

CURRICULUM VITAE

PERSONAL DATA

Name	Monira Galal Abdel Hamied Ghoniem
Nationality	Egyptian
Position	Assistant Professor
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EDUCATION

Year	Academic Degree	Institution
2008	PhD	Ain Shams University - Egypt
2004	MSc.	Helwan university - Egypt

WORK EXPERIENCE

Period	Position	Address
2013 till now	Assistant Professor	Imam Mohammed ibn Saud University
2009-2012	Assistant professor	King Saud university - Shaqra university

RESEARCH INTERESTS

Nanomaterials – Hydrometallurgy – Photocatalysis

PUBLICATIONS

Contributing author to "Fortified anti-proliferative activity of niclosamide for breast cancer treatment: In-vitro and in-vivo assessment. Life Sciences 316 (2023) 121379.

• Contributing author to "Efficient Pb(II) adsorption in aqueous solution by hierarchical 3D/2DF TiO₂/CNNS nanocomposite. Materials Science & Engineering B 289 (2023) 116191

Author of "Smart electrochemical sensor with enhanced sensitivity for the determination of antihypertensive drug felodipine", Measurement, Volume 211,2023,112647, ISSN 0263-2241,

• Contributing author to "Layer-by-layer development of chitosan/alginate-based plateletmimicking nanocapsules for augmenting doxorubicin cytotoxicity against breast cancer; International Journal of Biological Macromolecules 225 (2023) 503–517.

• Contributing author to "Dual-Enhanced Pluronic Nanoformulated Methotrexate-Based Treatment Approach for Breast Cancer: Development and Evaluation of In Vitro and In Vivo Efficiency; Pharmaceutics,2022;14.2668.

• Contributing author to "Efficient and Rapid Removal of Pb (II) and Cu (II) Heavy Metals from Aqueous Solutions by MgO Nanorods; Inorganics 2022, 10(12), 256.

• Contributing author to "Fabrication and adsorption studies of paste/TiO₂ nanocomposites through recycling of spent dry batteries; Journal of Materials Science: Materials in Electronics 33 (32), 24869-24883, 2022.

• Contributing author to "Enhanced adsorptive removal of Indigo carmine dye by Bismuth Oxide doped MgO based adsorbents from aqueous solution: equilibrium, kinetic and computational studies; RSC Advances,2022;12(38)24786.

• Contributing author to "In Search of Preferential Macrocyclic Hosts for Sulfur Mustard Sensing and Recognition: A Computational Investigation through the New Composite Method r2SCAN-3c of the Key Factors Influencing the Host-Guest Interactions; Nanomaterials ,2022, 12(15), 2517.

• Contributing author to "Highly Selective Removal of Cationic Dyes from Wastewater by MgO Nanorods; Nanomaterials ,2022;12(6)1023.

• Contributing author to "DFT-D4 insight into the inclusion of amphetamine and methamphetamine in cucurbituril: Energetic, structural and biosensing properties., molecules ,2021;(26)7479.

• Contributing author to "A dispersion corrected DFT investigation of the inclusion complexation of dexamethasone with β -cyclodextrin and molecular docking study of its potential activity against COVID-19., molecules ,2021;(26)7622.

• Contributing author to "Superior removal of dyes by mesoporous MgO/g-C₃N₄ fabricated through ultrasound method: Adsorption mechanism and process modeling, Environmental Research, 2022;(205).

• Contributing author to "Nanofibers of polycaprolactone containing hydroxyapatite doped with aluminum/vanadate ions for wound healing applications, New journal of chemistry,2021;(45) 22610-22620

• Contributing author to "Sensitive electrochemical strategy via the construction of functionalized carbon nanotubes/ionic liquid nanocomposite for the determination of the prices of anaesthetic drug cinchocaine, measurement 2021;185(3).

- Contributing author to "Exploration of Methylene Blue Degradation Over ZnO Nanorods Mechanism Using Scavenging Reagents ,Orient J Chem 2021;37(3).
 - Contributing author to "Impact of Sn Ions on Structural and Electrical Description of TiO₂ Nanoparticles,Zeitschrift für Naturforschung A 75 (7), 587-591, 2021.
 - Contributing author to "Sol-Gel assisted Microwave Derived Scalable synthesis of anatase Ag/TiO₂/GO nanohybrids towards Efficient Visible Light Phenol Degradation ,Catalysts 2017, 7, 133; doi:10.3390/catal7050133 www.mdpi.com/journal/catalysts.
 - Contributing author to "production of high purity alumina from solid wastes obtained from Aluminum factories.Waste management 2014 conference 12 - 14 May, Ancona, Italy.WIT Transactions on Ecology and The Environment, Vol 180, 2014 WIT Press www.witpress.com, ISSN 1743-3541 (on-line)
- Contributing author to "Studies on The Removal of U(VI) and Th(IV) from Nitrate Solutions Using (Egy-Sorb) Impregnated with Tributylphosphate. Arab Journal of Nucl. Sci. and Applic, 37(3),157(2005).
- Contributing author to "2.Removal of Co(II) from Nitric Acid Medium Using (Egy-Sorb) Impregnated with Cyanex-301/ Kerosene Solution. Arab Journal of Nucl. Sci. and Applic, 38(3),64(2006)
- Books
- Author of (alumina) a book published by (VDM) international academic publisher in Germany(2010).
- Contributing author to Chapter 12 - Tumor microenvironment-responsive nanovesicular drug delivery systems, in Applications of Nanovesicular Drug Delivery, A.K. Nayak, et al., Editors. 2022, Academic Press. p. 245-252