



**Sinai University Weekly Scientific  
Publications 2025**  
Based on Scopus Database

## Documents

Export Date: 06 Jan 2025

- 1) Fayed, E.A., El-Sebaey, S.A., Ebrahim, M.A., Abu-Elfotuh, K., El-Sayed Mansour, R., Mohamed, E.K., Hamdan, A.M.E., Al-subaie, F.T., Albalawi, G.S., Albalawi, T.M., Hamdan, A.M., Mohammed, A.A., Ramsis, T.M.

[Discovery of novel bicyclic and tricyclic cyclohepta\[b\]thiophene derivatives as multipotent AChE and BChE inhibitors, in-Vivo and in-Vitro assays, ADMET and molecular docking simulation](#)

(2025) European Journal of Medicinal Chemistry, 284, art. no. 117201, .

- 1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213204000&doi=10.1016%2fj.ejmech.2024.117201&partnerID=40&md5=84b6584b6584b6584b6584b6584b6584>  
DOI: 10.1016/j.ejmech.2024.117201

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 2) Alshehri, S.A., Sayyed, M.I., Amin, H.Y., Sadeq, M.S.

[The role of BaO/ZnO ratio in the structure and radiation shielding capacity of Na<sub>2</sub>O–CoO–B<sub>2</sub>O<sub>3</sub> glass matrix](#)

(2025) Optical Materials, 159, art. no. 116574, .

- 2) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213227852&doi=10.1016%2fj.optmat.2024.116574&partnerID=40&md5=84b6584b6584b6584b6584b6584b6584>  
DOI: 10.1016/j.optmat.2024.116574

Document Type: Article

Publication Stage: Final

Source: Scopus

- 3) Almohamady, H.I., Mortagi, Y., Gad, S., Zaitone, S., Alshaman, R., Alattar, A., Alanazi, F.E., Hanna, P.A.

[Spanlastic Nano-Vesicles: A Novel Approach to Improve the Dissolution, Bioavailability, and Pharmacokinetic Behavior of Famotidine](#)

(2024) Pharmaceuticals, 17 (12), art. no. 1614, .

- 3) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213278740&doi=10.3390%2fph17121614&partnerID=40&md5=84b6584b6584b6584b6584b6584b6584>  
DOI: 10.3390/ph17121614

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 4) Ibrahim, A.E., Alamir, S.G., Maged, K., Magdy, G., Salman, B.I., Al-Harrasi, A.  
[Leveraging Green Chromatography in Quality-by-Design-Driven Study for the Simultaneous Analysis of Essential Single-Pill Antidiabetic Drug Combinations](#)  
(2024) Journal of Separation Science, 47 (24), art. no. e70063, .

- 4) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213065562&doi=10.1002%2fjssc.70063&partnerID=40&md5=6158a44>  
DOI: 10.1002/jssc.70063

Document Type: Article

Publication Stage: Final

Source: Scopus

- 5) Matarneh, S., Elghaish, F., Edwards, D.J., Rahimian, F.P., Abdellatef, E., Ejohwomu, O.  
[AUTOMATIC CRACK CLASSIFICATION ON ASPHALT PAVEMENT SURFACES USING CONVOLUTIONAL NEURAL NETWORKS AND TRANSFER LEARNING](#)  
(2024) Journal of Information Technology in Construction, 29, pp. 1239-1256.

- 5) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213682185&doi=10.36680%2fj.itcon.2024.055&partnerID=40&md5=41>  
DOI: 10.36680/j.itcon.2024.055

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 6) Siddiq, A., Shrestha, S., Das, M., Chodnekar, S.Y., Wadan, A.-H.S., Ayad, Y.W., Ashraf, G.M.  
[Nonpharmacological therapies for neurodegenerative disorders](#)  
(2024) The Neurodegeneration Revolution: Emerging Therapies and Sustainable Solutions, pp. 127-165.

- 6) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213183205&doi=10.1016%2fB978-0-443-28822-7.00021-0&partnerID>  
DOI: 10.1016/B978-0-443-28822-7.00021-0

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

- 7) Ragab, M., Soliman, A.-H., Shaltout, A.E.-R., El-Ramly, T.A., Morris, M., Mohamed, O.A.A., Ibrahim, R., Dakhlaah, D.  
[Decoding Parkinson's disease: A multifaceted approach to diagnosis and biomarker discovery](#)  
(2024) Essential Guide to Neurodegenerative Disorders: Mechanistic, Diagnostic and Therapeutic Advances, pp. 235-256.

- 7) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213178906&doi=10.1016%2fB978-0-443-15702-8.00015-4&partnerID>

DOI: 10.1016/B978-0-443-15702-8.00015-4

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

- 8) Gami, F., Guizani, I., Sebak, M.A., Alzara, M.A.A., Alharbi, H.G., Amin, H.Y., Elkelany, E.A.  
[Investigation of structural and optical properties of Ni<sup>2+</sup> ions-bearing borate glass through barium ions addition](#)  
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- 8) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213017787&doi=10.1016%2fj.ceramint.2024.12.305&partnerID=40&...>  
DOI: 10.1016/j.ceramint.2024.12.305

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

## Documents

Export Date: 13 Jan 2025

- 1) Silva, I.M., Melo Neto, O.D.M., Youssef, A.M., Lopes Lucena, L.C.D.F., Da Silva Araújo, I.A., Azam, A.

[Enhancing Asphalt Pavement Durability: Evaluation of Encapsulated Soybean Sludge Rejuvenators for Self-Healing and Cracking Resistance](#)

(2025) Journal of Materials in Civil Engineering, 37 (3), art. no. 04024549, .

- 1) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213816452&doi=10.1061%2fJMCEE7.MTENG-19112&partnerID=40&DOI: 10.1061/JMCEE7.MTENG-19112](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213816452&doi=10.1061%2fJMCEE7.MTENG-19112&partnerID=40&DOI=10.1061/JMCEE7.MTENG-19112)

Document Type: Article

Publication Stage: Final

Source: Scopus

- 2) Rajab, H.A., Al-Kuraishy, H.M., Shokr, M.M., Al-Gareeb, A.I., Al-Harchan, N.A., Alruwaili, M., Papadakis, M., Alexiou, A., Batiha, G.E.-S.

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(2025) Neuroscience, 567, pp. 45-55.

- 2) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213943012&doi=10.1016%2fj.neuroscience.2024.12.059&partnerID=40&DOI: 10.1016/j.neuroscience.2024.12.059](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213943012&doi=10.1016%2fj.neuroscience.2024.12.059&partnerID=40&DOI=10.1016/j.neuroscience.2024.12.059)

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 3) Elnaggar, M.Y., Zaki, E.G., Wahab, L.A.

[A study based on biochar as a reinforcing agent of irradiated waste thermoplastic composite for polymer engineering and electromagnetic shielding applications](#)

(2025) Environmental Technology (United Kingdom), .

- 3) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214214299&doi=10.1080%2f09593330.2024.2447625&partnerID=40&DOI: 10.1080/09593330.2024.2447625](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214214299&doi=10.1080%2f09593330.2024.2447625&partnerID=40&DOI=10.1080/09593330.2024.2447625)

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 4) El-Hussein, I.G.

[Evaluation of retentive force between stud and resilient telescopic crown attachment for](#)

[implant-retained mandibular overdentures](#)

(2024) Tanta Dental Journal, 21 (1), pp. 1-7.

- 4) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214306731&doi=10.4103%2ftdj.tdj\\_16\\_23&partnerID=40&md5=0ce799](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214306731&doi=10.4103%2ftdj.tdj_16_23&partnerID=40&md5=0ce799)  
DOI: 10.4103/tj.tdj\_16\_23

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 5) Wadan, A.-H.S., Mohamed, W.

[Various zebrafish models of Parkinson's disease: What gives us hope](#)

(2024) Translational Models of Parkinson's Disease and Related Movement Disorders, pp. 219-230.

- 5) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214156719&doi=10.1016%2fB978-0-443-16128-5.00013-X&partnerID>  
DOI: 10.1016/B978-0-443-16128-5.00013-X

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

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Export Date: 20 Jan 2025

- 1) Basiouny, S.M., Zaki, H.F., Elshazly, S.M., Mohamed, A.F.  
[Berberine ameliorates seizure activity and cardiac dysfunction in pentylenetetrazol-kindling seizures in rats: Modulation of sigma1 receptor, Akt/eNOS signaling, and ferroptosis](#)  
(2025) Neuropharmacology, 267, art. no. 110295, .  
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214816342&doi=10.1016%2fj.neuropharm.2025.110295&partnerID=40>  
DOI: 10.1016/j.neuropharm.2025.110295

Document Type: Article

Publication Stage: Final

Source: Scopus

- 2) Helal, D.A., Osama, A., El-Nabarawi, M.A., Teaima, M.H., Ibrahim Al-Samadi, I.E.  
[Dual-action of clotrimazole loaded – nanosponges vaginal gel for spermicidal action and treatment of vaginal candidiasis: Optimization, in-vitro, ex-vivo, and in-vivo experiments](#)  
(2025) International Journal of Pharmaceutics, 670, art. no. 125193, .  
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214518824&doi=10.1016%2fj.ijpharm.2025.125193&partnerID=40&mo>  
DOI: 10.1016/j.ijpharm.2025.125193

Document Type: Article

Publication Stage: Final

Source: Scopus

- 3) Alsouk, B.A., Al-Kuraishy, H.M., Albuhadily, A.K., Al-Gareeb, A.I., Abdelaziz, A.M., Alexiou, A., Papadakis, M., Alruwaili, M., Batiha, G.E.-S.  
[The potential therapeutic role of berberine in treating epilepsy focusing on temporal lobe epilepsy: State of art and ongoing perspective](#)  
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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214328024&doi=10.1016%2fj.brainresbull.2025.111189&partnerID=40>  
DOI: 10.1016/j.brainresbull.2025.111189

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 4) Elkoumi, A., Elkoumi, O., Elkasaby, M.H., Khitiy, H., Elbairy, M.K., Tawfik, A., Habib, O.K., Shaalan, A.

[Survival benefit of cancer-directed surgery and the role of adjuvant therapy in malignant major salivary gland cancers: a propensity score matched retrospective analysis](#)

(2025) Oral and maxillofacial surgery, 29 (1), p. 27.

- 4) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214890033&doi=10.1007%2fs10006-024-01316-0&partnerID=40&md5>

DOI: 10.1007/s10006-024-01316-0

Document Type: Article

Publication Stage: Final

Source: Scopus

- 5) El-Hussein, I.G.

[Impact of nylon versus heat cure acrylic resin on microbial adhesion of closed hollowed obturators](#)

(2024) Tanta Dental Journal, 21 (1), pp. 8-14.

- 5) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214464485&doi=10.4103%2ftdj.tdj\\_17\\_23&partnerID=40&md5=720b6](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214464485&doi=10.4103%2ftdj.tdj_17_23&partnerID=40&md5=720b6)

DOI: 10.4103/tj.tdj\_17\_23

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