



كلية العلوم

حاصلة على شهادة الاعتماد من الهيئة القومية لضمان جودة التعليم في 2012/7/12م
وعلى شهادة الاعتماد طبقاً لمطالبات المواصفات الدولية ISO9001:2015/ISO21001:2018



جامعة سوهاج

CURRICULUM VITAE

NAME: Hany Mohamed Abd El-Lateef Ahmed

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hmahmed@kfu.edu.sa; hany_shubra@science.sohag.edu.eg

PERSONAL DATA:

- **Date of Birth:** 06/03/1982
- **Place of birth:** Egypt – Sohag
- **Nationality:** Egyptian
- **Marital Status:** Married
- **Mailing Address:** Chemistry Department-Faculty of Science –Sohag University, Sohag, 82524, Egypt.

ACADEMIC RECORDS:

- **Ph.D. in Physical Chemistry, 2013, Institute of petrochemical processes National Academy of Sciences**

Thesis entitled: Synthesis and study of corrosion inhibitors based on some vegetable oils for protection from CO₂ corrosion.

- **Master of Science in Physical Chemistry, 2009, Sohag University, Sohag, Egypt.**

Thesis entitled: Effect of alloying with indium on the electrochemical behavior of tin and corrosion inhibition of tin, indium, and their alloys in acidic solutions.

- **Bachelor of Science in Chemistry, 2003, Sohag University, Sohag, Egypt.**

PRESENT AND PREVIOUS POSITIONS:

- Demonstrator at Chemistry Department, Faculty of Science, Sohag University, Sohag, Egypt, 2004-2009.
- Assistant Lecturer at Chemistry Department, Faculty of Science, Sohag University, Sohag, Egypt, 2009-2013.
- Lecturer at Chemistry Department, Faculty of Science, Sohag University, Sohag, Egypt, 30/9/2013-30/09/2018.
- Assistant professor at Chemistry Department, Sohag University, Sohag, Egypt, 30/09/2018-31/10/2023
- Professor at Chemistry Department, Sohag University, Sohag, Egypt, 31/10/2023 -now

AWARDS AND RECOGNITION:

- Distinguished Faculty Member Award, Scientific Research Track (First Place) King Faisal University for the year 2022
- Obtained the Encouragement Sohag University Award for the academic year 2016-2017 in Basic Sciences (Chemistry).
- Selection of my Ph.D. thesis on the best thesis from the Institute of Petrochemical Processes - National Academy of Sciences for the academic year 2013.

PARTICIPATION IN CONFERENCES AND WORKSHOPS:

- 4th International Conference on Advanced Functional, From 16-17 November 2023, Roma, Italy, organized by Coalesce Research Group (Oral presentation).
- The second international conference for food security and environmental sustainability, 5-7 November 2023, organized by King Faisal university, (Poter presentation).
- The Fifth International Conference on Electrochemistry (ICE- V), from 16 to 13 February 2006. Luxor- Egypt, organized by South Valley University (as Organizing Committee).
- Fourth Saudi Science Conference- Al-Madinah Al- Munawwarah, K.S.A., Taibah University from March 21-24, 2010 (accepted poster article participation).



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- Fourth National Conference on Youth held, from 10-16 February 2010. Luxor- Egypt, organized by National Council for Youth.
- 11th International Chemistry Conference "Chemistry in Africa" Luxor, Egypt. 20-23 Nov. 2010 (as Organizing Committee).
- 1st International Chemistry and Chemical Engineering Conference, CCE2013, p. 202-204, Baku, Azerbaijan (oral presentation).
- EUROCORR conference 2012, 9 - 13 September 2012, Istanbul Turkey.
- NACE corrosion conference 2013, March 17-21, 2013 Orlando, Florida, USA (oral presentation).
- Workshop on "Proposal writing social sciences" organized by DAAD (The German Academic Exchange Service), 14 December 2013 at the premises of Sohag University.
- Workshop on "Ethics in Science organized by DAAD (The German Academic Exchange Service), 15 December 2013 at the premises of Sohag University.
- The 17th. International Conference on Petroleum Mineral Resources and Development 9-11 February 2014, Organized by Egyptian Petroleum Research Institute (EPRI) Cairo, Egypt (accepted poster article participation).
- Fifth International Chemistry Conference 26 – 29 April 2014, organized by King Khalid University and Saudi Chemical Society, Abha City, the Kingdom of Saudi Arabia (oral presentation).
- Workshop on "Student-Centered Learning" organized by Fifth International Chemistry Conference, 26 – 29 April 2014, Abha City, the Kingdom of Saudi Arabia.
- Workshop on Preparation of internal auditors to institutions of higher education (December 2014).
- 13th Ibn Sina International Conference on Pure and Applied Heterocyclic Chemistry, from 14 to 17 February 2015. Hurghada city- Egypt, organized by Sohag University (as Organizing Committee).
- 17th International Conference on Chemical and Process Engineering, 18- 19 June 2015, Dubai, UAE (accepted e-poster article participation).
- The 2nd international conference new horizons in basic and applied science" (ICNHBAS), from 1 to 6 August 2015. Hurghada city- Egypt, organized by The Faculty of Science at Al- Azhar University (accepted poster article participation).
- International Conference on Chemical Sciences & Applications, 6-9 Aug 2016, Alex. Egypt ICCSA 2016, organized by Natural Sciences Publishing (NSP) and Arab Academy for Science, Technology and Maritime Transports (accepted oral article participation).
- International Conference on Chemical Sciences & Applications, 6-9 Aug 2016, Alex. Egypt ICCSA 2016, organized by Natural Sciences Publishing (NSP) and Arab Academy for Science, Technology and Maritime Transports (as organizing committee).

SCIENTIFIC RANKING:

- <https://www.scopus.com/authid/detail.uri?authorId=28067546100>
- h-index Scopus =36
- Citations by Scopus = 4101
- Documents: 209

MEMBER OF REVIEWER BOARD:

Electrochimica Acta (Elsevier), Q1 & Corrosion science (Elsevier), Q1 & Journal of Electroanalytical chemistry(Elsevier), Q1 & Journal of molecular liquids (Elsevier), Q1& Surfaces and Interfaces (Elsevier), Q2 & Applied surface science(Elsevier), Q1 & Materials



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جامعة سوهاج

(MDPI), Q2 & Journal of Marine Science and Engineering (MDPI), Q2 & Coatings (MDPI), Q2 & Crystals (MDPI), Q2 & International Journal of Molecular Sciences (MDPI), Q1 & Metals (MDPI), Q2 & Applied Sciences (MDPI), Q3 & Microorganisms (MDPI), Q2 & Molecules (MDPI), Q2 & Polymers (MDPI), Q1.

LIST OF PUBLICATIONS:

أولاً: قائمة بالأبحاث المنشورة المستخلصة من رسالة الماجستير

- (1) Hydrogen evolution reaction on Sn, In, and Sn–In alloys in carboxylic acids, Hossnia S. Mohran, Abdel-Rahman El-Sayed, **Hany M. Abd El-Lateef**, *J. Solid State Electrochem* 13 (2009) 1147–1155.

IF = 2.747

Publisher: Springer

- (2) Anodic behavior of tin, indium, and tin–indium alloys in oxalic acid solution, Hossnia S. Mohran, Abdel-Rahman El-Sayed, **Hany M. Abd El-Lateef**, *J Solid State Electrochem* 13 (2009) 1279–1290.

IF = 2.747

Publisher: Springer

- (3) Potentiodynamic studies on anodic dissolution and passivation of tin, indium and tin–indium alloys in some fruit acids solutions, Abdel-Rahman El-Sayed, Hossnia S. Mohran, **Hany M. Abd El-Lateef**, *Corrosion Science* 51 (2009) 2675–2684.

IF = 7.205

Publisher: Elsevier

- (4) Corrosion inhibition of tin, indium and tin–indium alloys by adenine or adenosine in hydrochloric acid solution, Abdel-Rahman El-Sayed, Ali M. Shaker, **Hany M. Abd El-Lateef**, *Corrosion Science* 52 (2010) 72–81.

IF = 7.205

Publisher: Elsevier

- (5) The inhibition effect of 2,4,6-tris (2-pyridyl)-1,3,5-triazine on corrosion of tin, indium and tin–indium alloys in hydrochloric acid solution, Abdel-Rahman El-Sayed, Hossnia S. Mohran, **Hany M. Abd El-Lateef**, *Corrosion Science* 52 (2010) 1976–1984.

IF = 7.205

Publisher: Elsevier

- (6) Effect of some nitrogen-heterocyclic compounds on corrosion of tin, indium, and their alloys in HClO₄, Abdel-Rahman El-Sayed, Hossnia S. Mohran, **Hany M. Abd El-Lateef**, *Monatsh Chem*, 143 (2012) 51–64.

IF = 1.613

Publisher: Springer

ثانياً: قائمة بالأبحاث المنشورة المستخلصة من رسالة الدكتوراه

- (7) Inhibition of carbon steel corrosion in CO₂-saturated brine using some newly surfactants based on palm oil: Experimental and theoretical investigations, **Hany M. Abd El-Lateef**, V.M. Abbasov, L.I. Aliyeva, E.E. Qasimov, I. T. Ismayilov, *Materials Chemistry and Physics*, 142 (2013) 502–512.

IF = 4.778

Publisher: Elsevier

- (8) A study of the corrosion inhibition of mild steel C1018 in CO₂-saturated brine using some novel surfactants based on corn oil, V.M. Abbasov, **Hany M. Abd El-Lateef**, L. I. Aliyeva, E. E. Qasimov, I. T. Ismayilov, Mai M. Khalaf, *Egyptian Journal of Petroleum* 22 (2013) 451–470.

IF = 1.253

Publisher: Elsevier



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جامعة سوهاج

- (9) Efficient Complex Surfactants from the Type of Fatty Acids as Corrosion Inhibitors for Mild Steel C1018 in CO₂-Environments, Vagif M. Abbasov, **Hany M. Abd El-Lateef**, Leylufer I. Aliyeva, Ismayil T. Ismayilov, Elmar E. Qasimov, and Mamedova M. Narmin, *Journal of the Korean Chemical Society* 57 (2013) 25–34.

IF = 0.281

Publisher: KCS Publications

- (10) Application of Some Surfactants Based On Corn Oil as Corrosion Inhibitors for Carbon Steel in CO₂ Environments, **Hany M. Abd El-Lateef**, Vagif M. Abbasov, Leylufer I. Aliyeva, Ismayil T. Ismayilov, *NACE corrosion* 2013, Florida, USA, paper No. 2129, (2013) p.1-10.

IF = Conference paper

Publisher: NACE International

- (11) Inhibition effects of some novel surfactants based on corn oil and diethanolamine on mild steel corrosion in chloride solutions saturated with CO₂, I. T. Ismayilov, **Hany M. Abd El-Lateef**, V. M. Abbasov, L. I. Aliyeva, E. E. Qasimov, E. N. Efremenko, T. A. Ismayilov, S. A. Mamedxanova, *Int. J. Thin Film Sci. Tec.* 2 (2013) 9-21.

IF = 0.938

Publisher: Nature Science

- (12) Novel Synthesized Surfactants Based on Palm Oil and Monoethanolamide as Corrosion Inhibitors for Mild Steel in CO₂ Environments, I. T. Ismayilov, **Hany M. Abd El-Lateef**, V. M. Abbasov, E. N. Efremenko, L. I. Aliyeva, S. F. Akhmadbeyova, *American Journal of Chemistry*, 4(5) (2014) 155-165.

IF = 1.2

Publisher: Scientific & Academic Publishing

- (13) Novel naphthenate surfactants based on petroleum acids and nitrogenous bases as corrosion inhibitors for C1018-type mild steel in CO₂ -saturated brine, **Hany M. Abd El-Lateef**, V. M. Abbasov, L.I. Aliyeva, Mai M. Khalaf, *Egyptian Journal of Petroleum* 24 (2015) 175–182.

IF = 1.253

Publisher: Elsevier

الأبحاث المنشورة بعد الحصول على درجة الدكتوراه:

أولاً: الأبحاث الأساسية التي قدمت في الحصول على درجة أستاذ مساعد

- (14) Experimental and computational investigation on the corrosion inhibition characteristics of mild steel by some novel synthesized imines in hydrochloric acid solutions, **Hany M. Abd El-Lateef**, *Corrosion Science*, 92 (2015) 104-117.

IF = 7.720

Publisher: Elsevier

- (15) Corrosion resistance of ZrO₂–TiO₂ nanocomposite multilayer thin films coated on carbon steel in hydrochloric acid solution, **Hany M. Abd El-Lateef**, Mai M. Khalaf, *Materials Characterization* 108 (2015) 29–41.

IF = 4.342

Publisher: Elsevier

- (16) Investigation of adsorption and inhibition effects of some novel anil compounds towards mild steel in H₂SO₄ solution: Electrochemical and theoretical quantum studies, **Hany M. Abd El-Lateef**, Ahmed M. Abu-Dief, Bahaa El-Dien M. El-Gendy, *J Electroanal Chem* 758 (2015) 135–147.

IF = 4.464

Publisher: Elsevier

- (17) Synthesis and evaluation of novel series of Schiff base cationic surfactants as corrosion Inhibitors for Carbon Steel in Acidic/Chloride Media: experimental and theoretical investigations, **Hany M Abd El-Lateef**, Ahmed H. Tantawy, *RSC Advances*, 6 (2016) 8681-8700.

IF = 3.245

Publisher: Royal Society of Chemistry

- (18) Corrosion protection of mild steel by coating with TiO₂ thin films co-doped with NiO and ZrO₂ in acidic chloride environments, Mai M. Khalaf, **Hany M. Abd El-Lateef**, *Materials Chemistry and Physics*, 177 (2016) 250- 265.



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حاصلة على شهادة الاعتماد من الهيئة القومية لضمان جودة التعليم في 2012/7/12م
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جامعة سوهاج

IF = 4.094

Publisher: Elsevier

(19) Empirical and quantum chemical studies on the corrosion inhibition performance of some novel synthesized cationic gemini surfactants on carbon steel pipelines in acid pickling processes, Hany M. Abd El-Lateef, Mohamed A. Abo-Riya, Ahmed H. Tantawy, *Corrosion Science*, 108 (2016) 94–110.

IF = 7.720

Publisher: Elsevier

(20) Novel synthesized Schiff Base-based cationic gemini surfactants: Electrochemical investigation, theoretical modeling and applicability as biodegradable inhibitors for mild steel against acidic corrosion, Hany M. Abd El-Lateef, Kamal A. Soliman, Ahmed H. Tantawy, *Journal of Molecular Liquids*, 232 (2017) 478–498.

IF = 6.633

Publisher: Elsevier

(21) Synthesis of polar unique 3d metal-imine complexes of salicylidene anthranilate sodium salt. Homogeneous catalytic and corrosion inhibition performance, Hany M. Abd El-Lateef, Mohamed Shaker S. Adam, Mai M. Khalaf, *Journal of the Taiwan Institute of Chemical Engineers*, 88C (2018) 286–304.

IF = 5.477

Publisher: Elsevier

ثانياً: الأبحاث التي قدمت كنشاط علمي في الحصول على درجة أستاذ مساعد

(22) Effect of Minor Nickel Alloying with Zinc on the Electrochemical and Corrosion Behavior of Zinc in Alkaline Solution, Abdel-Rahman El-Sayed, Hossnia S. Mohran and Hany M. Abd El-Lateef, *J. of Power Sources* 195 (2010) 6924–6936.

IF = 9.794

Publisher: Elsevier

(23) Inhibitive action of ferricyanide complex anion on both corrosion and passivation of zinc and zinc–nickel alloy in the alkaline solution, Abdel-Rahman El-Sayed, Hossnia S. Mohran, Hany M. Abd El-Lateef, *J. of Power Sources* 196 (2011) 6573–6582.

IF = 9.794

Publisher: Elsevier

(24) Corrosion Study of Zinc, Nickel, and Zinc- Nickel Alloys in Alkaline Solutions by Tafel Plot and Impedance Techniques, Abdel-Rahman El-Sayed, Hossnia S. Mohran, Hany M. Abd El-Lateef, *Metallurgical and Materials Transactions A*, 43 (2012) 616–632.

IF = 2.726

Publisher: Springer

(25) Effect of nickel content on the anodic dissolution and passivation of zinc–nickel alloys in alkaline solutions by potentiodynamic and potentiostatic techniques, Abdel-Rahman El-Sayed, Hany M Abd El-Lateef, Hossnia S Mohran, *Bull. Mater. Sci.*, 38 (2015) 1–13.

IF = 1.878

Publisher: Springer

(26) Novel Schiff base amino acid as corrosion inhibitors for carbon steel in CO₂-saturated 3.5% NaCl solution: an experimental and computational study, Hany M Abd El-Lateef, Mohamed Ismael, Ibrahim Mohamed, *Corrosion Reviews*, 33 (2015) 77–97.

IF = 3.690

Publisher: DE GRUYTER

(27) Effect of indium alloying with lead together with the addition of phosphoric acid in electrolyte to improve lead-acid battery performance, Abdel-Rahman El-Sayed, Hossnia S Mohran, Hany M Abd El-Lateef, Hoda Abdel Shafy Shilkamy, *Journal of Solid State Electrochemistry* 19 (2015) 1463–1478.

IF = 2.647

Publisher: Springer

(28) Electrochemical and theoretical quantum approaches on the inhibition of C1018 carbon steel corrosion in acidic medium containing chloride using some newly synthesized phenolic Schiff bases compounds, Hany M Abd El-Lateef, Ahmed M. Abu-Dief, L. H. Abdel-



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حاصلة على شهادة الاعتماد من الهيئة القومية لضمان جودة التعليم في 2012/7/12م
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جامعة سوهاج

Rahman, Eva Carolina Sañudo, Núria Aliaga-Alcalde, *Journal of Electroanalytical Chemistry* 743 (2015) 120–133.

IF = 4.598

Publisher: Elsevier

(29) Role of Ni content in the improvement of corrosion resistance of Zn–Ni alloy in 3.5% NaCl solution. Part I: Polarization and impedance studies, Hany M Abd El-Lateef, Abdel-Rahman El-Sayed, Hossnia S Mohran, *Trans. Nonferrous Met. Soc. China* 25(2015) 2807–2816.

IF = 3.752

Publisher: Elsevier

(30) Role of nickel alloying on anodic dissolution behavior of zinc in 3.5% NaCl solution. Part II: Potentiodynamic, potentiostatic and galvanostatic studies, Hany M Abd El-Lateef, Abdel-Rahman El-Sayed, Hossnia S Mohran, *Trans. Nonferrous Met. Soc. China* 25 (2015) 3152–3164.

IF = 3.752

Publisher: Elsevier

(31) Empirical and Theoretical Calculations for Corrosion Inhibition of Carbon Steel C1018 in Acidic Solutions Using Some Selected Fatty Acid Surfactants, Hany M. Abd El-Lateef, Mohamed Ismael, Ahmed H Tantawy, *Zeitschrift für Physikalische Chemie*, 230 (2016) 1111–1138.

IF = 4.315

Publisher: DE GRUYTER

(32) Divinyl Sulfone Cross-Linked β -Cyclodextrin Polymer as New and Effective Corrosion Inhibitor for Zn Anode in 3.5 M KOH, Hany M. Abd El-Lateef, Mahmoud Abd El Aleem Ali Ali, *Transactions of the Indian Institute of Metals*, 69 (9) (2016) 1783–1792.

IF = 1.499

Publisher: Springer

(33) Synergistic effect of polyethylene glycols and rare earth Ce^{4+} on the corrosion inhibition of carbon steel in sulfuric acid solution: electrochemical, computational, and surface morphology studies, Hany M. Abd El-Lateef, *Research on Chemical Intermediates* 42 (2016) 3219–3240.

IF = 2.914

Publisher: Springer

(34) Novel Quaternary Ammonium-Based Cationic Surfactants: Synthesis, Surface Activity and Evaluation as Corrosion Inhibitors for C1018 Carbon Steel in Acidic Chloride Solution, Hany M. Abd El-Lateef, Ahmed H. Tantawy, Antar A. Abdelhamid, *J Surfact Deterg*, 20 (2017) 735–753

IF = 1.972

Publisher: Wiley

(35) Corrosion inhibition of carbon steel pipelines by some novel Schiff base compounds during acidizing treatment of oil wells studied by electrochemical and quantum chemical methods, Hany M. Abd El-Lateef, Ahmed M. Abu-Dief, Mounir A.A. Mohamed, *Journal of Molecular Structure* 1130 (2017) 522-542.

IF = 3.841

Publisher: Elsevier

(36) Magnetic and DC electric properties of sol–gel-synthesized Ce-doped $BiFeO_3$ nanoflakes, E. M. M. Ibrahim, G. Farghal, Mai M. Khalaf, Hany M. Abd El-Lateef, *Appl. Phys. A* 123 (2017) 533.

IF = 2.983

Publisher: Springer

(37) Impact of porosity and thickness of nano- TiO_2 films on the corrosion protection performance of C-steel in H_2SO_4 , Mai M. Khalaf, Hany M. Abd El-Lateef, *International Journal of Applied Ceramic Technology*, 14 (2) (2017) 145-161.

IF = 1.968

Publisher: Wiley

(38) Effect of Calcination Temperature on Magnetic and Electrical Properties of $BiFeO_3$ Nanoparticles Prepared By Sol-Gel Method, E. M. M. Ibrahim, G. Farghal, Mai M. Khalaf, Hany M. Abd El-Lateef, *J. Nano. Adv. Mat.* 5 (2017) 33-39.



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جامعة سوهاج

IF = 0.381

Publisher: Nature Science

- (39) New Polymer Syntheses part 60: A Facile Synthetic Route to Polyamides Based on Thieno[2,3-b]thiophene and Their Corrosion Inhibition Behaviour, K. I. Aly, A. H. Moustafa, E. K. Ahmed, Hany M. Abd El-Lateef, M. M. Gamal, S. M. Mohamed, Chinese Journal of Polymer Science, 36, (2018) 835–847.

IF = 3.603

Publisher: Springer

- (40) Optical and Photocatalytic Measurements of Co-TiO₂ Nanoparticle Thin Films, Mai M. Khalaf, Hany M. Abd El-Lateef, H. M. Ali, Plasmonics 13, (2018) 1795–1802

IF = 2.726

Publisher: Springer

- (41) Anionic oxide vanadium Schiff base amino acid complexes as potent inhibitors and as effective catalysts for sulfides oxidation: Experimental studies complemented with quantum chemical calculations, Mohamed Shaker S. Adam, Hany M. Abd El-Lateef, Kamal A. Soliman, Journal of Molecular Liquids, 250 (2018) 307–322.

IF = 6.633

Publisher: Elsevier

- (42) Fine-template synthetic process of mesoporous TiO₂ using ionic/nonionic surfactants as potential remediation of Pb(II) from contaminated soil, Mai M. Khalaf, Naglaa Y. Abdallah, Hany M. Abd El-Lateef, International Journal of Environmental Science and Technology 16, (2019) 1933–1944.

IF = 3.519

Publisher: Springer

ثالثاً: الأبحاث الأساسية التي قدمت في الحصول على درجة أستاذ

- (43) Corrosion inhibition characteristics of a novel salicylidene isatin hydrazine sodium sulfonate on carbon steel in HCl and a synergistic nickel ions additive: A combined experimental and theoretical perspective, Hany M. Abd El-Lateef, Applied Surface Science 501 (2020) 144237. **(Corresponding Author)**

IF = 7.392

Publisher: Elsevier

- (44) Physicochemical and electrochemical investigations of an electrodeposited CeNi₂@NiO nanomaterial as a novel anode electrocatalyst material for urea oxidation in alkaline media, Hany M. Abd El-Lateef, Norah F. Almulhim a, Ibrahim M.A. Mohamed, Journal of Molecular Liquids 297 (2020) 111737. **(Corresponding Author)**

IF = 6.633

Publisher: Elsevier

- (45) Novel synthesized cationic surfactants based on natural piper nigrum as sustainable-green inhibitors for steel pipeline corrosion in CO₂-3.5% NaCl: DFT, Monte Carlo simulations and experimental approaches, Ahmed H. Tantawy, Kamal A. Soliman, Hany M. Abd El-Lateef, Journal of Cleaner Production 250 (2020) 119510. **(Corresponding Author)**

IF = 11.072

Publisher: Elsevier

- (46) Corrosion inhibition and adsorption features of novel bioactive cationic surfactants bearing benzenesulphonamide on C1018-steel under sweet conditions: Combined modeling and experimental approaches, Ahmed H. Tantawy, K. Shalabi, Hany M. Abd El-Lateef, Journal of Molecular Liquids 320 (2020) 114564. **(Corresponding Author)**

IF = 6.633

Publisher: Elsevier

- (47) Synthesis and theoretical studies of novel conjugated polyazomethines and their application as efficient inhibitors for C1018 steel pickling corrosion behavior, Hany M. Abd El-Lateef, Abdelwahed R. Sayed, K. Shalabi, Surfaces and Interfaces 23 (2021) 101037. **(Corresponding Author)**

IF = 6.137

Publisher: Elsevier



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- (48) Synthesis, experimental, and computational studies of water-soluble anthranilic organoselenium compounds as safe corrosion inhibitors for J55 pipeline steel in acidic oilfield formation water, **Hany M. Abd El-Lateef**, Saad Shaaban, Mai M. Khalaf, Arafat Toghan, Kamal Shalabi, Colloids and Surfaces A: Physicochemical and Engineering Aspects 625 (2021) 126894. **(Corresponding Author)**
IF = 5.518 Publisher: Elsevier
- (49) Superhydrophobic films-based nonanyl carboxy methylcellulose grafted polyacrylamide for AISI-stainless steel corrosion protection: Empirical explorations and computational models, **Hany M. Abd El-Lateef**, M. Gouda, K. Shalabi, Mohammed A. Al-Omair, Mai M. Khalaf, Journal of Molecular Liquids 356 (2022) 119063. **(Corresponding Author)**
IF = 6.633 Publisher: Elsevier
- (50) Facile synthesis of Co/Ni bimetallic phosphate as electrode material for urea fuel cells: Effect of synthetic strategy on the physicochemical and electrocatalytic behavior, **Hany M. Abd El-Lateef**, Mai M. Khalaf, Ahmed O. Alnajjar, Ibrahim M.A. Mohamed, Fuel 112 (2023) 398–422. **(Corresponding Author)**
IF = 8.035 Publisher: Elsevier
- رابعاً: الأبحاث المقدمة كنشاط علمي اثناء وبعد الحصول على درجة أستاذ
- (51) Sulfonated salicylidene thiadiazole complexes with Co (II) and Ni (II) ions as sustainable corrosion inhibitors and catalysts for cross-coupling reaction, **Hany M. Abd El-Lateef**, Abdelwahed R. Sayed, Mohamed Shaker S. Adam, Applied Organometallic Chemistry, Volume 33, Issue 8, (2019) e4987.
IF = 4.072 Publisher: Wiley
- (52) Electrochemical Methods for Fabrication of Polymers/Calcium Phosphates Nanocomposites as Hard Tissue Implants, Ahmed Touny, Mohamed M. Saleh, **Hany M. Abd El-Lateef**, Mahmoud M. Saleh, Applied Physics Reviews 6 (2019) 021303.
IF = 20.560 Publisher: AIP Publishing
- (53) Magnetic Fe₃O₄ nanocubes coated by SiO₂ and TiO₂ layers as nanocomposites for Cr (VI) up taking from wastewater, Mai M. Khalaf, Kawther Al-Amera, **Hany M. Abd El-Lateef**, Ceramics International 45 (2019) 23548–23560
IF = 5.532 Publisher: Elsevier
- (54) Novel dispersed Ti₂O₃-SiO₂/polyaniline nanocomposites: in-sit polymerization, characterization and enforcement as a corrosion protective layer for carbon-steel in acidic chloride medium, **Hany M. Abd El-Lateef**, Mai M. Khalaf, Colloids and Surfaces A 573 (2019) 95–111.
IF = 5.518 Publisher: Elsevier
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5. Ultra-density nanostructure GDFE thin film with large perpendicular magnetic anisotropy for a new generation of spintronic device, USA patent, Allowed, 2023, Mai Mostafa Khalaf Ali, **Hany Mohamed Ab El-Lateef Ahmed**, Mohamed Salaheldeen, Ahmed M. Abu-Dief, **Patent No.: US 11,804,322 B1, Date of Patent: Oct. 31, 2023.**
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7. Sand fixing agent, USA patent, Allowed, 2023, Mohamed Gouda Abdel-Halim, **Hany Mohamed Abd El-Lateef Ahmed**, Mai Mustafa Khalaf Ali, **Patent No.: US 11,807,793 B1, Date of Patent: Nov. 7, 2023.**
8. COVID-19 binding aerosols, USA patent, Allowed, 2023, **Hany Mohamed Abd El-Lateef Ahmed**, Saadeldin Elsayed Ibrahim Shabaan, Jihad Wadai Saleh Alessa, **Patent No.: US 11,813,287 B1, Date of Patent: Nov. 14, 2023.**



كلية العلوم

حاصلة على شهادة الاعتماد من الهيئة القومية لضمان جودة التعليم في 2012/7/12م
وعلى شهادة الاعتماد طبقا لمطالبات المواصفات الدولية ISO9001:2015/ISO21001:2018



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9. Charge transportation in nanostructured functional selenium-containing liquid crystalline materials, USA patent, Allowed, 2023, Saadeldin Elsayed Ibrahim Shabaan, **Hany Mohamed Abd El-Lateef Ahmed**, Mohamed Alaasar, **Patent No.: US 11,814,346 B1, Date of Patent: Nov. 14, 2023.**
10. Ce and Zn-deoped NiFe_2O_4 catalysts for urea fuel cells, USA patent, Allowed, 2023, Ahmed Omer Alnajjar, **Hany Mohamed Abd El-Lateef Ahmed**, **Patent No.: US 11,827,529 B1, Date of Patent: Nov. 28, 2023.**
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الأنشطة والدورات الحاصل عليها :

أولاً: الدورات التدريبية التي تم حضورها واجتيازها

م	اسم الدورة التدريبية	مكان انعقادها	التاريخ	نوع المشاركة
1	اعداد وتصميم الاختبارات الالكترونية	مركز تنمية قدرات أعضاء هيئة التدريس والقيادات بجامعة المنصورة	23-22 سبتمبر 2021	متدرب
2	تصميم وإنتاج المقررات الالكترونية	مركز تنمية قدرات أعضاء هيئة التدريس والقيادات بجامعة المنصورة	30-29 مارس 2022	متدرب
3	النشر العلمي	مركز تنمية قدرات أعضاء هيئة التدريس والقيادات بجامعة المنصورة	13-12 أبريل 2022	متدرب
4	مكافحة الفساد والتعريف به	مركز تنمية قدرات أعضاء هيئة التدريس والقيادات بجامعة سوهاج	25-24 نوفمبر 2021	متدرب



كلية العلوم

حاصلة على شهادة الاعتماد من الهيئة القومية لضمان جودة التعليم في 2012/7/12م
وعلى شهادة الاعتماد طبقا لمطلبات المواصفات الدولية ISO9001:2015/ISO21001:2018



جامعة سوهاج

متدرب	19-17 أكتوبر 2021	وحده الجودة بجامعة سوهاج	معايير اعتماد برنامج تعليمي	5
متدرب	يوليو 2022	مركز التدريب على نظم وتكنولوجيا المعلومات والاتصالات ICTP جامعة سوهاج	التحول الرقمي المتقدم Search Web	6
متدرب	يوليو 2022	مركز التدريب على نظم وتكنولوجيا المعلومات والاتصالات ICTP جامعة سوهاج	التحول الرقمي المتقدم Mobile Applications	7

ثانيا: الإشراف على الرسائل العلمية: جاري الإشراف العلمي لرسالة ماجستير ورسالة دكتوراه تم قيدهم كما يلي:

م	أسم الباحث	نوع الرسالة	الجامعة	منح الرسالة
1	جهاد السيد فرغل أحمد	ماجستير	سوهاج	تم المنح
2	منصور صادق ابراهيم	ماجستير	سوهاج	تم المنح
3	علاء الدين الفنجاري محمد	ماجستير	سوهاج	جاري العمل
4	وفاء محمود عبدالمنعم	ماجستير	أسوان	تم المنح
5	فاطمة بنت علي الحاجي	ماجستير	الملك فيصل	تم المنح
6	نوره فهد ملحم الملحم	ماجستير	الملك فيصل	تم المنح
7	مي أحمد المسعود	ماجستير	الملك فيصل	تم المنح
8	منال عبدالوهاب احمد الشعبي	ماجستير	الملك فيصل	جاري العمل
9	لطيفة محمد علي المعيلي	ماجستير	الملك فيصل	جاري العمل

تم نهاية السيره الذاتيه للسيد د. هاني محمد عبداللطيف أحمد