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| **Curriculum Vitae**   |  |  | | --- | --- | | 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](mailto:ghaliaasaid@yahoo.com), [ghaliaasaid@azhar.edu.eg](mailto: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 | |
| **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=dp_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=dp_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=dp_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=dp_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=dp_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 Board International 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 |