

CURRICULUM VITAE

PERSONAL DATA

Name	Mohamed Issa Ahmed Issa
Nationality	Egyptian
Position	Associate Professor of physical chemistry
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Phone	0508538813

EDUCATION

Year	Academic Degree	Institution
2011	Doctor of Philosophy in Science (physical Chemistry)	Benha University
2007	Master of Science (physical Chemistry)	Benha University
2001	Bachelor of Science (Chemistry)	Mansoura University

WORK EXPERIENCE

Period	Position	Address
2025 till now	Associate Professor	Imam Mohammad Ibn Saud Islamic University in KSA
2021-2025	Assistant Professor	Imam Mohammad Ibn Saud Islamic University in KSA

2014-2021	Assistant Professor	Shaqra University in KSA
2013 till now	Assistant Professor	Alexandria -KMA- faculty of engineering in Egypt
2012-2013	Assistant Professor	Teaching and training students and faculty members in Faculty of Engineering - Mansoura University and rehabilitation labs. for application ISO 17025 requirements (management & technical) in Egypt
2011-2012	Assistant Professor	Suez Canal- faculty of Petroleum and Mining engineering in Egypt
2002-2005 2007-2011	Cooperating Teaching Assistant	faculty of science – chemistry department in laboratories & corrosion research laboratory - metals and alloys (GAMRY & IMPEDANCE) in Egypt
2005-2007	lecturer	Authority of applied education in Kuwait
2001-2002	Demonstrator	Atomic Energy Authority in hot labs. Center for application of analytical chemistry in life and nuclear researches in Egypt

RESEARCH INTERESTS

Electrochemistry: Electrocatalysis, Electrodeposition, Corrosion, EIS Measurements, Fuel cells, Photo-electrochemistry, Surface science: Interfaces & Spectroscopy (IRAS, XPS), TPD, LEED and PEEM, Passivation, Cyclic Voltammetry, Energy, Catalysis Environmental and human health.

PUBLICATIONS

1- Corrosion inhibition of aluminum in 1 M H₃PO₄ solutions by ethanolamines

, Authors: A.S. Fouda, M. Abdallah, I.S. Ahmed and M. Eissa

Journal: Arabian Journal of Chemistry, 5, 297-307, (2012)

2- Corrosion inhibition of Aluminum in 1 M phosphoric acid solutions using some Chalcones derivatives and synergistic action with halide ions

, Authors: A.S. Fouda, M. Abdallah and M. Eissa

Journal: African Journal of pure and applied Chemistry, 7(12), 394-404, (2013)

3- The Inhibition of the C-Steel corrosion in hydrochloric acid solution using some phenolic compounds

, Authors: A.S. Fouda, M. Abdallah and M. Eissa

Journal: Int. J. Electrochem. Sci., 7(1), 282 - 304, (2012)

4- Corrosion inhibition of low Carbon Steel in 1 M HCl solution using Pulicaria Undulata plant extract

, Authors: A.S. Fouda, M. Eissa, G. Y. Elewady and W. T. El behairy

Journal: Int. J. Electrochem. Sci., 12(2017), 9212 – 9230 , doi: 10.20964/2017.10.83

5- Determination of some heavy metals in peganum harmala in hrempla governorate in Saudi Arabia

, Authors: M. Eissa, M. Saleh, S. EL Saleh and M. El Heseny

2nd international conference chemical , pharmaceutical sciences & applications. sharm el sheikh, EGYPT. (8-11/8/2017)

6- Ciprofloxacin as eco-friendly corrosion inhibitor for Carbon Steel in hydrochloric acid solution.

, Authors: A.S. Fouda, M. Eissa and A. El-Hossiany

Journal: Int. J. Electrochem. Sci., 13(2018), 11096 – 11112 , doi: 10.20964/2018.11.86

7- Pomegranate Aqueous Extract (PAE) as an Eco-Friendly Inhibitor for Carbon Steel Used in Sanitation Plants: Kinetics and Bacteria Effect.

, Authors: A.S. Fouda, M. Eissa and M. Fakih

Journal: Journal of Bio- and Tribo-Corrosion, 5(2019), doi.org/10.1007/s40735-018-0197-1

8- Adenium obesum Extract as a Safe Corrosion Inhibitor for C-Steel in NaCl Solutions: Investigation of Biological Effects.

, Authors: A.S. Fouda, M. Eissa

Journal: Journal of Bio- and Tribo-Corrosion, 6(2020),

doi.org/10.1007/s40735-020-00394-3

9- Electrochemical and quantum chemical studies on the Corrosion inhibition of 1037 carbon steel by different types of surfactants.

, Authors: Abd El-Aziz S. Fouda, Ameena M. Al-bonayan, Mohamed Eissa and Dalia M. Eid

Journal: RSC Adv., (2022) , 12, 3253

DOI: 10.1039/d1ra07983b

10- Aluminum corrosion prevention in 1.0 M HCl solution by cystosiera myrica extract: An experimental and biological study.

, Authors: A.S. Fouda, A.m. Wahba, M. Eissa

Journal: Journal of the Indian Chemical Society, 99(2022) 100619

DOI: doi.org/10.1016/j.jics.2022.100619

11- Aizoon extract as an eco-friendly corrosion inhibitor for stainless steel 430 in HCl solution.

**, Authors: Abd El-Aziz S. Fouda, Ameena M. Al-Bonayan, Ahmed F. Molouk
and M. Eissa**

Journal: RSC Adv., 2022, 12, 30906–30920

DOI: [10.1039/d2ra05795f](https://doi.org/10.1039/d2ra05795f)

12- Physicochemical investigation of mercury sorption on mesoporous thioacetamide/chitosan from wastewater.

**, Authors: Mohamed E. Eissa , Ahmed K. Sakr , Mohamed Y. Hanfi , M.I. Sayyed , Jamelah S. AlOtaibi,
Ashraf M. Abdel-lateef , Mohamed F. Cheira , Haeam A. Abdelmonem**

Journal: Chemosphere, Volume 341, November 2023, 140062

DOI: <https://doi.org/10.1016/j.chemosphere.2023.140062>

13- Inhibitive impact of Terfeziaceae plant extract on nitric acid decomposition of copper.

, Authors: Eslam Abdel Haleem, Mohamed E. Eissa, Abd El-Aziz S. Fouda

Journal: Journal of the Chinese Chemical Society, (2024)

DOI: <https://doi.org/10.1002/jccs.202300364>

14- Cellulose-embedded polyacrylonitrile/amidoxime for the removal of cadmium (II) from wastewater: Adsorption performance and proposed mechanism.

**, Authors: Haeam A. Abdelmonem , Taha F. Hassanein , Hani E. Sharafeldin , Hassanien Gomaa ,
Abdelaal S.A. Ahmed , Ashraf M. Abdel-lateef , Eman M. Allam , Mohamed F. Cheira , Mohamed E.
Eissa , Amal H. Tilp**

**Journal: Colloids and Surfaces A: Physicochemical and Engineering Aspects, Volume 684, march 2024,
133081**

DOI: <https://doi.org/10.1016/j.colsurfa.2023.133081>

**15- Adsorption and inhibiting properties of Cleome Droserifolia
extract on the corrosion of AISI 1018 carbon steel in hydrochloric acid solution.**

, Authors: M.E. Eissa

Journal: *Int. J. Corros. Scale Inhib.*, 2024, 13, no. 1, 144–164

DOI: [10.17675/2305-6894-2024-13-1-8](https://doi.org/10.17675/2305-6894-2024-13-1-8)

**16- The impact of environmentally friendly supramolecular coordination polymers as carbon steel
corrosion inhibitors in HCl solution: synthesis and characterization.**

, Authors: M. Eissa , S. H. Etaiw , E. E. El-Waseef , A. El-Hossiany & A. S. Fouda

Journal: scientific reports, (2024) 14:2413

DOI: <https://doi.org/10.1038/s41598-024-51576-9>

17- Haloxylon salicornicum extract as an eco-friendly corrosion inhibitor for carbon steel in HCl solution.

, Authors: M.F. Atia, A.M. Hamzah, M.E. Eissa, A. El-Hossiany and A.S. Fouda

Journal: *Int. J. Corros. Scale Inhib.*, 2024, 13, no. 2, 750–774

DOI: [10.17675/2305-6894-2024-13-2-6](https://doi.org/10.17675/2305-6894-2024-13-2-6)

18- Sweet Orange Peel Extract as green sustainable corrosion inhibitor for Al in 1M HCl.

, Authors: Mohamed E. Eissa , Safaa H. Etaiw, Eslam S. El-

Hussieny, Ahmed A. El Hossiany, Abd El-Aziz S.Fouda

Journal: International Journal of Electrochemical Science, Volume 20(2025), 100882

DOI: <https://doi.org/10.1016/j.ijoes.2024.100882>

19- Potential of aqueous Cupressus macrocarpa extract (CME) as eco-friendly corrosion inhibitor against aluminum in HCl environment.

, Authors: M.E. Eissa, E.E. El-Katori, A. El-Hossainy, E.M. El-Hossainy and A.S. Fouda

Journal: *Int. J. Corros. Scale Inhib.*, 2024, 14, no. 1, 146–168

DOI: [10.17675/2305-6894-2025-14-1-8](https://doi.org/10.17675/2305-6894-2025-14-1-8)

21 -Cuminum cyminum as green corrosion inhibitor for API 5 L X70 carbon steel in 0.5 M H₂SO₄ solution.

,Authors: A. S. Fouda, S. Rashwan, H. Ibrahim, M. Reda, M. E. Eissa & A. El-Hossiany

Journal: scientific reports, 15, 17120.(2025)

DOI: <https://doi.org/10.1038/s41598-025-98407-z>

22 -A High Performance Sensor Based on Graphene Oxide Decorated with β -Cyclodextrin Metal-Organic Framework and Biosynthesized Ag-MnO₂ Nanocomposite for Voltammetric Determination of Caffeine.

Authors: Mortaga M. Abou-Krishna, Abdulrahman G. Alhamzani, Ehab A. Abdelrahman, Mohamed N. Goda, Mohamed E. Eissa & Mohamed Abd-Elsabour

Journal: Journal of Inorganic and Organometallic Polymers and Materials, 35, 8598–8612.(2025)

DOI: <https://doi.org/10.1007/s10904-025-03815-3>

23 -Corresponding Author

Laser optical limiting, optical and dielectric performance of PVA/PVP/PEG/MC polymeric blend loaded with eriochrome black T for optoelectronic devices.

Authors: Mohamed Abdel-Megid , Omar A. Essam , Mohamed E. Eissa , Heba Y. Zahran , Doaa Abdelhameed , Aya El-Rahman, Ibrahim S. Yahia

Journal: Journal of the Indian Chemical Society, Volume 102, Issue 11, November 2025, 102073.

DOI: <https://doi.org/10.1016/j.jics.2025.102073>

24 -First and corresponding Author

A sustainable approach to the Ugi-one-pot multi-component system (Ugi-4CRs) for a novel chelating α -acylamido carboxamide: design, synthesis, and sorption aspects for Co(II) ions from discarded lithium-ion batteries.

Authors: Mohamed E. Eissa , Mohamed Abdel-Megid, Bahig M. Atia , Mohamed A. Gado b, Mohamed F. Cheira , Taha F. Hassanein

Journal: Chemical Engineering Science, Volume 320, Part C, 15 January 2026, 122642.

DOI: <https://doi.org/10.1016/j.ces.2025.122642>

25 -Magnetic, electrical, and dielectric properties of microwave-assisted synthesis of Bi_{0.6}Sr_{0.4} FeO₃ nanoparticles for wastewater treatments: Electro-degradation of Rhodamine B dye.

Authors: Mohamed Abdel-Megid , Mohamed E. Eissa , Ahmed T. Mosleh , Nourhan A.M. Ragab , Heba Y. Zahran , Ibrahim S. Yahia , Elbadawy A. Kamoun , M.H. Ghosza

Journal: Ceramics International, Volume 51, Issue 23, Part B, September 2025, Pages 39677-39687.

DOI: <https://doi.org/10.1016/j.ceramint.2025.06.203>

26 -Targeting AMPK with ivabradine attenuates cyclophosphamide-induced hepatotoxicity: Crosstalk with MAPK, JAK1/STAT3, and PI3K/Akt pathways.

Authors: Ahmed M. El-Dessouki, Mohamed E. Eissa, Arwa Omar Al Khatib, Tarek A. Yousef, Asmaa I. Alwakeel, Asmaa Ramadan, Nada A. Ashour & Ahmed A. Al-Karmalawy

Journal: Naunyn-Schmiedeberg's Archives of Pharmacology.(2025) ,

DOI: <https://doi.org/10.1007/s00210-025-04393-4>

27 -Medicinal chemistry perspectives on anticancer drug design based on clinical applications .(2025–2015)

Authors: Ahmed A. Al-Karmalawy, Mohamed E. Eissa, Nada A. Ashour, Tarek A. Yousef, Arwa Omar Al Khatib and Samia S. Hawas

Journal: RSC Adv., 2025, 15, 36441-36471.

DOI: <https://doi.org/10.1039/D5RA05472A>

28 -Exploring the Topoisomerase II Inhibitory Potential of Steroidal Drugs as a Recommended Mechanism of Action for Their Anticancer Activity: In Silico and In Vitro Assessments.

Authors: Ahmed A. Al-Karmalawy, Mohamed E. Eissa, Ayman Abo Elmaaty, Tarek A. Yousef, Arwa Omar Al Khatib, Radwan Alnajjar, Faten Farouk, Amany Belal, Abdullah Yahya Abdullah Alzahrani, Marwa Sharaky

Journal: Drug Development Research, Volume86, Issue6, September 2025, e70152.

DOI: <https://doi.org/10.1002/ddr.70152>

29 -Exploring the apoptosis-inducing potential of Syzygium cimini leaves in cancer treatment; LC-ESI-MS/MS analysis, biological assessments, and computational studies.

Authors: Ahmed A. Al-Karmalawy , Mohamed E. Eissa , Rehab F. Taher , Tarek A. Yousef, Arwa Omar Al Khatib , Marwa Sharaky , Radwan Alnajjar , Haidy A. Abbas

Journal: Scientific African, Volume 31, March 2026, e03108.

DOI: <https://doi.org/10.1016/j.sciaf.2025.e03108>

30 -Advances in TiO₂-based photocatalysts for environmental remediation: Structural engineering, mechanistic insights, and degradation pathways of organic and inorganic pollutants.

Authors: Karma M. Albalawi a, Mohamed E. Eissa b, Khalil ur Rehman c, Mohammed Alissa d, Suad A. Alghamdi d, Mohammed A. Alshehri d, Ghfren S. Aloraini d, Alaa S. Alhegaili e, Mohamed Abdel-Megid b, Ehab A. Abdelrahman

Journal: Trends in Environmental Analytical Chemistry, Volume 49, March 2026, e00291

DOI: <https://doi.org/10.1016/j.teac.2025.e00291>

31 -Functionalized carbon nanotubes for selective lithium recovery from spent lithium-ion batteries: a sustainable approach to resource recycling.

Mohamed E. Eissa*a, Mohamed Abdel-MegidORCID logoa, Bahig M. AtiaORCID logob, Mohamed A. GadoORCID logob, Mohamed F. CheiraORCID logob, Taha F. HassaneinORCID logo*c and Haeam A. Abdelmonem

JOURNAL : RSC Adv., 2026, 16, 2504-2527

DOI : <https://doi.org/10.1039/D5RA07566A>

32 -Functionalization strategies and adsorption mechanisms of porous adsorbents for rare earth elements: A comprehensive review

Mohamed E. Eissa , EA Elshehy, MF Cheira

Coordination Chemistry Reviews 557, 217741-2026

33 -Fragment merging design, synthesis, and biological evaluation of novel methyl Selanyl–And thiazolidinedione-based hybrids as potent anticancer inducing apoptosis and cell cycle

Authors

Saad Shaaban, Samia S Hawas, Ayman Abo Elmaaty, Hussein Ba-Ghazal, Marwa Sharaky, Mohamed Alaasar, Asma M Elsharif, Arwa Omar Al Khatib, Fatema S Alatawi, Mohamed E. Eissa Hany M Abd El-Lateef, Ahmed A Al-Karmalawy

Bioorganic & Medicinal Chemistry, 118610 2026

34 -Multifunctional Ag/MgO Nanocomposite from Marine Bacterium Bacillus tequilensis MYG163 EPS Triggers Metalloptosis in HepG2 Cells Through p53-Mediated

AA Al-Sharqi, Mohamed E. Eissa , RH Naser, ZF Azeez, AMA Shahlol, Z Alatawi... ,

Applied Biochemistry and Biotechnology, 1-28 2026

35-Targeting cell cycle and apoptotic pathways with newly synthesized diselenide-linked imidazolone analogues with strong CDK6-targeting potential

M Abdel-Motaal, S Shaaban, SS Hawas, AM Elsharif, M Sharaky, Mohamed E. Eissa

RSC advances 16 (8), 7066-7079 1-2026

36-Multifunctional Se–Cu bimetallic nanoparticles from marine Bacillus licheniformis: targeting oxidative stress, inflammation, and microbial biofilms

AA Al-Sharqi, Mohamed E. Eissa , D Alyousfi, AE Alharbi, IM Ibrahim... ,

RSC advances 16 (8), 7132-7148

2026

37-Organoselenium-based Schiff bases and amidic acid derivatives as promising anticancer agents targeting breast cancer by downregulating BCL-2: design, synthesis, and biological...

S Shaaban, SS Hawas, AM Elsharif, M Sharaky, H Ba-Ghazal, M Alaasar, . **Mohamed E. Eissa**

RSC advances 16 (7), 6539-6561 1

2026

38-Spectroscopic, computational, and biological activity studies of bivalent metal complexes of (E)-N'-(4-(dimethylamino) benzylidene) isonicotinohydrazide

AY Osama'a, **Mohamed E. Eissa** , KT Abdullah, TA Yousef, MH Alhalafi... ,

RSC advances 16 (6), 4999-5012 2026

39-Bridging mechanism and design: modern medicinal chemistry approaches to thymidylate synthase inhibitors

AA Al-Karmalawy, **Mohamed E. Eissa** , TA Yousef, AO Al Khatib, SS Hawas

RSC advances 16 (4), 3564-3579

40- Antidiabetic Potential and Molecular Docking Studies of Flavonoids Isolated From Cuscuta campestris Against Human Glucokinase.

Shabnum Shaheen, Ehab A. Abdelrahman, Fozia Fozia, Ijaz Ahmad, Abdul Wahab, Shafiullah

Khan, **Mohamed E. Eissa**, Mohamed Abdel-Megid

Journal of Chemistry, 2026; 2026:4023332

<https://doi.org/10.1155/joch/4023332>

41- Mg–Al layered double hydroxide nanoparticles for wastewater treatment: kinetic, thermodynamic and quantum chemical studies of brilliant blue FCF adsorption.

Ashraf M. Al-Msiedeena, Rasheed M. A. Q. Jamhourb, Samer Alawaidehc, Firas Khalil Al-Zeidaneenb, Haneen A. Al-Safasfeh, Aya A. Al-Ewiratb, Nouredine El Messaoudia, Tareq M. A. Al-Shbould, **Mohamed E. Eissa**, Muayad Esaifane and Abdelmnim M. Altweig

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE 2026, VOL. 20, NO. 1, 2672788

<https://doi.org/10.1080/16583655.2026.2672788>

42- Multi-targeted pyrazole scaffolds: synthesis, mechanistic insights, and therapeutic potential in anticancer, antioxidant, and anti-inflammatory applications.

Suhailah S. Aljameela, **Mohamed E. Eissa**, Zinab Alatawic, Hanadi A. Alahmadid, Mohammad E. Azabe, Tarek A. Yousefb, Sayed K. Ramadane, Hasan A Aljohif, Eida S. Al-Farrajb, Eman Abdullah Bahattabg, Ahmed Ghareebh and Eman A. E. El-Helw

LIBYAN JOURNAL OF MEDICINE 2026, VOL. 21, NO. 1, 2642992

<https://doi.org/10.1080/19932820.2026.2642992>

43- Experimental and theoretical investigations of porphyrin derivatives as corrosion inhibitors for carbon steel in acidic environments.

Abd El-Aziz S. Fouda ; Ahmed M. Elesawy; Salah M. Rashwan; Medhat M. Kamel; **Mohamed E. Eissa**; Hoyeda E. Ibrahim

RSC Adv. (2026) 16 (19): 16804–16823.

<https://doi.org/10.1039/d6ra00078a>

44- Receptor-interacting protein kinase 2 (RIPK2): Structural insights, pathophysiological roles, and medicinal chemistry advances in inhibitor design

Ahmed A. Al-Karmalawy ^a, **Mohamed E. Eissa** ^b, Tarek A. Yousef ^b, Arwa Omar Al Khatib ^c, Samia S. Hawas

Bioorganic Chemistry, Volume 176, 15 July 2026, 109863

<https://doi.org/10.1016/j.bioorg.2026.109863>

45- Synthesis, characterization, molecular modelling, and antimicrobial evaluation of novel drug–polymer composites grafted with polyvinylpyrrolidone

Zahraa Mokhtar ^a, **Mohamed E. Eissa** ^b, Mohammed Bashir Al-

Qazzan ^c, Violet Kasabri ^d, Mohammed Al-Akeedi ^c, Sana Hitur Awad ^e, Tarek A. Yousef ^b, Ahmed A. Al-Karmalawy

Journal of Molecular Structure, 5 July 2026, Article: 145842, Volume: 1364

[10.1016/j.molstruc.2026.145842](https://doi.org/10.1016/j.molstruc.2026.145842)

46- Mechanistic, equilibrium, and thermodynamic evaluation of a Thiourea-embedded PVC adsorbent for Lead removal from wastewater

Mohammad S. Alomar ^a, Mohamed A. Mahmoud ^b, Abdulrahman S. Sait ^c, Fahad A. Alhujaili ^c, Ali Ahmed Alqudaihi ^d, Omer Y. Bakather ^b, Mubarak A. Eldoma ^b, Mohamed Hassan ^b, Bahaa

Ahmed Salah ^e, **Mohamed E. Eissa** ^f, Bahig M. Atia ^g, Mohamed F. Cheira ^g, Mahmoud T. Abdu Polyhedron, Volume 291, 1 May 2026, 118090

<https://doi.org/10.1016/j.poly.2026.118090>

47- Expired chlorzoxazone/N-acetyl-para-aminophenol as corrosion inhibitor for 304 stainless steel in hydrochloric acid

Hani Nassser, **Mohamed E. Eissa**

RSC Adv. (2026) 16 (16): 14936–14950.

<https://doi.org/10.1039/d5ra08536e>

48- Sustainable sorption kinetics, isotherms, and mechanism of selenium ions on 2,3-diaminonaphthalene-functionalized chitosan from waste effluents

Ali Ahmed Alqudaihi ^a, Nasser Zouli ^b, Ali Marashdeh ^c, Abdulrahman S. Sait ^d, Fahad

A. Alhujaili ^d, Ahmed M. Bagabir ^e, M. Hassan ^{e f}, Mohammad S. Alomar ^g, Mohamed

A. Mahmoud ^b, Bahig M. Atia ^h, Mohamed A. Gado ^h, Mohamed F. Cheira ^h, **Mohamed E. Eissa**

Inorganic Chemistry Communications, Volume 188, Part 2, June 2026, 116560

<https://doi.org/10.1016/j.inoche.2026.116560>

49- Thermostable xylanase from Chenopodium album: kinetic–thermodynamic profiling and stabilization for industrial saccharification

Khalil ur Rahman ^a, Omar K. Aldujai ^b, Karma

M Albalawi ^c, **Mohammed Alissa** ^d, Abdullah Alghamdi ^d, Suad A. Alghamdi ^d, Ghfren

S. Aloraini ^d, Abdulkarim S. Binshaya ^d, **Mohammad E. Eissa** ^b, Ehab A. Abdurahman

Journal of Industrial and Engineering Chemistry, 25 September 2026, Pages: 639-652, Volume: 161

[10.1016/j.jiec.2026.03.025](https://doi.org/10.1016/j.jiec.2026.03.025)

50- Targeting the Menin–KMT2A Interface: Medicinal Chemistry Rules Governing Reversible, Covalent, and Degradable Inhibitors

Ahmed A. Al-Karmalawy, **Mohamed E. Eissa**, Tarek A. Yousef, Marwa Sharaky, Arwa Omar Al Khatib, Samia S. Hawas

Chemical Biology & Drug Design, 04 April 2026

<https://doi.org/10.1111/cbdd.70291>

51- Structure-Based Identification and Synthesis of Benzimidazole Azo–Schiff Base Derivatives as Recommended CK2 and PIM-1 Inhibitors

Huda F. Hassan, **Mohamed E. Eissa**, Maha Salih Hussein, Mohammed Bashar Al-Qazzan, Mohammed Al-Akeedi, Mohamed N. Goda, Sadeq Jaafer Al-Tameemi, Haithem N. Abed, Tareq K. Ibraheem, Tarek A. Yousef, Ahmed A. Al-Karmalawy

Drug Development Research, 87(4), e70336, 14 June 2026

<https://doi.org/10.1002/ddr.70336>

52- Recycling pharmaceutical waste (vancomycin) as sustainable corrosion inhibition for API 5 L X60 carbon steel in 1 M hydrochloric acid: a combined electrochemistry and theoretical study

Amira A.E. Satti^{1*}, Ayman A. O. Younes², Mai M. A. H. Shanab³, Seham Hassan

Bashir^{4,5}, Rabeea M.A. Daoub⁶, Mariem M. Motawea², **Mohamed E. Eissa**

Sci Rep (2026).

<https://doi.org/10.1038/s41598-026-57727-4>

53- Design, Synthesis, and Antibiofilm Efficacy of Ag/Se-Doped CuO–Chitosan

Nanocomposites as Potent Antifungal Agents against *Candida albicans*

Tarek Alammam, Amany I. Gad, Nagih M. Shaalan, **Mohamed E. Eissa**, Ahmed A. Al-Karmalawy, Saad Shaaban

Journal: Chemistry & Biodiversity

Manuscript ID: 3992564

54- Metabolomics-Guided Network Pharmacology and Molecular Modeling Suggest Bioactive Components of *Chiliadenus montanus* Associated with Multi- Target Anticancer and Anti-Inflammatory Activities

Accepted 7-7-2026