



Curriculum Vitae

- Name: Ahmad Sabry Abdellatif Morsy
- Title: Ass. Professor
- Department: Basic science
- E-mail: ahmad.sabrry@su.edu.eg

A) Academic Qualifications:

- Bachelor's Degree in: Science University: Al-Azhar University Year: 2005
- Master's Degree in : Analytical &Inorganic Chemistry. University: Al-Azhar University Year: 2012
- Ph.D. in Analytical &Inorganic Chemistry. University: Al-Azhar University Year:2016

- **Other Qualifications: ... Ass. Professor in nonorganic chemistry.**

B) Academic promotions:

- Demonstrator, Date:9/2007
- Assistant Lecturer, Date:9/2012
- Lecturer, Date:12/2016
- Assistant Professor, Date:8/2023



C) Scientific Merit:

- Google Scholar: <https://scholar.google.com/citations?user=kcHIOfEAAAAJ&hl=ar>
- Scopes ID: 36672423300
- Citations:220 h-index: 8 i10-index: 7
- Orcid –N : 0000-0002-2220-5192

D) Academic Administrative Experiences:

Work Experience

Date	From 8-2023 till now
Role	Ass. Professor
Major	General and Inorganic Chemistry (Practical and Theoretical courses)
Main activities	Teaching of General Chemistry, Faculty of Engineering.
Employer	Faculty of Engineering, Sinai University, North Sinai, Egypt.
Date	From 9-2016 to 7-2023
Role	Lecturer
Major	General and Inorganic Chemistry (Practical and Theoretical courses)
Main activities	Teaching of General Chemistry, Faculty of Engineering.
Employer	Faculty of Engineering, Sinai University, North Sinai, Egypt.
Date	From 8-2012 to 8 -2016
Role	Lecturer Assistant
Major	General and Inorganic Chemistry
Main activities and responsibilities	Teaching of General Chemistry(Practical and Theoretical courses)Faculty of Engineering and general and inorganic chemistry Faculty of Dentistry
Employer	Faculty of Engineering and Faculty Dentistry, Sinai University, North Sinai, Egypt.

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

Member in Egyptian syndicate of scientific Professions since 2005

Member in the Arab Society of Material Science (ASMS)since 2021

Member in the Egyptian Chemical Society since 2021

2: Training Courses/workshops:

Diploma

Analytical Biochemistry

Faculty of Science, Minufiya University, Shebin El Kom, Egypt

- Essential of integrated education

3: Conferences, Seminars and Workshops:

”, 6th International Conference on Chemical, Agricultural, Environmental and Biological Sciences (CAEBS-17) Dec. 7-8, 2017 Paris (France).

”International Egyptian Czech Conference on Nanotechnology Application (IECCNA 2017 PROGRAMME) Oct 10-11 Cairo Egypt. *Academia Journal of Agricultural Research* 6(5): 018-025, May 2018, DOI: [10.15413/ajar.2017.IECCNA.19](https://doi.org/10.15413/ajar.2017.IECCNA.19)

4: Teaching Scopes: Chemistry

5: Awards and Certificates of Appreciation:

- International of scientific research

F) Scientific Publications:

Last 10 year of published Scientific Papers : 21

-International journals:

1- **Ahmad S. Abu-Khadra**, AlaaEldin Mokhtar Abdel-Hady, Rabie S. Farag, “*Kinetics and mechanism of oxidation of N,N-bis(salicylaldehyde)1,2-diaminoethane)cobalt(II) by N-bromosuccinimide in aqueousacidic medium*” *Transition metal chemistry*, Volume 35, Issue 5, pp 571-576 (2010). <http://rd.springer.com/article/10.1007/s11243-010-9365-y>.

2- **Ahmad S. Abu-Khadra**, A E M Abdel-Hady, Rabie S. Farag, “*Inner-sphere Oxidation of Acetato- diaqua-(2-hydroxybenzy- lidene)- 5- phenylthiazol- 2- amino Cobalt (II) Complex by N-bromosuccinimide*” *Egy. J. Chem.*, 4, 14, (2012)

3- **Ahmad S. Abu-Khadra**, Rabie S. Farag, AlaaEldin Mokhtar Abdel-Hady, “*Synthesis, Characterization and antimicrobial activity of some novel sulfacetamide metal complexes*” *IOSR Journal of Applied Chemistry (IOSR-JAC)* ISSN: 2278-5736. Volume 8, Issue 12 Ver. I, PP 67-74(2015).

4- **Abu-Khadra, A.S.**, Farag, R.S. and Abdel-Hady, A.M. “*Synthesis, Characterization and Antimi-crobial Activity of Schiff Base (E)-N-(4-(2-Hydroxybenzylideneamino) Phenylsulfonyl) Acetamide Metal Complexes*”, *American Journal of Analytical Chemistry*, 7, 233-245(2016). <http://dx.doi.org/10.4236/ajac.2016.73020>

5- **Ahmad S. Abu Khadra**, Ahmed S. Afify et.al., “*Determination of the Level of Organophosphorous Pesticides in Tomato Using GC-MS/MS and the Concentration of Some Heavy Metals Using FAAS*”, 6th International Conference on Chemical, Agricultural, Environmental and Biological Sciences (CAEBS-17) Dec. 7-8, 2017 Paris (France).

6 - **Ahmad S. Abu-Khadra**, Ahmed S. Afify et.al. “*Determination of Cd, Cu, Pb, Fe and Zn contents in food commodities by using flame atomic absorption spectroscopy in Al-Rass governorate, Saudi Arabia.*” International Egyptian Czech Conference on Nanotechnology Application (IECCNA 2017 PROGRAMME) Oct 10-11 Cairo Egypt. Academia Journal of Agricultural Research 6(5): 018-025, May 2018. DOI: [10.15413/ajar.2017.IECCNA.19](https://doi.org/10.15413/ajar.2017.IECCNA.19)

7- **Ahmad S. Abu Khadra**, Ahmed S. Afify et.al., “*The sensing characteristics of ZnO tetrapods synthesized by microwave evaporation*” Journal of Communications software and systems 14(1) June 2018.

8- **Ahmad S. Abu-Khadra**, Ahmed S. Afify et.al. “*Preparation, Characterization and Antimicrobial Activity of Schiff Base of (E)-N-(4-(thiophen-2-ylmethyleneamino) phenylsulfonyl)acetamide Metal Complexes*” The Open Bioactive Compounds Journal, Volume (6) (1- 10) (2018). DOI: [10.274/1874847301806010001](https://doi.org/10.274/1874847301806010001)

9- **Ahmad S. Abu-Khadra**, Ahmed S. Afify et.al. “*Synthesis and Characterization of Nano-Tungsten Oxide Precipitated onto Natural Inorganic Clay for Humidity-Sensing Applications*” Ceramics 2018, 1, 10; doi: [10.3390/ceramics1010010](https://doi.org/10.3390/ceramics1010010)

10- **Ahmad S. Abu-Khadra**, A.M. Abdel-Ghany, M.S. Sadeq “*Influence of Fe cations on the structural and optical properties of alkali - alkaline borate glasses*” Journal of Non Crystalline Solids- 548 (2020) <https://doi.org/10.1016/j.jnoncrysol.2020.120320>

11- **Ahmad S. Abu-Khadra**, Ahmed H. Abdelazim, , Mohammed Shahin, “*Application of different chemometric assisted models for spectrophotometric quantitative analysis of velpatasvir and sofosbuvir*” Journal of Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 252 (2021) 119540, <https://doi.org/10.1016/j.saa.2021.119540>

12- **Ahmad S. Abu-Khadra**, A.M. Abdel-Ghany, Ashraf A. Abul-Magd, “*Influence of La₂O₃ on the structural, mechanical and optical features of cobalt doped heavy metal borate glasses*” Ceramics International, Volume 47, Issue 14, 15 July 2021, Pages 19886-19894., <https://doi.org/10.1016/j.ceramint.2021.03.326>

13- **Ahmad S. Abu-Khadra**, Ashraf M. Taha, A.M. Abdel-Ghany, Ashraf A. Abul-Magd, “*Effect of silver iodide (AgI) on structural and optical properties of cobalt doped lead-borate glasses*” Ceramics International, Volume 47, Issue 18, 15 September 2021, Pages 26271-26279., <https://doi.org/10.1016/j.ceramint.2021.06.036>

14- **Ahmad S. Abu-Khadra**, Hosam M. Gomaa, Ashraf A. Abul-Magd, I.S. Yahia ,H.Y. Zahran, “*Structural, and optical characterizations of Cu/Fe@Na₂B₄O₇ oxide glass: For shielding and optical applications*” Optik, - International Journal for Light and Electron Optics 261 (2022) 169170, <https://doi.org/10.1016/j.ijleo.2022.169170>

15- **Ahmad S. Abu-Khadra**, Ashraf A. Abul-Magd, , A.A.H. Basry, Sawsan M. Abu El Hassan , “*Interplay between structural modifications and optical/ luminescence*”

16- **Ahmad S. Abu-Khadra**, Hosam M. Gomaa, A.M. Abdel-Ghany, H. Algarni I.S. Yahia ,H.Y. Zahran, “ Changes in the structural and optical properties due to the incorporation of ZnO into cerium2cupric sodium borate glasses” J Mater Sci: Mater Electron 22 September (2022) <https://doi.org/10.1007/s10854-022-09110-y>

17- **Ahmad S. Abu-Khadra**, A. A. Abul-Magd, A. M. Taha, A.A.H. Basry, Influence of La³⁺ ions on the structural, optical and dielectric properties and ligand field parameters of Fe³⁺ hybrid borate glasses, Journal of Non-Crystalline Solids 599 (2023) 121981. <https://doi.org/10.1016/j.jnoncrysol.2022.121981>

18- **Ahmad S. Abu-Khadra** Hosam M. Gomaa, H. Algarni I.S. Yahia ,H.Y. Zahran, A.M. Abdel- Ghany, “ Effect of BaO doping on structural and optical properties of some cerium-coppersodium borate glasses” J Aust Ceram Soc 59, 343–353 (2023). <https://doi.org/10.1007/s41779-023-00859-x>

- National journals:

1- **Ahmad S. Abu-Khadra**, Ahmed S. Afify et.al., “A Survey on the effect of Environmental Variables on the Seasonal Distribution of Adult Mosquitoes (Diptera: Culicidae) in Al-Madinah Region, Saudi Arabia During 2011 and 2012”, Proceeding of the 9th Int. Environmental Conf., Faculty of Science, ZagazigUni.: 467–476 (2014).

2- **Ahmad S. Abu-Khadra**, Ahmed S. Afify et.al.”Survey on the Moisture and Ash Contents in Agricultural Commodities in Al-Rass Governorate, Saudi Arabia in 2017 “Assiut J. Agric. Sci., (48) No. (6) 2017)62-55(

3. **Ahmad S. Abu-Khadra**, Sawsan M. AbuElHassan, T.H.A. Hassan2, A.S. Afify, Eco-friendly method for controlling of land snails using chemically synthesized Ag nanoparticles in North Sinai, Egypt, SINAI Journal of Applied Sciences, Articles in Press, Accepted Manuscript, Available Online from 19 December 2022. [10.21608/SINJAS.2022.170694.1161](https://doi.org/10.21608/SINJAS.2022.170694.1161)

G) Quality Assurance in Higher Education:

- **QA Managing Positions: Coordinator of learning and education standard**
- **Training Attended:**
Inter active electronic courses

H) Skills

- Language Skills: * Arabic (Native)

*English (Very Good), Local TOEFL(550 marks) certified in March 2012, Ain Shams University.

- Computer Skills: Good command of Microsoft office and other application.