (Ph.D.) in Food Science and Technology (Scholarship under conjugated supervision between Texas Southern University and Al-Azhar University, Faculty of Agriculture, Food Science and Technology Dept. Cairo, Egypt.

El-Saeid, M.H. and Shahat, M. (2000). DETECTION OF PESTICIDE RESIDUES BY GC/FPD AND GC/ECD AND HEAVY METALS IN SOME FRESH FROUTS AND VEGETABLES COLLECTION FROM CAIRO. *1st Food Sci. & Tech. Conference, 17-19 Oct. 2000, P. 183-203, Faculty of Agric., Mansura Univ. Cairo, Egypt.*

Shahat, M. and **El-Saeid, M.H.** (2001). CONTRIBUTION OF THE NORMAL SERVING SIZE OF SOME LOCAL FRESH FROUTS TO THE DAILY NEEDS OF VITAMINS AND MINERALS. *Egyptian J. of Applied Sci., 16 (1), PP. 145-159, 2001.*

Ahmed, A.I.S., **El-Saeid, M.H.** and Youssef, G.M. (2001). SIMPLE SFC TECHNI- QUE FOR STEROLS ESTIMATION. *The 3rd International Conference and Exhibition for Food Industries Quality Control. 17-19 June 2001, PP. 50-60.*



EL-Saeid, M. H. (2003) PESTICIDE RESIDUES IN CANNED FOODS, FRUITS, AND VEGETABLES: THE APPLICATION OF SUPERCRITICAL FLUID EXTRACTION AND CHROMATOGRAPHIC TECHNIQUES IN THE ANALYSIS. *The Scientific WorldJORNAL* (3)1314-1326.

Anyanwu, Ebere. C; **M. H. EL-Saeid**, and M. A. Saleh (2003). DETERMINATION OF BIOAVAILABLE LEAD CONCENTRATION IN VEGETABLE PLANTS GROWN IN FARM ALLOTMENT NEAR A RECLAIMED INDUSTRIAL SITE. *Society of Environmental Toxicology and Chemistry 24th Annual Meeting in North America*, 913 November, 2003, Austin, Texas, USA. (PT137 page # 216)

Anyanwu, Ebere. C; **M. H. EL-Saeid**, and Akpan, I Akpan. (2003). Evaluation of the most current and effective methods in the analysis of chlorinated Dioxins in ground beef. *The Scientific WorldJORNAL* (3) 913-921.

El-Saeid, M.H. (2003) RAPID MSE AND HPLC METHOD OF BENZO(a)PYRENE IN FISH. *106th annual meeting of Texas Academy of Science, February 27- March 1, 2003, Stephen F. Austin State University, Nacogdoches, Texas, USA*

El-Saeid, M.H. and Saleh, M.A., (2003). MULTIRESIDUES EXTRACTION AND DETERMINATION OF PESTICIDES IN HONEY BEES. *Submitted to CETAC 2003 on May 25, 2003, as a Poster*

El-Saeid M.H., Ijeoma Kanu, Ebere C. Anyanwu, and Mahmoud A. Saleh (2005). Impacts of extraction methods in the rapid determination of atrazine residues in foods using supercritical fluid chromatography and enzyme linked immunosorbent assay: microwave solvent vs. supercritical fluid extractions. *The Scientific World J.* (5)11-19. USA..

El-Saeid, M.H. and Sapp, J. (2006) ACRYLAMIDE IN CARBOHYDRATE-RICH FOODS. *109th annual meeting of Texas Academy of Science, March 2-4, 2006 Lamar University, Beaumont, Texas, USA*

EL-Saeid, M.H. (2006) Microwave Solvent Extraction (MSE) and HPLC as a Rapid Determination Methods of Benzo(a)Pyrene in Fish. *College of food and Agric. Sci. Research Center Bulletins. Research # 143 P. 5-20.*

El-Badry, N.; Abu-EL-Fadl, M.; Shraf, A. and **EL-Saeid M.H.** (2006) PAHs Formation in Cooked Tilapia fish and Beef Fingers as Affected by Cooking Method and Some Food Additives. *J Agric Sci. Mansoura Univ.* 31 (8) 5179-5192.

EL-Saeid, M.H. (2007) Pesticide Residues in Riyadh Dates. *The 4th Symposium on Date Palm in KSA, King Faysal Univ., Al-Hassa, 5-8 May 2007 as Abstract.*

El-Saeid, M.H., Aldosary, S. and AL-Soliman, R. (2008) Determination of Pesticide Residues in Factories of Pesticides and their Effect on Male Rats. *Ass Univ. Bull.* 11 (2) Egypt. 1-20.



EL-Saied, M. H., A. M. Sharaf, M. M. Abul-Fadl, and N. EL-Badry (2008) Reduction of Acrylamide Formation in Fried Potato Strips by Different Treatments Prior to Frying. *World Journal of Dairy & Food sciences*, 3 (1) 17-24

EL-Saeid, M.H. (2009) Determination of Pesticide Residues in the Air Around the Pesticide Factory's. *112th annual meeting of Texas Academy of Science, March 5-7, 2009 Texas Tech. University, Junction ,Texas, USA*

El-Saeid, M.H. (2009). Assessment of Pesticide Residues in Honey collected from Cairo, Egypt. Submitted to 6th International Arab Apicultural Conference, *Abha, Saudi Arabia, March 17-19, 2009, as Oral presentation*

El-Saeid, M.H., and Aldosary, S. (2010) Monitoring of pesticide residues in Riyadh dates by SFE, MSE, SFC, and GC techniques. *Arabian Journal of Chemistry* (2010) 3, 179–186. (ISI)

EL-Saeid, M.H. and Haseeb Khan (2010) Analysis of pesticides in food samples by Supercritical Fluid Chromatography. *Handbook of Pesticides: Chapter 5*, pp 93-113, *Taylor & Frances Group. CRC press. USA.*

El-Saeid, M.H., (2010) Levels of Class 2A and 2B Polynuclear Hydrocarbons in Different Barbecued Meat by Microwave Assisted Extraction Coupled with Gas Chromatography/Mass Spectrometry. *American Eurasian J. Agric & Environ. Sci*, 8 (3)305-312, 2010. (ISI)

El-Saeid, M.H., (2010) Monitoring of Pesticide Residues in Riyadh Cultured Farm Fish. *World Applied Sciences J.*, 9 (9) 1075-1080. (ISI)

EL-Saied, M. H., M. M. Abul-Fadl, and N. EL-Badry (2010) Effect of Roasting Conditions on the Acrylamide Formation and Polyphenols Content in Arabica Coffee Beans. *Journal Biological. Chemistry& Environmental. Sciences., 2010, Vol. 5(3): 331-345.* (ISI)

El-Saeid, M.H., M. I. Al-Wabel, G. Abdel-Nasser, A. M. Al-Turki (2010) Evaluation of Pesticide Residues in Saudi Arabia Ground water. *Research J. of Environmental Sciences*, 5 (2) 171-178, 2011, USA. (ISI)

Al-Wabel, M. I., **El-Saeid, M.H.,** A. M. Al-Turki and G. Abdel-Nasser, (2010) MONITORING OF PESTICIDE RESIDUES IN SAUDI ARABIA AGRICULTURAL SOILS *Research Journal of Environmental Sciences*, 5(3) 269-278, 2011 (ISI)

El-Saeid, M.H., M. I. Al-Wabel, G. Abdel-Nasser, A. M. Al-Turki and Alghamdy A. (2010) ONE-STEP EXTRACTION OF MULTIRESIDUE PESTICIDES IN SOIL BY MICROWAVE-ASSISTED EXTRACTION TECHNIQUE (MAE) *J. Applied Sci.*, 10(16):1775-1780, 2010. (ISI)



- Al-Wabel M. I., G. Abdel-Nasser, A. M. Al-Turki and **El-Saeid, M.H.**, (2010) Behavior of Atrazine and Malathion Pesticides in Soil: Sorption and Degradation Processes *J. Applied Sci.*, **10**(16): 17401747, 2010. ([ISI](#))
- Abdel-Nasser G., A. M. Al-Turki, M. I. Al-Wabel, and **El-Saeid, M.H.** (2011) Behavior of Atrazine and Malathion Pesticides in Soil: Simulation of Transport Process using Numerical and Analytical Models. *Research Journal of Environmental Sciences*, **5**(3): 221`-235, 2011([ISI](#))
- Selim M.T.; **M.H. EL-Saeid**; and I.M. Al-Dossari (2011) Multi-residues Analysis of Pesticides Using Gas Chromatography Mass Spectrometry: I- Leafy Vegetables. *Research J. of Environmental Sciences*, **5** (3) 248-258, 2011, USA ([ISI](#))
- El-Saeid, M.H.**, (2011) Antifungal Activity of Natural Piperitone as Fungicide on Root Rot Fungi. *AmericanEurasian J. Agric. & Environ. Sci.*, **11** (2): 149-153, 2011 ([ISI](#))
- EL-Saeid, M.H.** and Selim M.T. (2012) Multi-residues Analysis of 86 Pesticides Using Gas Chromatography Mass Spectrometry: II- Non Leafy Vegetables. *J. of Chemistry V. 2013*, ID727149, 10 p. 2013 ([ISI](#)).
- Al-Farraj, A. S ; Al-Wabel, M. I; **EL-Saeid, M.H.**; El-Naggar, A. H and., Zaheer Ahmed (2013) Evaluation of groundwater for arsenic contamination using hydrogeochemical properties and multivariate statistical methods in Saudi Arabia *J. of Chemistry V. 2013*, ID812365, 9 p. 2013 ([ISI](#)).
- EL-Saeid, M.H.**, Al-Wabel, M. I; Al-Farraj, A. S ; El-Naggar, A. H and., Zaheer Ahmed (2013) Monitoring of organic contaminants in Soil by MAE and EIGC-MS. *Research J. of Chemistry and Environment V. 17*, (1) 27-33, 2013 ([ISI](#)).
- El-Saeid, M.H.**, Al-Wabel, M.I., Al-Farraj, A.S., and Zaheer Ahmed (2014). Organochlorine and organophosphorous pesticides identification in arid low organic carbon agricultural soils. *Research J. of Chemistry and Environment V. 17*, (000) 00-00, 2013, [Accepted](#) ([ISI](#)).
- EL-Saeid, M.H.** and Haseeb Khan (2015) Determination of pyrethroid insecticides in crude and canned vegetable samples by supercritical fluid chromatography. *International Journal of Food Properties*, **18**:1119–1127, 2015Taylor & Francis, USA ([ISI](#)).
- EL-Saeid, M.H.** Ali M. Al-Turki; Mahmoud E. Nadeem; Ashraf S. Hassanin and Mohamed I. Al-Wabel (2015) Photolysis degradation of polyaromatic hydrocarbons (PAHs) on surface sandy soil. *Environmental Science and Pollution Research*. DOI 10.1007/s11356-015-4082-x ([ISI](#)).
- EL-Saeid, M.H.** Mohamed T. Selim, Sherif B. Abdel Ghani (2015) Monitoring of pesticide residues in organic and conventional farmland soils using GC-MS. *Wulfenia J. Vol 22, No. 2;Feb*, 271-282, 2015 ([ISI](#)).
- EL-Saeid, M.H.** Ali M. Al-Turki; Mahmoud E. Nadeem; and Abid Hussain (2015) Dissemination patterns and risks impersonated of polycyclic aromatic hydrocarbons (PAHs) contaminated in the surface and subsurface soil. *Wulfenia J. Vol 22, No. 2;Feb* 284-291, 2015 ([ISI](#)).



- Mohammad Al-Wabel , **M. H. El-Saeid** , A. H. El-Naggar , F. A. Al-Romian³ , K. Osman ; K. Elnazi & A. S. Sallam. (2016) Spatial distribution of pesticide residues in the groundwater of a condensed agricultural area. *Arab J Geosci* (2016) 9:120. DOI 10.1007/s12517-015-2122-y (ISI).
- Munir Ahmad, **Mohamed H. El-Saeid**, Muhammad Abrar Akram, H. R. Ahmad, Haseeb Haroon & Abid Hussain (2016). Silicon fertilization – A tool to boost up drought tolerance in wheat (*Triticum aestivum* L.) crop for better yield. *JOURNAL OF PLANT NUTRITION* 2016, VOL. 39, NO. 9, 1283–1291 <http://dx.doi.org/10.1080/01904167.2015.1105262>. (ISI).
- EL-Saeid, M.H.** and Mohamed T. Selim (2016). Effect of Food Processing on Reduction of Pesticide Residues in Vegetables. *Journal of Applied Life Sciences International* 8(1): 1-6, 2016; Article no.JALSI.26801
- El-Saeid, M H** ; Mohamed T. Selim and Saleh N. Al-Nadhari⁵ (2016). Multi-residue pesticides in conventional and organic orange. *Journal of Environ. Sci. Health International Journal of Biochemistry Research & Review* 13(3): 1-10, 2016, Article no.IJBCRR.26439
- EL-Saeid, M.H.** and Sapp. J. B. (2016) Distribution Ratios of polycyclic aromatic hydrocarbon (PAHs) in urban soils. *Journal of Applied Life Sciences International* 9(3): 1-10, 2016; Article no.JALSI.30051 ISSN: 2394-1103
- Mohammad I. Al-Wabel , Adel R. A. Usman , **Mohamed H. El-Saeid**, Ali M. Al-Turki, Ashraf S. Hassanin,, and Aarif H. El-Mubarak (2016). Levels, Sources, and Risk Assessment of Polychlorinated Biphenyls (PCBs) in Soils from Industrial Areas: A Case Study from Saudi Arabia. *POLYCYCLIC AROMATIC COMPOUNDS* <http://dx.doi.org/http://dx.doi.org/10.1080/10406638.2016.1224261>. (ISI).
- Mohammad I. Al-Wabel; **Mohamed H. El-Saeid**; Adel R. A. Usman; Ali M. Al-Turki; Mahtab Ahmad; Ahmed H. El-Naggar; Khaled K. H. Alenazi¹ (2016) Identification, Quantification, and Toxicity of PCDDs and PCDFs in Soils from Industrial Areas in the Central and Eastern Regions of Saudi Arabia (2016). *Bull Environ Contam Toxicol* (2016) 96:622–629 DOI 10.1007/s00128-016-1779-6 (ISI).
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