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|  **Curriculum Vitae**

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| D:\ملفات العمره\الصور المصغره\WhatsApp Image 2023-07-30 at 01.28.28.jpg | **Name:** Ghalia Asaad Gaber El Mewawy **Mailing Address:** El Zahraa, Naser City, Cairo**Work address:** Faculty of science – Al Azhar University, Youssef Abbas st. Naser City**Mobile Tel. No.:** 01068745513 - 01022559641**Current Position:** Associate Professor of Physical Chemistry, Faculty of Science (Girls), Al-Azhar University**E-Mail address:** ghaliaasaid@yahoo.com, ghaliaasaid@azhar.edu.eg**ORCID ID:** <https://orcid.org/0000-0002-2900-3809>[**Scopus Author ID:** 57215186835](http://www.scopus.com/inward/authorDetails.url?authorID=57215186835&partnerID=MN8TOARS)[**Researcher ID:** AAI-4639-2021](https://publons.com/researcher/AAI-4639-2021)**Scopus H index:** 11**Google scholar H index:** 12 |

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| **Academic Award*** B.Sc. of Chemistry, Faculty of Science, Al Azhar University with honor degree, May 2009
* M.Sc. Chemistry, Faculty of Science, Al Azhar University on “Corrosion protection of reinforced steel in concrete”, Nov. 2013
* Ph.D. Chemistry, Faculty of Science, Al Azhar University on “Study and evaluation of the inhibition effect of some compounds on the electrochemical behavior of copper alloys”, Dec. 2016
 |
| **Research Interests**- Corrosion behavior of metallic substrates - Corrosion Inhibitors- Electrode Materials - High-entropy Alloys - Corrosion and protection of biomaterials - Statistical ANOVA- Surface Coating Technology Silver Nanoparticles; Green Synthesis - Brasses; Nickel Copper Alloy; Copper Corrosion- [Electrocoagulation Process](https://www.scopus.com/record/display.uri?eid=2-s2.0-85199885460&origin=AuthorProfile) - Chemical Engineering and protection of reinforced steel in concrete |
| **Short Biography**1. Assoc. Professor of Physical Chemistry, Faculty of Science, Al Azhar University from Sep. 2022 still now
2. Lecturer at Physical Chemistry, Faculty of Science, Al Azhar University from April 2017-2022
3. Assistant lecture at Physical Chemistry, Faculty of Science, Al Azhar University from 2013-2017
4. Demonstrator at Physical Chemistry, Faculty of Science, Al Azhar University from 2012-2013
5. Researcher for Next Generation (SNG) in Central Metallurgical Research Development (CMRDI) (2010 – 2012).
6. Training program granted from Academy of Scientific Research and Technology (ASRT): (Nov 2010- April 2011)
 |
| **List of scholarships*** Supervision on Graduation Project from Academy of Scientific Research and Technology (ASRT): Smart Cotton Fabric Coated with Eco-Friendly Nanoparticles using Coconut Water.
* Master grant from Academy of Scientific Research and Technology (ASRT) through the Program of Scientists for Next Generation (SNG), Egypt. (Nov. 2010-July, 2013).
* Supervision on Master Thesisfrom Academy of Scientific Research and Technology (ASRT) through the Program of Scientists for Next Generation (SNG), Egypt. (13-11-2019).

**List of Publications** Fifty- six papers published in International Journals <https://scholar.google.com/citations?hl=ar&user=4ZXU5LMAAAAJ&view_op=list_works&sortby=pubdate> **Conferences**Attended 15 conferences inside Egypt**Published Books**1. Corrosion Protection of Reinforced Steel in Concrete Paperback – December 19, 2017 by **[Ghalia Gaber](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Ghalia+Gaber&text=Ghalia+Gaber&sort=relevancerank&search-alias=books)**, Scholars' Press (December 19, 2017).2. Inhibitors for corrosion protection: Studies and evaluation of inhibitors for the corrosion protection of metal and its alloys, by **[Ghalia Gaber](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Ghalia+Gaber&text=Ghalia+Gaber&sort=relevancerank&search-alias=books),**[Noha Abdalfattah](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Noha+Abdalfattah&text=Noha+Abdalfattah&sort=relevancerank&search-alias=books), [Seham Shahen](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_3?ie=UTF8&field-author=Seham+Shahen&text=Seham+Shahen&sort=relevancerank&search-alias=books), LAP LAMBERT Academic Publishing (2020-12-10 ) ISBN: 978-620-3-19624-5.3. **G. A. Gaber** and L. Z. Mohamed, ‘Advancements in Materials Used in Air Conditioning Technologies’, Air Conditioning Technologies and Applications. IntechOpen, Oct. 21, 2024. doi: 10.5772/intechopen.1006331.4. "Revolutionizing Corrosion Control through Metallic Organic Frameworks: Beyond Rust." accepted for publication in the ACS Books by [**Ghalia Gaber**](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Ghalia+Gaber&text=Ghalia+Gaber&sort=relevancerank&search-alias=books)**.****Synergistic Activities*** Member of Egyptian Society of Advanced Materials and Nanotechnology
* Member of Egyptian Society for Metal Corrosion and Protection
* Member of the Egyptian Society for Science and Engineering
* Member of the Shubra Bus Charitable Society
* Member of the Researchers and Academics Platform – IFAD
* Certified in Summit Development and Training )TOT)
* Member of the Entrepreneurship Club, Cairo University
* Member of the Coordinating Committee of the Office of Innovation Support,

 Technology Transfer and Commercialization (TICO Al-Azhar)* Member of the World Association of Al-Azhar Graduates
* Member of the Al-Azhar Ambassadors Project at the World Association of

 Al-Azhar Graduates* Member of OWSD-Egypt National Chapter
* Member of the Egyptian Chemical Society

Editorial BoardInternational Editorial Board in Bulletin of Chemical Reaction Engineering and Catalysis as representative from Egypt.  Reviewer of the following international journals* Bulletin of Chemical Reaction Engineering and Catalysis
* Bulletin of the National Research Centre
* Egyptian Journal of Chemistry
* Journal of Polymers and the Environment
* Materials Research Express
* Polymer Bulletin
* Surface Topography: Metrology and Properties
* Journal of Engineering and Applied Science (Cairo)
* Engineering research express
* Coordination chemistry reviews
* Journal of Basic Microbiology
* Journal of Physics D: Applied Physics
* Journal of Environmental Science and Health, Part B
* Journal of Physics D Applied Physics
* International Journal of Theoretical and Applied Research
* Journal of Applied Sciences and Nanotechnology
* Jurnal Kimia Sains dan Aplikasi
* Chemical data collections
* Journal of Bio- and Tribo-Corrosion
* Journal of Materials Engineering and Performance
* Discover chemistry
* Thin solid films
* Scientific Reports
* Physica scripta
* SN Applied Sciences
* United scientific group
* Journal of physics
* 3 biotech
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