

أبحاث جامعة سيناء ٢٠٢٤
وفقاً لقاعدة بيانات
Scopus

Sinai University Scientific Publications in Scopus Journals, 2024

- 1) Attia, Z.R., Labib, M.E., Kelany, A.K., Alnefaie, R.M., Twab, H.A., Wahsh, E., Abd El Azeem, R.A., Shaaban, E.I.A., Elsaid, A.M., Alalawy, A.I., Elshazli, R.M., El Tantawi, N.
Pharmacogenetic insights into ABCB1, ABCC2, CYP1A2, and CYP2B6 variants with epilepsy susceptibility among Egyptian Children: A retrospective case-control study
(2024) International Immunopharmacology, 142, art. no. 113073, . Cited 1 time.
- 2) Aziz, M.W., Mohamed, K.O., Farag, D.B., Khalifa, A.K., Mahmoud, Z.
Synthesis of potent vasodilating agents: in silico and in vitro evaluation of 6-(4-substitutedphenyl)-3-pyridazinone derivatives as potential hydralazine analogues
(2024) Scientific Reports, 14 (1), art. no. 29514,.
- 3) Abbas, A.E.F., Abdelshafi, N.A., Gamal, M., Halim, M.K., Said, B.A.M., Naguib, I.A., Mansour, M.M.A., Morshedy, S., Salem, Y.A.
Simultaneously quantifying a novel five-component anti- migraine formulation containing ergotamine, propyphenazone, caffeine, camylofin, and mecloxamine using UV spectrophotometry and chemometric models
(2024) BMC Chemistry, 18 (1), art. no. 233,
- 4) Selim, M., Fawzy, K., Mahmoud, H.A.K., Kotb, K.F., Zaghlal, M.
Punching shear capacity of RC flat slabs with steel and superelastic Ni-Ti shape memory shear reinforcement under repeated loads
(2024) Results in Engineering, 24, art. no. 103302,
- 5) Badr, A.M.I., Nabawy, M., Mohammed, G.F., Radwan, S.A.
Evaluation of patient satisfaction and maximum biting force of three differently constructed bars on two implants retaining mandibular overdenture - one year follow-up (a randomized controlled clinical trial)
(2024) BMC Oral Health, 24 (1), art. no. 1360,

- 6) Ellakwa, T.E., Abu-Khadra, A.S., Ellakwa, D.E.-S.
Influence of physico-chemical properties of hydroxypropyl methylcellulose on quetiapine fumarate release from sustained release matrix tablets
(2024) BMC Chemistry, 18 (1), art. no. 219, .
- 7) Abdellatef, E., Ismail, A.H., Fath Allah, M.I., Shalaby, W.A.
Leveraging convolutional neural networks and hashing techniques for the secure classification of monkeypox disease
(2024) Scientific Reports, 14 (1), art. no. 26579,
- 8) Zekry, O.S., Fekry, A.A., Hamed, R.E.D.
Artificial Neural Network to Predict Curvature Light Shelf Design Related Daylighting Optimization on Office Spaces
(2024) Journal of Daylighting, 11 (2), pp. 334-348.
- 9) Abuelnadar, E.H., Ramadan, L.M., Shahin, H.E., Alakilli, S.Y.M., Wahsh, E., El-Beltagy, N.S., Salem, E.T., Hatata, A.S., El-Said, A.M., Alhelf, M.
Association of IL-6 G-174C (rs1800795) variant with the susceptibility to hepatocellular carcinoma in patients with chronic hepatitis
(2024) Journal of the Egyptian National Cancer Institute, 36 (1), art. no. 32, .
- 10) Salem, Y.A., Abbas, A.E.F., Salem, A.E., Abdella, A.A., El-Masry, A.A.
Multi-assessed green sustainable chromatographic resolution of nicotine and caffeine; application to in-vitro release from a new quick mist mouth spray co-formula
(2024) BMC Chemistry, 18 (1), art. no. 200,
- 11) Aboul-Ella, H., Gohar, A., Ali, A.A., Ismail, L.M., Mahmoud, A.E.E.-R., Elkhatib, W.F., Aboul-Ella, H.
Monoclonal antibodies: From magic bullet to precision weapon
(2024) Molecular Biomedicine, 5 (1), art. no. 47, .
- 12) Mansour, N.M., Awaad, I.A., Abdelsalam, A.A.
Performance analysis of wavelet scattering transform-based feature matrix for power system disturbances classification
(2024) International Journal of Electrical and Computer Engineering, 14 (6), pp. 6094-6110.

- 13) Ghazy, R.M., Hussein, M., Abdu, S.M.M., El-sayed Ellakwa, D., Tolba, M.M., Youssef, N., Mahboob, A.S., Abd ElHafeez, S.

The intention of Egyptian healthcare workers to take the monkeypox vaccine: is urgent action required?

(2024) BMC Health Services Research, 24 (1), art. no. 1204,

- 14) Ellakwa, D.E.-S., El Nakeeb, S.M.S., El Mohsen, S.A.A.

The impact of hydrogen sulfide on mesenchymal stem cells in rats suffering from liver fibrosis via suppression of TGF- β signaling

(2024) Gene Reports, 37, art. no. 102056,

- 15) El-Asfahani, I.A., Abd El-Moatty, R., Mohamed, G.F., Hussein, H.A.

Marginal bone loss and soft tissue health around two-implant mandibular overdenture retained with milled versus selective laser melted cobalt chromium bar: a randomized clinical trial

(2024) BMC Oral Health, 24 (1), art. no. 1180,

- 16) Hassan, M.I., Laz, N.I., Madney, Y.M., Abdelrahim, M.E.A., Harb, H.S.

Impact of Preliminary Bronchodilator Dose in Chronic Obstructive Pulmonary Disease Patients With Suboptimal Peak Inspiratory Flow

(2024) Clinical Therapeutics, 46 (12), pp. e16-e24.

- 17) Mahfouz, A., Mostafa, H., Mahmoud, T.M., Sharaf Eldin, A.

M2auth: A multimodal behavioral biometric authentication using feature-level fusion

(2024) Neural Computing and Applications, 36 (34), pp. 21781-21799.

- 18) Abdel-Wahhab, K.G., Ashry, M., Hassan, L.K., El-Azma, M.H., Elqattan, G.M., Gadelmawla, M.H.A., Mannaa, F.A.

Hepatic and immune modulatory effectiveness of lactoferrin loaded Selenium nanoparticles on bleomycin induced hepatic injury

(2024) Scientific Reports, 14 (1), art. no. 21066, .

- 19) Qutub, M.A.Z., Alghamdi, A.A., Maatouk, A., Almotawa, R.M., Sadeq, M.S., Abdel-Fattah, E., Abdo, M.A.

Scaling up features of photocatalytic degradation and radiation shielding of multicomponent Cr–Co–Zn nanoferrites

(2024) Radiation Physics and Chemistry, 225, art. no. 112141,

- 20) Maatouk, A., Almotawa, R.M., Alshehri, S.A., Sayyed, M.I., Qutub, M.A.Z., Amin, H.Y., Sadeq, M.S.

Compositional impacts of high CdO content on the structure and radiation shielding efficiency of CoO–Na₂O–B₂O₃ glass system

(2024) Radiation Physics and Chemistry, 225, art. no. 112142, . Cited 1 time.

- 21) Younes, O.A., Elsherbiny, D.M., Hanna, D.M.F., Gad, A.M., Azab, S.S.

Tocilizumab unfolds colo-protective and immunomodulatory effect in experimentally induced ulcerative colitis via mitigating autophagy and ER stress signaling

(2024) Inflammopharmacology, 32 (6), pp. 3881-3898. Cited 1 time.

- 22) Abu-Alghayth, M.H., Al-kuraishy, H.M., Al-Gareeb, A.I., Alexiou, A., Papadakis, M., Bahaa, M.M., Afifi, M., AL-Farga, A., Wahsh, E., Batiha, G.E.-S.

Atheroprotective role of vinpocetine: an old drug with new indication

(2024) Inflammopharmacology, 32 (6), pp. 3669-3678.

- 23) Sobh, Y.T.M., Ahmed, M.R.A.

The effect of two different contemporary chelating agents on vital pulp therapy in mature permanent teeth with irreversible pulpitis using bioceramic material: randomized clinical trial

(2024) BMC Oral Health, 24 (1), art. no. 918,

- 24) Alghamdi, A.A., Maatouk, A., Almotawa, R.M., Sadeq, M.S., Abdel-Fattah, E., Abdo, M.A.

Enhancement of photocatalytic degradation stability and radiation shielding ability of Cr-substituted zinc-copper nanoferrites

(2024) Radiation Physics and Chemistry, 225, art. no. 112111, . Cited 1 time.

25) Ahmed, E.H., Abdeen, M.A., Soliman, S.

Impact of chlorogenic acid on submandibular salivary gland and liver of albino rats exposed to sodium nitrite

(2024) BMC Oral Health, 24 (1), art. no. 911, .

26) De Medeiros Melo Neto, O., Minervina Silva, I., de Figueiredo Lopes Lucena, L.C., de Figueiredo Lopes Lucena, L., de Sousa, T.M., Wan Hu, J., Youssef, A.

Assessment of rheological properties of asphalt binder modified with babassu oil

(2024) Case Studies in Construction Materials, 21, art. no. e03599, . Cited 2 times.

27) El-Masry, A.A., Abbas, A.E.F., Salem, Y.A.

A dual methodology employing ion-pair chromatography and built-in UV spectrophotometry for quantifying recently approved combination of mometasone and indacaterol in a novel combined metered dose inhaler: assessing the greenness, carbon footprint, blueness, and whiteness

(2024) BMC Chemistry, 18 (1), art. no. 143, . Cited 3 times.

28) Salem, Y.A., Elsabour, S.A., El-Masry, A.A.

Validated chromatographic approach for determination of two ternary mixtures in newly approved formulations for helicobacter pylori eradication: assessment of greenness profile and content uniformity

(2024) BMC Chemistry, 18 (1), art. no. 111,

29) Shatat, A.-A.S., Mahgoup, E.M., Rashed, M.H., Saleh, I.G., Akool, E.-S.

Molecular mechanisms of extracellular-ATP-mediated colorectal cancer progression: Implication of purinergic receptors-mediated nucleocytoplasmic shuttling of HuR

(2024) Purinergic Signalling, 20 (6), pp. 669-680. Cited 3 times.

30) Farrag, O.G.A.E.G., Shamaa, N.E.-D.A., Elgameay, W.E., Bayoumi, D.A.

Clinical effect of chlorhexidine and sodium fluoride on corrosion behavior and surface topography of nitinol orthodontic archwires

(2024) BMC Oral Health, 24 (1), art. no. 564, . Cited 2 times.

- 31) Abdel-Reheim, M.A., Ali, M.E., Gaafar, A.G.A., Ashour, A.A.
Quillaja saponin mitigates methotrexate-provoked renal injury; insight into Nrf-2/Keap-1 pathway modulation with suppression of oxidative stress and inflammation
(2024) Journal of Pharmaceutical Health Care and Sciences, 10 (1), art. no. 17, . Cited 2 times.
- 32) Sayed, Z.S., Khattap, M.G., Madkour, M.A., Yasen, N.S., Elbary, H.A., Elsayed, R.A., Abdelkawy, D.A., Wadan, A.-H.S., Omar, I., Nafady, M.H.
Circulating tumor cells clusters and their role in Breast cancer metastasis; a review of literature
(2024) Discover Oncology, 15 (1), art. no. 94, . Cited 3 times.
- 33) Mohamed, A.A., Fayyad, D.M., El-Telbany, M., Mohamed, D.A.-A.
Antibacterial biofilm efficacy of calcium hydroxide loaded on Gum Arabic nanocarrier: an in-vitro study
(2024) BMC Oral Health, 24 (1), art. no. 215, . Cited 3 times.
- 34) Khamis, A.A., Ali, E.M.M., Salim, E.I., El-Moneim, M.A.A.
Synergistic effects of bee venom, hesperidin, and piperine with tamoxifen on apoptotic and angiogenesis biomarker molecules against xenographic MCF-7 injected rats
(2024) Scientific Reports, 14 (1), art. no. 1510, . Cited 1 time.
- 35) Alqarni, A.S., Sadeq, M.S., Amin, H.
Structure, electronic transitions, and ligand field parameters of CoO-Na₂O-borate glass via different La₂O₃ concentrations
(2024) Ceramics International, 50 (22), pp. 47145-47156.
- 36) Mokhtar, H.I., Zaitone, S.A., El-Sayed, K., Lashine, R.M., Ahmed, N., Moursi, S.M.M., Shehata, S.A., Aldahish, A.A., Helal, M.A., El-Kherbetawy, M.K., Fawzy, M.S., Abd El-Fadeal, N.M.
Molecular Docking, Bioinformatic Analysis, and Experimental Verification for the Effect of Naringin on ADHD: Possible Inhibition of GSK-3 β and HSP90
(2024) Pharmaceuticals, 17 (11), art. no. 1436,
- 37) Khattab, S., Nemr, N., Kishk, R.M., Aly, H.M., Nemr, N.N., El-Ghazaly, A.A., Abdalla, M.O., Abu Bakr Elsaid, N.M.
Knowledge and attitude towards Mpox among healthcare workers: an Intervention study
(2024) Microbes and Infectious Diseases, 5 (4), pp. 1273-1284.

38) Fahmy, E.A., Youssef, A.M., Ali, E.E., Algabry, A., Elbagalati, O.

[Evaluation of asphalt mixtures modified with polyethylene terephthalate \(PET\)](#)

(2024) Innovative Infrastructure Solutions, 9 (11), art. no. 434,

39) Alfryyan, N., Al-Ghamdi, H., Alsaif, N.A.M., Sadeq, M.S., Abouhaswa, A.S., Rammah, Y.S.

[Gd₂O₃-doped calcium borophosphate glasses for optical and medical applications: experimental and theoretical studies](#)

(2024) Applied Physics A: Materials Science and Processing, 130 (11), art. no. 808, .

40) Eladawy, R.M., Ahmed, L.A., Salem, M.B., Hammam, O.A., Mohamed, A.F., Salem, H.A., El-Sayed, R.M.

[Impact of different gastric acid suppressants on chronic unpredictable mild stress-induced cognitive impairment in rats: A possible involvement of gut dysbiosis](#)

(2024) Toxicology and Applied Pharmacology, 492, art. no. 117126,

41) Mounier, N.M., Wahdan, S.A., Gad, A.M., Azab, S.S.

[Retraction note: Role of inflammatory, oxidative, and ER stress signaling in the neuroprotective effect of atorvastatin against doxorubicin-induced cognitive impairment in rats \(Naunyn-Schmiedeberg's Archives of Pharmacology, \(2021\), 394, 7, \(1537-1551\), 10.1007/s00210-021-02081-7\)](#)

(2024) Naunyn-Schmiedeberg's Archives of Pharmacology, 397 (11), p. 9203.

42) Alshehri, S.A., Abbas, H.A., Mahmoud, A.E.-R., Alshamari, A., Amin, H.Y., Sadeq, M.S.

[Structure-optical properties of CdO glass matrix with low levels of cobalt impurities](#)

(2024) Optical Materials, 157, art. no. 116123, .

43) Alshehri, S.A., Siddiq, H.A., Madkhali, M.M.M., Almotawa, R.M., Zayied, H.S.S., Abul-Magd, A.A.

[Optimization of structural, optical, and shielding properties of Ni²⁺/Ni³⁺-doped heavy metal borate glasses via La³⁺ doping](#)

(2024) Optical Materials, 157, art. no. 116169, .

44) Mohamed, D.H., Said, R.S., Kassem, D.H., Gad, A.M., El-Demerdash, E., Mantawy, E.M.

[Hesperidin attenuates radiation-induced ovarian failure in rats: Emphasis on TLR-4/NF-κB signaling pathway](#)

(2024) Toxicology and Applied Pharmacology, 492, art. no. 117111, .

45) Hussien, A.A., Salem, A.A., Sharshir, S.W., Nabil, T.

Sustainable seawater desalination through solar and wind energy integration with automated control:

Experimental investigation

(2024) Sustainable Energy Technologies and Assessments, 71, art. no. 103990, . Cited 4 times.

46) Alshehri, S.A., Almotawa, R.M., Sadeq, M.S., Alzahrani, J.A., Mahmoud, A.E.-R., Amin, H.Y.

Unlocking the secrets of colored glass: Structural-optical behaviors and non-linear optical properties of La^{3+} and Fe^{3+} ions-doped borates

(2024) Optical Materials, 157, art. no. 116008, . Cited 1 time.

47) Mahmoud, N.R., Kamal Eldin, M.H., Diab, M.H., Mahmoud, O.S., Fekry, Y.E.-S.

Computer guided versus freehand dental implant surgery: Randomized controlled clinical trial

(2024) Saudi Dental Journal, 36 (11), pp. 1472-1476.

48) Abbas, A.E.F., Gamal, M., Naguib, I.A., Halim, M.K., Said, B.A.M., Ghoneim, M.M., Mansour, M.M.A., Salem, Y.A.

Sustainable quantification of glycopyrronium, indacaterol, and mometasone along with two genotoxic impurities in a recently approved fixed-dose breezhaler formulations and biological fluids: A machine learning-augmented UV-spectroscopic approach

(2024) Microchemical Journal, 206, art. no. 111586, . Cited 3 times.

49) Maatouk, A., Amin, H.Y., Alshehri, S.A., Alzahrani, J.A., Alshamari, A., Sadeq, M.S.

Impact of SnO_2 doping on spectroscopic characteristics of the $\text{SnO}_2\text{-Na}_2\text{O-CoO-B}_2\text{O}_3$ borate glass matrix

(2024) Optical Materials, 157, art. no. 116021,

50) Bawazeer, O., Sadeq, M.S.

Cerium oxide-reinforced $\text{Fe}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2\text{-B}_2\text{O}_3$ glass matrix for protection against ionizing X and gamma rays

(2024) Ceramics International, 50 (21), pp. 44478-44493.

51) Alshehri, S.A., Maatouk, A., Almotawa, R.M., Basry, A.A.H., Abu El Hassan, S.M., Abul-Magd, A.A.

Influence of La³⁺ ions on the structural, elastic, optical, and radiation shielding properties of Cr₂O₃-Doped heavy metal glasses

(2024) Ceramics International, 50 (21), pp. 44467-44477. Cited 1 time.

52) Abou Taha, M.A., Ali, F.E.M., Saleh, I.G., Akool, E.-S.

Sorafenib and edaravone protect against renal fibrosis induced by unilateral ureteral obstruction via inhibition of oxidative stress, inflammation, and RIPK-3/MLKL pathway

(2024) Naunyn-Schmiedeberg's Archives of Pharmacology, 397 (11), pp. 8961-8977.

53) Badawi, G.A., Shokr, M.M., Elshazly, S.M., Zaki, H.F., Mohamed, A.F.

"Sigma-1 receptor modulation by clemastine highlights its repurposing as neuroprotective agent against seizures and cognitive deficits in PTZ-kindled rats"

(2024) European Journal of Pharmacology, 980, art. no. 176851, . Cited 1 time.

54) Anwar, M.M., Boseila, A.A., Mabrouk, A.A., Abdelkhalek, A.A., Amin, A.

Impact of Lyophilized Milk Kefir-Based Self-Nanoemulsifying System on Cognitive Enhancement via the Microbiota–Gut–Brain Axis

(2024) Antioxidants, 13 (10), art. no. 1205, . Cited 1 time.

55) Abu-Elfotuh, K., Abbas, A.N., Najm, M.A.A., Qasim, Q.A., Hamdan, A.M.E., Abdelrehim, A.B., Gowifel, A.M.H., Al-Najjar, A.H., Atwa, A.M., Kozman, M.R., Khalil, A.S., Negm, A.M., Mousa, S.N.M., Hamdan, A.M., Abd El-Rhman, R.H., Abdelmohsen, S.R., Tolba, A.M.A., Aboelsoud, H.A., Salahuddin, A., Darwish, A.

Neuroprotective effects of punicalagin and/or micronized zeolite clinoptilolite on manganese-induced Parkinson's disease in a rat model: Involvement of multiple pathways

(2024) CNS Neuroscience and Therapeutics, 30 (10), art. no. e70008, .

56) El-Hageen, H.M., Alfaifi, Y.H., Albalawi, H., Alzahmi, A., Alatwi, A.M., Ali, A.F., Mead, M.A.

Chaotic Zebra Optimization Algorithm for Increasing the Lifetime of Wireless Sensor Network

(2024) Journal of Network and Systems Management, 32 (4), art. no. 85,

57) Jabbour, S.K., Higgins, K.A., Yom, S.S., Goodman, K.A.

Recapping Radiation Related Abstracts at ASCO 2024: A Commentary about the Fundamental Role of Radiation Therapy in Esophageal and Lung Cancers

(2024) International Journal of Radiation Oncology Biology Physics, 120 (2), pp. 309-314.

58) Sanaeifar, F., Pourranjbar, S., Pourranjbar, M., Ramezani, S., Mehr, S.R., Wadan, A.-H.S., Khazeifard, F.

Beneficial effects of physical exercise on cognitive-behavioral impairments and brain-derived neurotrophic factor alteration in the limbic system induced by neurodegeneration

(2024) Experimental Gerontology, 195, art. no. 112539, .

59) Alsaif, N.A.M., Alfryyan, N., Al-Ghamdi, H., Kotb, S.M., Talaat, S., Abdelghany, A.M., Rammah, Y.S., Abouhaswa, A.S., Sadeq, M.S.

Structural, Physical, and Optical Characteristics and γ -Ray Protection Efficacy of Fluoroboro-Tellurite Glasses Reinforced with La^{3+} Ions

(2024) Journal of Electronic Materials, 53 (10), pp. 6575-6584. Cited 1 time.

60) Ellakwa, D.E.-S., Amr, K.S., Zaki, M.E., Refeat, M., Banksle, H.M.

Zinc finger 259 gene polymorphisms in Egyptian patients with metabolic syndrome and its association with dyslipidemia

(2024) Irish Journal of Medical Science, 193 (5), pp. 2313-2323. Cited 1 time.

61) Mansy, M.S., EL-Shamy, E.A., Fawzi Khalil, K., Essam Elawady, M., Abd El-Kader, H., Adly Malek, K.

Impact of natural aggregates and some industrial wastes on radiation shielding properties of heavyweight concrete: Experimental and theoretical study

(2024) Radiation Physics and Chemistry, 223, art. no. 112007, .

62) Binsaleh, A.Y., Ali, L.S., Bahaa, M.M., Elmasry, T.A., Negm, W.A., Hamouda, A.O., Salahuddin, M.M., Wahsh, E., El-samongy, M.A., Alsubaie, N., El-Khateeb, E., Yasser, M., Eltantawy, N.

Correlation between depression scores and serum NF- κ B/NLRP3 axis, biotinidase, and HMGB1 after treatment with isotretinoin in patients with acne vulgaris

(2024) Journal of Cosmetic Dermatology, 23 (10), pp. 3409-3417.

63) Ellakwa, D.E.-S., Rashed, L.A., El-Mandoury, A.A.-A., Younis, N.F.

Epigenetic alterations in preeclampsia: a focus on microRNA149 and tetrahydrofolate reductase gene polymorphisms in Egyptian women

(2024) Irish Journal of Medical Science, 193 (5), pp. 2363-2374. Cited 2 times.

64) Foppiani, J.A., Khaity, A., Al-Dardery, N.M., Hasan, M.T., El-Samahy, M., Lee, D., Abdelwahab, O.A., Abd-Alwahed, A.E., Khitti, H.M., Albakri, K., Lin, S.J.

Laser Therapy in Hypertrophic and Keloid Scars: A Systematic Review and Network Meta-analysis

(2024) Aesthetic Plastic Surgery, 48 (19), pp. 3988-4006. Cited 1 time.

65) Abbass, H.S., Hegazy, M.M., kedra, T.A., Ahmed, A.H., Abu Bakr, M.S., Elkousy, R.H., El Deeb, S., Abo Elmaaty, A., Alrashdi, Y.B.A., Ibrahim, A.E., Al-Harrasi, A., El-Hela, A.A.

Polypogon monspeliensis Hepatoprotective Attributes: UHPLC/QTOF-MS/MS Metabolite Profiling and In Vitro and In Silico Studies

(2024) Revista Brasileira de Farmacognosia, 34 (5), pp. 1050-1058.

66) Ali, A.O.M., Khalaf-Allah, H.M.M., Hegazy, M.M., Alabssawy, A.N.

Morphological and Histological Adaptations for Retinal Structure in Eyes of the Amphibious Fish, *Alticus kirkii* and the Non-Amphibious Fish, *Gambusia affinis*

(2024) Egyptian Journal of Aquatic Biology and Fisheries, 28 (5), pp. 1457-1469.

67) Mokhtar, H.I., Abd El-Fadeal, N.M., El-Sayed, R.M., Hegazy, A., El-Kherbetawy, M.K., Hamad, A.G., ElSayed, M.H., Zaitone, S.A.

Computational Analysis and Experimental Data Exploring the Role of Hesperetin in Ameliorating ADHD and SIRT1/Nrf2/Keap1/OH-1 Signaling

(2024) International Journal of Molecular Sciences, 25 (17), art. no. 9284, . Cited 1 time.

68) Attia, Y.M., Mokhlis, H.A., Ismail, A., Doghish, A.S., Sobhy, M.H., Hassanein, S.S., El-Dakroury, W.A., Mariee, A.D., Salama, S.A., Sharaky, M.

2-methoxyestradiol sensitizes tamoxifen-resistant MCF-7 breast cancer cells via downregulating HIF-1 α

(2024) Medical Oncology, 41 (9), art. no. 232, . Cited 2 times.

- 69) Farag, F.S.A.-A., El-Mordy, F.M.A., Ibrahim, M.H., Gad, E.S., Soliman, R.H.M., Anwar, H.M.
[Thunbergia's Flowers Secondary Metabolites a Natural Armor Against Kidney Damage by Diclofenac](#)
(2024) Cell Biochemistry and Biophysics, 82 (3), pp. 2813-2825.
- 70) Soliman Wadan, A.-H., Abdelsattar Ahmed, M., Hussein Ahmed, A., El-Sayed Ellakwa, D., Hamed Elmoghazy, N., Gawish, A.
[The Interplay of Mitochondrial Dysfunction in Oral Diseases: Recent Updates in Pathogenesis and Therapeutic Implications](#)
(2024) Mitochondrion, 78, art. no. 101942,
- 71) Alghamdi, A.A., Sadeq, M.S., Abdel-Fattah, E., Qutub, M.A.Z., Abdo, M.A.
[Cr-substituted Mn-Zn ferrite nanoparticles: A study of optical, photocatalytic degradation, and radiation shielding evolution](#)
(2024) Optical Materials, 155, art. no. 115904, . Cited 1 time.
- 72) de Medeiros Melo Neto, O., Azam, A., da Silva, J.L.M., Diniz, M.I.L., Youssef, A.
[Impact of sustainable additives on the thickness of the wearing course in flexible pavements: a comparison between design methodologies in Brazil](#)
(2024) Innovative Infrastructure Solutions, 9 (9), art. no. 336,
- 73) Raza, A., Mushtaq, N., Jabbar, A., El-Sayed Ellakwa, D.
[Antimicrobial peptides: A promising solution to combat colistin and carbapenem resistance](#)
(2024) Gene Reports, 36, art. no. 101935, . Cited 1 time.
- 74) Mabrouk, I., Mahmoud, M.H., Bushnaq, M.M.
[The process of rehabilitating reinforced concrete slabs using various materials such as steel bars, steel plates, textiles, and different types of geogrids](#)
(2024) Asian Journal of Civil Engineering, 25 (6), pp. 4591-4617.
- 75) Rashad, M.G., Arafa, M.M., El-Zanaty, A.E.I., El-Saeed Lasheen, M., El-Ashram, S.A., Al-Olayan, E.M., Hegazy, M.M., Farouk, M.H.
[Dietary chamomile flowers extract improved performance and mitigated aflatoxin B1 toxicity in rabbits](#)
(2024) Journal of Animal Physiology and Animal Nutrition, 108 (5), pp. 1348-1359. Cited 1 time.

76) Khedr, A.A.F., Alshehri, S.A., Abul-Magd, A.A.

Environmental influences of La^{3+} ions on the structural, ligand field, and optical characteristics of $\text{Mn}^{2+}/\text{Mn}^{3+}$ ions inside heavy metal borate glass

(2024) Journal of Alloys and Compounds, 996, art. no. 174784, . Cited 3 times.

77) Badawy, A.M., Eltamany, E.E., Hussien, R.M., Mohamed, O.G., El-Ayouty, M.M., Nafie, M.S., Tripathi, A., Ahmed, S.A.

Cornulacin: a new isoflavone from *Cornulaca monacantha* and its isolation, structure elucidation and cytotoxicity through EGFR-mediated apoptosis

(2024) RSC Medicinal Chemistry, 15 (9), pp. 3228-3238.

78) Badawy, A.M., Donia, M.S.M., Hamdy, N.G., El-Ayouty, M.M., Mohamed, O.G., Darwish, K.M., Tripathi, A., Ahmed, S.A.

Dual SARS-CoV-2 and MERS-CoV inhibitors from *Artemisia monosperma*: isolation, structure elucidation, molecular modelling studies, and in vitro activities

(2024) Organic and Biomolecular Chemistry, 22 (34), pp. 7006-7016.

79) El-Ayouty, M.M., Eltahawy, N.A., Abd EL-Sameaa, A.M., Badawy, A.M., Darwish, K.M., Elhady, S.S., Shokr, M.M., Ahmed, S.A.

In vivo determination of analgesic and anti-inflammatory activities of isolated compounds from *Cleome amblyocarpa* and molecular modelling for the top active investigated compounds

(2024) RSC Advances, 14 (34), pp. 24503-24515.

80) Ramsis, T., Refat M. Selim, H.M., Elseedy, H., Fayed, E.A.

The role of current synthetic and possible plant and marine phytochemical compounds in the treatment of acne

(2024) RSC Advances, 14 (33), pp. 24287-24321.

81) Abdel-Kareem, N.M., Elshazly, S.M., Abd El Fattah, M.A., Aldahish, A.A., Zaitone, S.A., Ali, S.K., Abd El-Haleim, E.A.

Nifedipine Improves the Ketogenic Diet Effect on Insulin-Resistance-Induced Cognitive Dysfunction in

Rats

(2024) Pharmaceuticals, 17 (8), art. no. 1054,

82) Gouda, A.M., Sileem, A.E., Elnahas, H.M., Tawfik, A.E., Eid, R.A., Shati, A.A., Al-Qahtani, S.M., Dawood, S.A., Alshehri, M.A., Eissa, M., Soltan, M.A., Noreldin, A.E., Elwishahy, A.H., Negm, E.M.

[Exploring Ventilator-Associated Pneumonia: Microbial Clues and Biomarker Insights from a Retrospective Study](#)

(2024) Medicina (Lithuania), 60 (8), art. no. 1346, .

83) Ezz El Deen, N.M., Karem, M., El Borhamy, M.I., Hanora, A.M.S., Fahmy, N., Zakeer, S.

[Multivariate Analysis and Correlation Study Shows the Impact of Anthropometric and Demographic Variables on Gut Microbiota in Obese Egyptian Children](#)

(2024) Current Microbiology, 81 (8), art. no. 259, .

84) Alshehri, S.A., Maatouk, A., Almotawa, R.M., Sadeq, M.S., Amin, H.Y.

[La₃+adjusted optical and ligand field parameters in low CoO impurities Na₂O–ZnO borate glass matrix](#)

(2024) Optical Materials, 154, art. no. 115707, . Cited 3 times.

85) Al-Ghamdi, H., Alfryyan, N., Alsaif, N.A.M., Sadeq, M.S., Abdelghany, A.M., Rammah, Y.S., Abouhaswa, A.S.

[B₂O₃+SiO₂+BaO+Sm₂O₃+Na₂O+MoO₃ glasses: Preparation, optical, physical characteristics as well as γ-ray absorption ability](#)

(2024) Optical Materials, 154, art. no. 115719, .

86) Hassan, N.F., El-Ansary, M.R., Selim, H.M.R.M., Ousman, M.S., Khattab, M.S., El-Ansary, M.R.M., Gad, E.S., Moursi, S.M.M., Gohar, A., Gowifel, A.M.H.

[Alirocumab boosts antioxidant status and halts inflammation in rat model of sepsis-induced](#)

(2024) Biomedicine and Pharmacotherapy, 177, art. no. 116929, . Cited 3 times.

87) Alghamdi, A.A., Sadeq, M.S., Maatouk, A., Almotawa, R.M., Abdo, M.A.

[Ce₃+ doped zinc manganese ferrite nanoparticles: Tuned mechanical, dielectric and radiation shielding characteristics](#)

(2024) Optical Materials, 154, art. no. 115631, . Cited 6 times.

- 88) Youssef, H., Gönül, M.N., Sobeeh, M.G., Akar, K., Feys, P., Cuypers, K., Vural, A.**
[Response to Letter to the Editor: “Is High-Intensity Interval Training More Effective Than Moderate Continuous Training in Rehabilitation of Multiple Sclerosis: A Comprehensive Systematic Review and Meta-analysis”](#)
 (2024) Archives of Physical Medicine and Rehabilitation, 105 (8), pp. 1601-1602.
- 89) Salem, E.M., Dawaba, H.M., Elbaset, M.A., Gad, S., Hassan, T.H.**
[Optimizing bioavailability and antihypertensive activity of Carvedilol cubosomes using D-optimal design: Comparative analysis of Cremophor RH 40 and Polyvinyl alcohol as secondary stabilizers](#) (2024) Journal of Drug Delivery Science and Technology, 97, art. no. 105817, .
- 90) Ellakwa, D.E.-S., Mushtaq, N., Khan, S., Jabbar, A., Abdelmalek, M.A., Wadan, A.-H.S., Ellakwa, T.E., Raza, A.**
[Molecular functions of microRNAs in colorectal cancer: recent roles in proliferation, angiogenesis, apoptosis, and chemoresistance](#)
 (2024) Naunyn-Schmiedeberg's Archives of Pharmacology, 397 (8), pp. 5617-5630.
 Cited 8 times.
- 91) Youssef, H., Gönül, M.N., Sobeeh, M.G., Akar, K., Feys, P., Cuypers, K., Vural, A.**
[Is High-Intensity Interval Training More Effective Than Moderate Continuous Training in Rehabilitation of Multiple Sclerosis: A Comprehensive Systematic Review and Meta-analysis](#)
 (2024) Archives of Physical Medicine and Rehabilitation, 105 (8), pp. 1545-1558. Cited 7 times.
- 92) Abdellatef, E., Allah, M.I.F.**
[Hybrid Whale Optimization and Canonical Correlation based COVID-19 Classification Approach](#)
 (2024) Multimedia Tools and Applications, 83 (26), pp. 67421-67442. Cited 3 times.
- 93) Arab, H.H., Alsufyani, S.E., Ashour, A.M., Gad, A.M., Elhemiely, A.A., Gadelmawla, M.H.A., Mahmoud, M.A., Khames, A.**
[Targeting JAK2/STAT3, NLRP3/Caspase-1, and PK2/PKR2 Pathways with Arbutin Ameliorates Lead Acetate-Induced Testicular Injury in Rats](#)
 (2024) Pharmaceuticals, 17 (7), art. no. 909, .

- 94) Filali, D., Shqair, M., Alghamdi, F.A., Ismaeel, S., Hagag, A.
Solving a Novel System of Time-Dependent Nuclear Reactor Equations of Fractional Order
(2024) Symmetry, 16 (7), art. no. 831, .
- 95) Mohammed, E.J., Abdelaziz, A.E.M., Mekky, A.E., Mahmoud, N.N., Sharaf, M., Al-Habibi, M.M.,
Khairy, N.M., Al-Askar, A.A., Youssef, F.S., Gaber, M.A., Saied, E., AbdElgayed, G., Metwally,
S.A., Shoun, A.A.
Biomedical Promise of Aspergillus Flavus-Biosynthesized Selenium Nanoparticles: A Green
Synthesis Approach to Antiviral, Anticancer, Anti-Biofilm, and Antibacterial Applications
(2024) Pharmaceuticals, 17 (7), art. no. 915, . Cited 3 times.
- 96) Mekky, A.E., Saied, E., Abdelmouty, E.S., Haggag, M.I., Khedr, M., Khalel, A.F., Al-Habibi, M.M.,
Metwally, S.A., El Askary, A., Mohammad, A.M., Alshehri, W.A., Sharahili, A.I., Khairy, N.M.,
Abdelaziz, A.E.M., Mahmoud, N.N.
Phytochemical Analysis of Centaurea calcitrapa L. Aerial Flowering Parts Serial Solvent Extracts
and Its Antibacterial and Antioxidant Activities
(2024) Life, 14 (7), art. no. 900,
- 97) Amer, A.A., Hegazy, M.M., Zhuran, M., Elhosainy, A., Safwat, N.A., El-Hela, A.
Evaluation and isolation of anti-cancer compounds from the endophytic fungus Penicillium
funiculosum isolated from Persicaria salicifolia (Brouss. Ex Willd.) seeds growing in Egypt
(2024) Egyptian Pharmaceutical Journal, 23 (3), pp. 544-554.
- 98) Salem, B.I., El-Sbakh, F.S., Abdel-Ati, M.I., Hemeda, O.M.
Controlling the physical properties of $\text{Ni}_{1-x}\text{Mn}_x\text{Fe}_2\text{O}_4$ multiferroic by the enhancement of
ferroelectric phase through the increase of Mn content
(2024) Solid State Sciences, 153, art. no. 107575,
- 99) Elkelany, E.A., Mahmoud, A.E.-R., Abd El-Fattah, Z.M., Farouk, M., Hassan, M.A.
Effect of B_2O_3 content on the structural and optical properties of $(\text{Ba}_{0.85}\text{Ca}_{0.15})(\text{Ti}_{0.9}\text{Zr}_{0.1})\text{O}_3$
glass
(2024) Optical Materials, 153, art. no. 115536, . Cited 1 time.

- 100)** Abdelhameid, M.K., Taher, E.S., Hara, M.A., Ramadan, M., Mohamed, K.O.
Discovery of novel octahydroquinazoline scaffolds endowed with dual inhibition of tubulin polymerization/Eg5 against HCC: Apoptotic and radio-chemotherapeutic studies
(2024) Bioorganic Chemistry, 148, art. no. 107449, .
- 101)** Abu-Khadra, A.S., Basry, A.A., Abdel Reheim, M.A.M., Ellakwa, T.E., Alshehri, S.A., Afify, A.S., AbuelHassan, S.M.
Sulfanilamide and 2-hydroxy acetophenone driven Schiff base metal complex synthesizing, identification, and promising bioactivity
(2024) Applied Organometallic Chemistry, 38 (7), art. no. e7491, . Cited 1 time.
- 102)** Babeer, A.M., Amin, H.Y., Sayyed, M.I., Mahmoud, A.E.-R., Sadeq, M.S.
Effect of mixed rare earth cations on structure, optical, mechanical and radiation shielding parameters of Na₂O–B₂O₃ glass
(2024) Radiation Physics and Chemistry, 220, art. no. 111661, . Cited 8 times.
- 103)** Alghamdi, A.A., Sadeq, M.S., Abdo, M.A.
Sm³⁺ doping-adjusted mechanical, dielectric, and radiation shielding properties of cobalt copper nanoferrites
(2024) Ceramics International, 50 (12), pp. 20936-20948. Cited 10 times.
- 104)** Ismail, A.H., Ali, Z.H., Abdellatef, E., Sakr, N.A., Sedhom, G.G.
Congestion Management Using K-Means for Mobile Edge Computing 5G System
(2024) Wireless Personal Communications, 136 (4), pp. 2105-2124. Cited 1 time.
- 105)** Aboulnaga, M., Abouaiana, A., Puma, P., Elsharkawy, M., Farid, M., Gamal, S., Lucchi, E.
Climate Change and Cultural Heritage: A Global Mapping of the UNESCO Thematic Indicators in Conjunction with Advanced Technologies for Cultural Sustainability
(2024) Sustainability (Switzerland), 16 (11), art. no. 4650, . Cited 7 times.

- 106)** Abd El wahab, M.M., Saad, S., Sheribah, Z.A., El-Enany, N.
A green micelle-enhanced first derivative synchronous fluorescence approach for determination of donepezil HCl and trazodone HCl in their pure state, pharmaceutical dosage form and spiked human plasma
(2024) Luminescence, 39 (6), art. no. e4797, .
- 107)** Aladim, A.K., Bakry, A.M., El-Sherif, L.S., Hassaballa, S., Ibrahim, A., Qasem, A., Moustafa, M.G.
Transparent titanium ions doped lead-borate glasses with optimized persistent optical features for optoelectronic applications
(2024) Optical Materials, 152, art. no. 115404, . Cited 4 times.
- 108)** Mohammad, S.I., Aldosari, B.N., Mehanni, M.M., El-Gendy, A.O., Hozayen, W.G., Afzal, O., Zaki, R.M., Sayed, O.M.
Fabrication and application of targeted ciprofloxacin nanocarriers for the treatment of chronic bacterial prostatitis
(2024) International Journal of Pharmaceutics: X, 7, art. no. 100247, . Cited 1 time.
- 109)** Alfryyan, N., Alsaif, N.A.M., Al-Ghamdi, H., Issa, S.A.M., Zakaly, H.M.H., El-Hamalawy, A.A., Sadeq, M.S., Abdelghany, A.M., Rammah, Y.S.
Investigation of borate glasses reinforced with iron (III) oxide [Fe₂O₃]: Preparation, physical, UV–Vis properties and γ-ray attenuation efficacy
(2024) Optical Materials, 152, art. no. 115424, . Cited 1 time.
- 110)** Alsaif, N.A.M., Alfryyan, N., Al-Ghamdi, H., Abdelghany, A.M., Sadeq, M.S., Abouhaswa, A.S., Alanazi, A.M., Rammah, Y.S.
Development of CeO₂-doped borophosphate glasses: fabrication, structure and linear/nonlinear optical characteristics for optical purposes
Optical and Quantum Electronics, 56 (6), art. no. 950, . Cited 1 time.
- 111)** Boseila, A.A., Ghareeb, A.Z., AbdElwahab, M.G., Seadawy, M.G., Al-Karmalawy, A.A., Yassa, N.W., Ghareeb, D.A.
Throat spray formulated with virucidal pharmaceutical excipients as an effective early prophylactic or treatment strategy against pharyngitis post-exposure to SARS-CoV-2
(2024) European Journal of Pharmaceutics and Biopharmaceutics, 199, art. no. 114279, Cited 1 time.

- 112) **Babeer, A.M., Amin, H.Y., Sayyed, M.I., Mahmoud, A.E.-R., Abdo, M.A., Ellakwa, T.E., Sadeq, M.S.**
Impact of mixed heavy metal cations (Ba and Bi) on the structure, optical and ionizing radiation shielding parameters of $\text{Bi}_2\text{O}_3\text{--BaO--Fe}_2\text{O}_3\text{--SrO--B}_2\text{O}_3$ glass matrix
(2024) *Ceramics International*, 50 (11), pp. 19245-19258. Cited 10 times.
- 113) **Salem, Y.A., El-Sayed, S.M., El-Masry, A.A.**
Whiteness and greenness appraisal approaches for quantitative determination of recently approved combination of indacaterol and mometasone via utilization of nuclear magnetic resonance technique
(2024) *Sustainable Chemistry and Pharmacy*, 39, art. no. 101522, . Cited 4 times.
- 114) **Abdelwahab, O.A., Abdelaziz, A., Diab, S., khazragy, A., Elboraay, T., Fayad, T., Diab, R.A., Negida, A.**
Efficacy of different routes of vitamin B12 supplementation for the treatment of patients with vitamin B12 deficiency: A systematic review and network meta-analysis
(2024) *Irish Journal of Medical Science*, 193 (3), pp. 1621-1639. Cited 3 times.
- 115) **AL-Nemr, A., Kora, A.N.**
Effect of core stabilization versus rebound therapy on balance in children with cerebral palsy
(2024) *Acta Neurologica Belgica*, 124 (3), pp. 843-851.
- 116) **Babeer, A.M., Amin, H.Y., Sayyed, M.I., Mahmoud, A.E.-R., Sadeq, M.S.**
Impact of glass matrix $\text{Sb}_2\text{O}_3\text{--NiO--Na}_2\text{O--B}_2\text{O}_3$ on the structure, optical, ligand field characteristics and radiation shielding parameters of borate glass system
(2024) *Ceramics International*, 50 (10), pp. 17439-17451. Cited 5 times.
- 117) **Hussein, M., Siddiq, A., Ismail, H.M., Mansy, N., Ellakwa, D.E.-S., Nassif, M., Hussein, A.A., Abdullah Alzedaar, J.K., Iloanusí, C.A., Omran, M.O., Rourou, K.M., Suvvari, T.K., Yazbek, S., Ghazy, R.M.**
Cross-Country Discrepancies in Monkeypox Vaccine Hesitancy among Postgraduate and Undergraduate Medical Students
Disaster Medicine and Public Health Preparedness, 18, art. no. e82, . Cited 1 time.

- 118) Khodear, G.A.M., Eldeen, M.A., Abdulsahib, W.K., Dawood, S.A., Alshehri, M.A., Alarabi, T.G.M., Mohammed, A.N.A., Awaad, A.K., Eid, R.A., Akl, M.A., Zaki, M.S.A., Mahran, N.A.

Unveiling Berberine's Potential for Hepatocellular Carcinoma: Empowered by Molecular Docking-Driven Nanoparticle Enhancement

(2024) Journal of Biological Regulators and Homeostatic Agents, 38 (5), pp. 4465 4476.

- 119) El-Monem, M.A., Khairy, M., Mahmoud, K.G., Abdel-Ghany, A.M., Ebnalwaled, A.A., Ibrahim, E.M.M.

Fabrication of nickel oxide-titanium dioxide/reduced graphene oxide nanocomposites for developing asymmetric supercapacitor

(2024) Journal of Materials Science, 59 (20), pp. 8987-9002. Cited 1 time.

- 120) Golam, R.M., Khalil, M.A.F., Shaker, O.G., Ahmed, T.I., Abd Elguaad, M.K., Hassan, E.A., El-Ansary, M.R.M., Ismail, A., Kandil, Y.I., Mohammed, O.A., Doghish, A.S.

The clinical significance of long non-coding RNAs MALAT1 and CASC2 in the diagnosis of HCV-related hepatocellular carcinoma

(2024) PLoS ONE, 19 (5 May), art. no. e0303314, . Cited 3 times.

- 121) Abdel-Maged, A.E., Mikhaeil, M.F., Elkordy, A.I., Gad, A.M., Elshazly, M.M.

Biosimilars production in Africa opportunities & challenges

(2024) Regulatory Toxicology and Pharmacology, 149, art. no. 105626, .

- 122) Ellakwa, D.E.-S., Elsheikh-Hassan, A.F., Ellakwa, T.E., Abdelmalek, M.A.

Recent update on future therapeutic strategies for COVID-19 vaccination with omicron variant

(2024) Human Gene, 40, art. no. 201281, . Cited 1 time.

- 123) Alqarni, A.M., Mostafa, A., Shaaban, H., Mokhtar, H.I., Aseeri, A., Alkarshami, B., Alonaizi, S., Alrafidi, R.D., Aseeri, A.A., Alrofaidi, M.A.

Air-agitated liquid-liquid microextraction method based on solidification of a floating organic droplet (AALLME-SFO) followed by UPLC-MS/MS for trace analysis of steroids in water samples: Assessment of the method environmental impact using Analytical Eco-Scale, green Analytical procedure Index and the Analytical GREENness metric

(2024) Microchemical Journal, 200, art. no. 110244, . Cited 3 times.

- 124) Sadeq, M.S., Hassan, N.M., El-Saftawy, A.A., Sedqy, E.M.
[Studies of chemical bonds loss and optical modifications of CR-39 caused by gamma rays](#)
(2024) Radiation Physics and Chemistry, 218, art. no. 111537, . Cited 2 times.
- 125) Moawad, M.H.E.D., Al-Jafari, M., Taha, A.M., A'amar, J.W., Alsayed, O., Fayad, T.,
Sadeq, M.A., Albakri, K., Serag, I.
[Neuro-oncological research output in Africa: a scoping review of primary brain tumors](#)
(2024) Neurological Sciences, 45 (5), pp. 1945-1951.
- 126) Ezzeldien, M., Sadeq, M.S., Al-Boajan, A.M., Al Souwaileh, A.M., Alrowaili, Z.A.,
Almasoudi, A., Amin, H.Y.
[Impact of TiO₂/B₂O₃ ratio on the structure and optical properties of Na₂O–CoCl₂–TiO₂–B₂O₃ glass](#)
(2024) Ceramics International, 50 (8), pp. 12678-12689. Cited 9 times.
- 127) Fayed, E.A., Thabet, A., El-Gilil, S.M.A., Elsanhory, H.M.A., Ammar, Y.A.
[Fluorinated thiazole–thiosemicarbazones hybrids as potential PPAR-γ agonist and α-amylase, α-glucosidase antagonists: Design, synthesis, in silico ADMET and docking studies and hypoglycemic evaluation](#)
(2024) Journal of Molecular Structure, 1301, art. no. 137374, . Cited 6 times.
- 128) Abdelgaleel, M., Ahmed AbdelAziz, E., Mosalam, H., Kabeel, A.E., Alswat, M., Ramzy, K.
[Investigation on the performance of modified solar distillation system using different composite materials: An experimental and theoretical study](#)
(2024) Solar Energy, 272, art. no. 112469, . Cited 4 times.
- 129) Sadeq, M.S., Sallam, O.I., Sedqy, E.M.
[Shielding parameters and optical stability of sodium alumino-borate glasses against gamma rays by iron oxide additives](#)
(2024) Optical Materials, 150, art. no. 115234, . Cited 3 times.
- 130) Fathy, E.M., Basiouny, M.E., AboSiada, O.A.
[Hybrid Baffled Flocculator in Benha Water Treatment](#)
(2024) Water, Air, and Soil Pollution, 235 (4), art. no. 216, .

131) Reda, N., Mohamed, K.O., Abdou, K., Helwa, A.A., Elshewy, A.

Novel Pyrimidine-5-Carbonitriles as potential apoptotic and antiproliferative agents by dual inhibition of EGFRWT/T790M and PI3k enzymes; Design, Synthesis, biological Evaluation, and docking studies

(2024) Bioorganic Chemistry, 145, art. no. 107185, . Cited 1 time.

132) Al-Ghamdi, H., Alsaif, N.A.M., El-Refaey, A.M., Elsad, R.A., Shams, M.S., Rammah, Y.S., Shaaban, S.M., Abouhaswa, A.S., Sadeq, M.S.

Impact of erbium oxide on structure, linear and nonlinear optical properties of bismo-borate glass systems for using in optical applications

(2024) Optical and Quantum Electronics, 56 (4), art. no. 664, . Cited 1 time.

133) Ibrahim, N.S.M., Kadry, H.H., Zaher, A.F., Mohamed, K.O.

Review: synthesis and anticancer activity of pyrimido[4,5-b]quinolines in the last twenty years

(2024) Chemical Papers, 78 (5), pp. 2729-2755. Cited 3 times.

134) Matarneh, S., Elghaish, F., Pour Rahimian, F., Abdellatef, E., Abrishami, S.

Evaluation and optimisation of pre-trained CNN models for asphalt pavement crack detection and classification

(2024) Automation in Construction, 160, art. no. 105297, . Cited 9 times.

135) Babeer, A.M., Elkelany, E.A., Mahmoud, A.E.-R., Amin, H.Y.

An investigation of the structural-optical properties of Ni²⁺- bearing borate glass by Li₂O addition

(2024) Optical and Quantum Electronics, 56 (4), art. no. 587, . Cited 6 times.

136) Bawazeer, O., Sadeq, M.S.

Sm₂O₃ doping-adjusted radiation shielding properties and optical stability under sunlight irradiation of

B₂O₃-Na₂O-Sm₂O₃-Fe₂O₃ glass

(2024) Radiation Physics and Chemistry, 217, art. no. 111471, . Cited 6 times.

137) Fawzy, K., Mahmoud, H.A.K., Selim, M., Kotb, K.F.

Overview of the punching capacity of the flat slab under reversed cyclic loading and methods of improvement

(2024) Asian Journal of Civil Engineering, 25 (3), pp. 2641-2652. Cited 1 time.

- 138)** El-Abassy, O.M., Maged, K., El-Henawee, M.M., Abd El-Hay, S.S.
Development of eco-friendly spectrophotometric methods for analysis of metformin hydrochloride and linagliptin in presence of metformin toxic impurity in their pure and dosage forms: Validation, practicality and greenness studies
(2024) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 309, art. no. 123844, .
Cited 4 times.
- 139)** Wassel, A.R., Mansour, S.A., Mohamed, F.M., El-Mahalawy, A.M.
Exploration of doping-dependent structural, optical, and electrical properties of thermally evaporated CdSe thin films for improved photodetection performance
(2024) Journal of Alloys and Compounds, 976, art. no. 173052, . Cited 5 times.
- 140)** Eid, R.A., Elgendy, M.O., Sayed, A.M., Abdallah, A.M., Mostafa, H.M.A., Elsisy, A.M.M., Hamed, A.M., Shaker, M.A.
Efficacy of Linezolid in the management of pneumonic COVID-19 patients. Bioinformatics-based clinical study
(2024) Journal of Infection in Developing Countries, 18 (3), pp. 326-331. Cited 2 times.
- 141)** Abbas, A.M., Nasrallah, H.H., Aboelmagd, A., Kishk, S.M., Boyd, W.C., Kalil, H., Orabi, A.S.
Design, Synthesis, Anti-Inflammatory Activity, DFT Modeling and Docking Study of New Ibuprofen Derivatives
(2024) International Journal of Molecular Sciences, 25 (6), art. no. 3558, . Cited 4 times.
- 142)** Alshaman, R., Kolieb, E., El-Sayed, R.M., Gouda, S.G., Alattar, A., Zaitone, S.A., Abdelmaogood, A.K.K., Elabbasy, L.M., Eltrawy, A.H., Sayd, F.Y., Mokhtar, H.I., Wafa, E.G.A.E., Ahmed, E.S., Liang, D., Ali, D.A.
Computational and Experimental Approaches Exploring the Role of Hesperetin in Improving Autophagy in Rat Diabetic Retinopathy
(2024) Biomedicines, 12 (3), art. no. 552, . Cited 2 times.
- 143)** Hijazi, A.-H., Al-Hamed, F.S., Tamimi, F., Al-Maweri, S.A., Hamdan, N., Psutka, D.J., Ta, P., Klieb, H.
Regenerative potential of platelet concentrates in chronic oral mucosal lesions
(2024) Journal of Oral Biology and Craniofacial Research, 14 (2), pp. 216-221.

- 144) Babeer, A.M., Amin, H.Y., Sayyed, M.I., Mahmoud, A.E.-R., Sadeq, M.S.
Composition influence of La_2O_3 on the structural and radiation shielding features of $\text{CoO-Na}_2\text{O-ZnO-B}_2\text{O}_3$ glass matrix
(2024) Optical Materials, 149, art. no. 115131, . Cited 3 times.
- 145) Sadeq, M.S., El-Daly, A.A., Mosaad, S., Ibrahim, A.H.
The linear and nonlinear optical variations in Na_2O -rich borosilicate glass doped with constant CrO_3 content
(2024) Optical Materials, 149, art. no. 115106, . Cited 2 times.
- 146) Sobeeh, M.G., Hassan, K.A., Silva, A.G., Bruehl, S.
Impact of different CRPS phenotypes and diagnostic criteria on quantitative sensory testing outcomes: systematic review and meta-analysis
(2024) Pain Medicine (United States), 25 (3), pp. 211-225. Cited 1 time.
- 147) Amin, H.Y., Samir, A., Hassan, M.A., Ahmad, F., Saeed, A., Sadeq, M.S.
Environmental influences of BaO on structure and ligand field parameters of Co^{2+} inside $\text{K}_2\text{O-AL}_2\text{O}_3\text{-CoO-BaO-B}_2\text{O}_3$ glass
(2024) Optical Materials, 149, art. no. 115056, . Cited 6 times.
- 148) Eldin, Z.E., Dishisha, T., Sayed, O.M., Salama, H.M., Farghali, A.
A novel synergistic enzyme-antibiotic therapy with immobilization of mycobacteriophage Lysin B enzyme onto Rif@UiO-66 nanocomposite for enhanced inhaled anti-TB therapy;
Nanoenzybiotics approach
(2024) International Journal of Biological Macromolecules, 262, art. no. 129675, . Cited 4 times.
- 149) Hamed, M.O.A., El-Desouky, M.A., Matboli, M., Elhakim, H.K.A., Mahran, N.A.
Anti-inflammatory Influence of Trans-anethole on The Cardiac Regenerative Capacity in Myocardial Ischemia/Reperfusion Injuries
(2024) Egyptian Journal of Chemistry, 67 (3), pp. 309-321.
- 150) Alsaif, N.A.M., Al-Ghamdi, H., El-Refaey, A.M., Sadeq, M.S., Shams, M.S., Shaaban, S.M., Mesalam, Y.I., Ahmed, E.M., Rammah, Y.S., Salem, A.I., Elsad, R.A.
Synthesis, structural, optical properties and dielectric spectroscopy of nickel-doped lead borate glasses
(2024) Optical and Quantum Electronics, 56 (3), art. no. 383, . Cited 1 time.

151) Babeer, A.M., Amin, H.Y., Sayyed, M.I., Mahmoud, A.E.-R., Sadeq, M.S.

Impact of the As₂O₃/B₂O₃ ratio on the structure and optical features of As₂O₃-NiO-Na₂O-B₂O₃ glass

(2024) Ceramics International, 50 (5), pp. 8409-8420. Cited 6 times.

152) Sobeeh, M.G., Benmelouka, A., Metwally, E., Abuhassira, M.J., Abdeljalil, A.M., Nasr, S.A., El-Helw, G.O., Doheim, M.F.

Altered brain function and structure in carpal tunnel syndrome: a systematic review and meta-analysis of structural and functional brain imaging

(2024) Brain Structure and Function, 229 (2), pp. 257-272.

153) Ibrahim, N.S.M., Kadry, H.H., Zaher, A.F., Mohamed, K.O.

Synthesis of novel pyrimido[4,5-b]quinoline derivatives as dual EGFR/HER2 inhibitors as anticancer agents

(2024) Archiv der Pharmazie, 357 (3), art. no. 2300513, . Cited 2 times.

154) Nabil, M., Hasan, M.M., Shebl, E.A.E.

Effect of antioxidant on tooth sensitivity after bleaching

(2024) Journal of Esthetic and Restorative Dentistry, 36 (3), pp. 429-436.

155) Pripdeevech, P., Khruengsai, S., Tanapichatsakul, C., Afifi, W.M., Sum, W.C., Hyde, K.D., Ebada, S.S.

Cytotoxic Polyhydroxy-Isoprenoids from *Neodidymeliopsis negundinis*

(2024) Journal of Natural Products, 87 (2), pp. 349-357. Cited 2 times.

156) Alaa Eldeen, M., Mamdouh, F., Abdulsahib, W.K., Eid, R.A., Alhanshani, A.A., Shati, A.A., Alqahtani, Y.A., Alshehri, M.A., Samir A. Zaki, M., Soltan, M.A., Noreldin, A.E.

Oncogenic Potential of Replication Factor C Subunit 4: Correlations with Tumor Progression and Assessment of Potential Inhibitors

(2024) Pharmaceuticals, 17 (2), art. no. 152, . Cited 1 time.

157) Ibrahim, A.M., Azam, M.S., Schneewind, O., Missiakas, D.

Processing of LtaS restricts LTA assembly and YSIRK preprotein trafficking into *Staphylococcus aureus* cross-walls

(2024) mBio, 15 (2), . Cited 1 time.

- 158) Qushawy, M., Soliman, G.M., Mortagi, Y., El-Sherbiny, M., Elsherbiny, N.
Development, optimization, and assessment of losartan nano-bilosomes to mitigate diabetes-induced microvascular complications in Sprague Dawley rats
(2024) Journal of Drug Delivery Science and Technology, 92, art. no. 105295, . Cited 5 times.
- 159) Babeer, A.M., Amin, H.Y., Mahmoud, A.E.-R., Sadeq, M.S.
Influence of the La_2O_3 addition on the structure and optical features of $\text{La}_2\text{O}_3\text{-NiO-BaO-B}_2\text{O}_3$ glass
(2024) Ceramics International, 50 (3), pp. 5604-5613. Cited 10 times.
- 160) Alsaif, N.A.M., Al-Ghamdi, H., Khattari, Z.Y., Shams, M.S., Elsad, R.A., Sadeq, M.S., El-Refaey, A.M., Rammah, Y.S., Elamy, M.I.
Experimental and simulation investigation of the effects of Er^{3+} ions on the physico-mechanical, optical, mechanical, and radiation-protective characteristics of $\text{B}_2\text{O}_3\text{-CaO-Bi}_2\text{O}_3$ glasses
(2024) Journal of the Australian Ceramic Society, 60 (1), pp. 207-220. Cited 1 time.
- 161) Fayed, E.A., Ebrahim, M.A., Fathy, U., Elawady, A.M., Khalaf, W.S., Ramsis, T.M.
Pyrano-coumarin hybrids as potential antimicrobial agents against MRSA strains: Design, synthesis, ADMET, molecular docking studies, as DNA gyrase inhibitors
(2024) Journal of Molecular Structure, 1295, art. no. 136663, . Cited 4 times.
- 162) Ibrahim, T.A., Hegazy, M.M., Abuelela, M.E., Ahmed, E., Magdeldin, S., Saleh, A.M., Mohamood, A.A.R., El-Hela, A.A.
LC-ESI-MS/MS Metabolites Profiling, Biological Activity, and Docking Studies of *Dendrocalamus strictus* Munro
(2024) Chemistry Africa, .
- 163) Elhameed, M.M.A., Elhabiby, H.R.S., Othman, E.M., Zayed, S.B.E., Elsayeh, S.M.A., Mohamady, H.M.
Muscle energy technique versus Maitland's mobilization on shoulder pain and disability after neck dissection surgeries [Article@Technika energii mięśniowej a mobilizacja wg Maitlanda w leczeniu bólu i dysfunkcji barku po operacjach wycięcia węzłów chłonnych szyi]
(2024) Fizjoterapia Polska, 2024 (4), pp. 396-401.

- 164)** Shaheen, S.D., Esmail, D.A.M., Ghobar, S.
The Impact of Silver Diamine Fluoride and Potassium Iodide Treatment on Microtensile Bonds Strength of Composite Restoration for Carious Dentin in Primary and Permanent Teeth and Its Potential Color Changes: An in Vitro Study
(2024) European Journal of Dentistry,
- 165)** Elseedy, H.A., Kiriacos, C., Ramsis, T.M.
Molecular Modeling and Drug Development
(2024) Applied Biotechnology and Bioinformatics: Agriculture, Pharmaceutical Research and Environment, pp. 111-137.
- 166)** Mahdy, R.N.E., Nader, M.A., Helal, M.G., Abu-Risha, S.E., Abdelmageed, M.E.
Protective effect of Dulaglutide, a GLP1 agonist, on acetic acid-induced ulcerative colitis in rats: involvement of GLP-1, TFF-3, and TGF- β /PI3K/NF- κ B signaling pathway
(2024) Naunyn-Schmiedeberg's Archives of Pharmacology, .
- 167)** Hegazi, N.M., El Shabrawy, M., Aboulthana, W.M., Ragheb, A.Y., Ibrahim, L.F., Marzouk, M.M.
UPLC-HRMS/MS Guided Isolation and NMR Investigation of Major Flavonoids from Enarthrocarpus strangulatus Boissier (Brassicaceae) with In Vitro Enzymes Inhibitory Potential
(2024) Chemistry and Biodiversity, .
- 168)** Neamah, A.S., Wadan, A.-H.S., Lafta, F.M., Elakwa, D.E.-S.
The potential role of targeting the leptin receptor as a treatment for breast cancer in the context of hyperleptinemia: a literature review
(2024) Naunyn-Schmiedeberg's Archives of Pharmacology, .
- 169)** Soltan, M.A., Abdulsahib, W.K., Eid, R.A., Alshaya, D.S., Sideeg, A.M., Osman, R., Alarabi, T.G.M., Mohamed, G., Al-Salmi, F.A., Fayad, E., Abduljabbar, M.H., Alshehri, M.A., Gouda, A.M., Eldeen, M.A.
Application of Reverse Vaccinology and Immunoinformatics to Design a Multitope Vaccine against Gastrointestinal Cancer-inducing Cryptosporidium Parvum
(2024) Journal of Computational Biophysics and Chemistry,

- 170) Summra, A.A., Mahmoud, M.H., Soliman, M.M.
Influence of Using Various Types of Steel Fibers of Recycled Concrete Aggregates on the Shear Behavior of RC Beams
(2024) Journal of Engineering (United Kingdom), 2024, art. no. 6493687, .
- 171) Bayoumi, M.B.I., Nagy, A.M., El Gayar, S.L., Metawee, S.M., Mousa, N.M.A., Mohamady, H.M.
Burnout among Egyptian physical therapists in burn departments [Article@Wypalenie zawodowe wśród egipskich fizjoterapeutów pracujących na oddziałach oparzeniowych]
(2024) Fizjoterapia Polska, 2024 (4), pp. 129-135.
- 172) Abdel-Azeem, A.M., Ghosh, S., Hajji-Hedfi, L., Zaky, M.S., Razaghi, P., Singh, B.P., Michael, M.H., Abdel-Azeem, M.A.
Fungi as hidden partners of forest plants: An introduction
(2024) Forest Fungi: Biodiversity, Conservation, Mycoforestry and Biotechnology, pp. 1-19.
- 173) Mokhtar, H.I., Salama, G.M., El Gindy, A., Abdel Hameed, E.A.
Optimization of the Combined Use of Z-Sep Plus and EMR-Lipid in QuEChERS Procedure for the Analysis of Eight Pesticides in Real Milk Samples
(2024) Food Analytical Methods, .
- 174) Ramzy, K., AbdelAziz, E.A., Alswat, M., Kabeel, A.E., Al-Nagdy, A.A., Abdelgaleel, M.
Evaluation of solar distiller performance using steel wool pads, internal reflectors, and woven wire mesh: economic, environmental, and sustainability analysis
(2024) Journal of Thermal Analysis and Calorimetry,
- 175) Wahsh, E., Ibrahim, T.M., ElWady, M.E.
Investigation of the Anxiolytic Effects of Calcium Channel-Blocker, Nifedipine, and Beta-Blocker, Propranolol, in Vogel Conflict Rat Model
(2024) Advances in Animal and Veterinary Sciences, 12 (Specialissue 1), pp. 302-309.
- 176) El-Mahdy, N.A., Tadros, M.G., El-Masry, T.A., Binsaleh, A.Y., Alsubaie, N., Alrossies, A., AbdElhamid, M.I., Osman, E.Y., Shalaby, H.M., Saif, D.S.
Efficacy of the cardiac glycoside digoxin as an adjunct to csDMARDs in rheumatoid arthritis patients: a randomized, double-blind, placebo-controlled trial
(2024) Frontiers in Pharmacology, 15, art. no. 1445708,

- 177) Mokhtar, H.I., Khodeer, D.M., Alzahrani, S., Qushawy, M., Alshaman, R., Elsherbiny, N.M., Ahmed, E.S., Abu El Wafa, E.G., El-Kherbetawy, M.K., Gardouh, A.R., Zaitone, S.A.
Formulation and characterization of cholesterol-based nanoparticles of gabapentin protecting from retinal injury
(2024) *Frontiers in Chemistry*, 12, art. no. 1449380, .
- 178) Saad, S.S., El-Sakka, S.S.A., Soliman, M.H.A., Gadelmawla, M.H.A., Mahmoud, N.M.
Thiazolidin-4-one derivatives as antitumor agents against (Caco-2) cell line: synthesis, characterization, in silico and in vitro studies
(2024) *Phosphorus, Sulfur and Silicon and the Related Elements*, .
- 179) Ellakwa, T.E., Ellakwa, A., Abu-Khadra, A.S., Gomaa, H.M., El-Taib Heakal, F., El-Sayed Ellakwa, D.
Reviewing and exploring boron oxide's role in bioactive glasses: a synthesis of modeling and applications
(2024) *Journal of the Australian Ceramic Society*, .
- 180) Soliman, S.I., Nosair, A.A.A., Abbas Al-Sadat, O., Refai, O.M.
Comparison of denture space and patient satisfaction for neutral zone versus standard-designed digital dentures restoring mandibular resorbed ridges: A crossover randomized clinical trial
(2024) *Journal of Prosthodontics*, .
- 181) Raza, A., Fatima, P., Yasmeen, B., Rana, Z.A., Ellakwa, D.E.-S.
From resistance to remedy: the role of clustered regularly interspaced short palindromic repeats system in combating antimicrobial resistance—a review
(2024) *Naunyn-Schmiedeberg's Archives of Pharmacology*, .
- 182) Ali, L.S., Attia, Y.A.M., Mourad, S., Halawa, E.M., Abd Elghaffar, N.H., Shokry, S., Attia, O.M., Makram, M., Wadan, A.-H.S., Negm, W.A., Elekhawy, E.
The missing link between cancer stem cells and immunotherapy
(2024) *Current Medical Research and Opinion*, 40 (11), pp. 1963-1984.

- 183)** Alahmad, A.M., Alenezi, A.Y., Rayyan, M., Abdelhamid, A.I., Farag, R.A., Basta, D.G., Rifai, H., Sayed, M., Fouad, M.
Static Loading of Different Intraradicular Preparation Depths of Trinia Endocrowns in Maxillary Canines
(2024) Journal of Contemporary Dental Practice, 25 (6), pp. 575-580.
- 184)** Abdel-Azeem, M.A.
The alpha-amylase inhibitors of endophytic fungal's metabolites
(2024) Endophytic Fungi: the Full Story of the Untapped Treasure, pp. 181-193.
- 185)** Hara, M.A., Ramadan, M., Abdelhameid, M.K., Taher, E.S., Mohamed, K.O.
Pyroptosis and chemical classification of pyroptotic agents
(2024) Molecular Diversity, .
- 186)** Elimam, H., Eldeib, M.G., Kizilaslan, E.Z., Alhamsry, N.A.A., Ashour, A.E., Elfar, N., Abdel-Wahab, M.M., Zaki, M.B., Mohammed, O.A., Radwan, A.F., Abdel-Reheim, M.A., Moussa, R., Doghish, A.S.
Exploring the interplay of natural products and long non-coding RNAs in colorectal cancer: pathogenesis, diagnosis, and overcoming drug resistance
(2024) Naunyn-Schmiedeberg's Archives of Pharmacology, . Cited 1 time.
- 187)** Ahmed, E.M., Boseila, A.A., Hanora, A.S., Solyman, S.M.
Human Cathelicidin, LL-37 a potential antiviral therapeutic for Rift Valley Fever Virus in Egypt
(2024) Cellular and Molecular Biology, 70 (8), pp. 1-9.
- 188)** Saleh, M.M., Said, M.T., Elsayy, S.B., Adawy, Z.R., Shehata, A.I., Abd-Elkareem, T.S., Abdelrahman Ahmed, M.M.E., Shoman, H.A., Mostafa, E.R.M., Abouelnour, A.K.A., Wahsh, E., Salah Eldin, G.M.M., Mousa, S.N.M., Hewady, P.M.
A Randomized Controlled Trial of The Diaphragmatic Manual Therapy on Respiratory and Cardiovascular Functions in Severe Pneumonia Patients
(2024) Journal of Angiotherapy, 8 (5), art. no. 9680, .
- 189)** Zaki, A., Bashir, B., Alsalman, A., Elsaka, B., Abdallah, M., El-Ashquer, M.
Evaluating the Accuracy of Global Bathymetric Models in the Red Sea Using Shipborne Bathymetry
(2024) Journal of the Indian Society of Remote Sensing, .

- 190) Badawoud, A.M., Ali, L.S., Abdallah, M.S., El Sabaa, R.M., Bahaa, M.M., Elmasry, T.A., Wahsh, E., Yasser, M., Eltantawy, N., Eldesoqui, M., Hamouda, M.A.

The relation between Parkinson's disease and non-steroidal anti-inflammatories; a systematic review and meta-analysis

(2024) Frontiers in Pharmacology, 15, art. no. 1434512, . Cited 2 times.

- 191) El-Hussein, I.G.

Effect of Adding Different Concentrations of Silver Nanoparticles on Flexural Strength and Microhardness of Different Denture Base Materials

(2024) Journal of Contemporary Dental Practice, 25 (5), pp. 417-423.

- 192) Abdelaziz, T.A., Mesbah, N.M., Abo-Elmatty, D.M., El-Sabbagh, F.O.

Association of paraoxonase-1 (Q192R) gene polymorphism with coronary artery spasm during cardiac catheterisation in Egyptians

(2024) Archives of Physiology and Biochemistry, .

- 193) Abbas, M.M., Abbas, M.A., Afifi, W.M., Kandil, Y.I.

FLAVONOID-RICH EXTRACT OF VARTHemia IPHIONOIDES INCREASED LOW-DENSITY LIPOPROTEIN RECEPTOR AND DECREASED HYDROXYMETHYLGLUTARYL COA REDUCTASE EXPRESSION IN HEPG2 CELLS

(2024) Farmacia, 72 (3), pp. 631-637.

- 194) Ageena, S.A., Bakr, A.G., Mokhlis, H.A., Abd-Allah, M.F.

Renoprotective effects of apocynin and/or umbelliferone against acrylamide-induced acute kidney injury in rats: role of the NLRP3 inflammasome and Nrf-2/HO-1 signaling pathways

(2024) Naunyn-Schmiedeberg's Archives of Pharmacology, .

- 195) Fayez, H., Selim, A., Shamma, R., Rashed, H.

Intranasal Radioiodinated Ferulic Acid Polymeric Micelles as the First Nuclear Medicine Imaging Probe for ETRA Brain Receptor

(2024) Current Radiopharmaceuticals, 17 (2), pp. 209-217. Cited 1 time.

- 196) Alassar, R.M., Metwally, N.I., Abdelgawad, A.M., Elsherbeny, S.H., Mohamed, E.A.

Custom-made versus prefabricated zirconia crowns for primary molars: A 12-month follow-up

(2024) Journal of Indian Society of Pedodontics and Preventive Dentistry, 42 (2), pp. 156-164.

- 197)** Ismail, O.A., Hassanein, O.E., Hafez, R., Mamdouh, M.
Effect of Dimethyl Sulfoxide Primer Application Before a Two-Step Etch-and-Rinse Adhesive on the Microtensile Bond Strength and Nanoleakage
(2024) Journal of International Oral Health, 16 (3), pp. 246-252.
- 198)** Wadan, A.-H.S., Raza, M.L., Moradikor, N.
Synaptic modulation by coffee compounds: Insights into neural plasticity
(2024) Progress in Brain Research, 289, pp. 181-191. Cited 1 time.
- 199)** Bastawy, H.A., Niazy, M.A., Farid, M.H., Harhash, A.Y., Abo El Wafa, M.R., Abu-Sieda, A.M.
HISTOLOGICAL EVALUATION OF PULP RESPONSE TO PULPINE NE VERSUS BIODENTINE AS DIRECT PULP CAPPING MATERIALS IN A DOG MODEL [Article@ÉVALUATION HISTOLOGIQUE DE LA RÉPONSE DE LA PULPE À LA PULPINE NE PAR RAPPORT À LA BIODENTINE COMME MATÉRIAUX DE COIFFAGE DIRECT DE LA PULP DANS UN MODÈLE DE CHIEN]
(2024) International Arab Journal of Dentistry, 15 (1), art. no. 12, .
- 200)** Alalyani, A., Abdou, M.A., Basseem, M.
The orthogonal polynomials method using Gegenbauer polynomials to solve mixed integral equations with a Carleman kernel
(2024) AIMS Mathematics, 9 (7), pp. 19240-19260.
- 201)** El-Akabawy, G., El-Kersh, S.O.F., El-Kersh, A.O.F.O., Amin, S.N., Rashed, L.A., Latif, N.A., Elshamey, A., El Megied Abdallah, M.A.A., Saleh, I.G., Hein, Z.M., El-Serafi, I., Eid, N.
Dental pulp stem cells ameliorate D-galactose-induced cardiac ageing in rats
(2024) PeerJ, 12 (5), art. no. e17299,
- 202)** Aboelwafa, M.R., Shaheen, S.D.
Microhardness, Surface Roughness, and Wear Resistance Enhancement of Reinforced Conventional Glass Ionomer Cement Using Fluorinated Graphene Oxide Nanosheets
(2024) European Journal of Dentistry, . Cited 1 time.
- 203)** Hilal, M.I.M.
Dynamical interactions of the magnetic field in a binary mixture of interacting thermoelastic solids
(2024) Journal of Thermal Stresses, 47 (8), pp. 977-991.

- 204)** Youssef, H., Azmy, A.F., Eid, H.M., Sayed, O.M., Eldomany, E.B., Farghali, A.A., Molham, F.
The Enterococcus secretome inhibits the growth of vancomycin-resistant Enterococcus faecalis
V853 with their antiproliferative properties and nanoencapsulation effects
(2024) International Microbiology, . Cited 1 time.
- 205)** Elkelany, E.A., Amin, H.Y., Samir, A., EL-Hady, M.M., El-Bahnasawy, H.H., Hassan, M.A.
Mössbauer, optical and structural properties of Fe³⁺ ion in borate glass
(2024) Journal of Rare Earths, . Cited 5 times.
- 206)** Amin, R., El-Taweel, G., Ali, A.F., Tahoun, M.
Hybrid Chaotic Zebra Optimization Algorithm and Long Short-Term Memory for Cyber Threats
Detection
(2024) IEEE Access, 12, pp. 93235-93260. Cited 1 time.
- 207)** Ibrahim, A.E., Alamir, S.G., Al-Omairi, M., Salman, B.I., Batakoushy, H.A., Hegazy, M.M.,
Al-Harrasi, A.
Tracking the Variations in Trace and Heavy Elements in Smoking Products Marketed in Oman
and Egypt: Risk Assessment After Implementation of Constraining Protocols
(2024) Biological Trace Element Research, . Cited 1 time.
- 208)** Ahmed, R., Zaitone, S.A., Abdelmaogood, A.K.K., Atef, H.M., Soliman, M.F.M., Badawy,
A.M., Ali, H.S., Zaid, A., Mokhtar, H.I., Elabbasy, L.M., Kandil, E., Yosef, A.M., Mahran, R.I.
Chemotherapeutic potential of betanin/capecitabine combination targeting colon cancer:
experimental and bioinformatic studies exploring NFκB and cyclin D1 interplay
(2024) Frontiers in Pharmacology, 15, art. no. 1362739, .
- 209)** Minervina Silva, I., de Medeiros Melo Neto, O., Lucena, L.C.D.F.L., Mendonça, A.M.G.D.,
Hu, J.W., Youssef, A.
Assessing the efficacy of alginate-encapsulated rejuvenators from soybean oil sludge and fatty
acid for enhanced self-healing capacity of asphalt mixtures
(2024) Road Materials and Pavement Design, . Cited 2 times.

- 210) Anber, N.H., Ahmed Shahin, H.E., Badawy, H.K., Oraby, E.A., Mohammed, S.A., Shaaban, E.I.A., Attia, Z.R., Mohamed, S., Shabana, M.F., El-Eshmawy, M.A., Elsayed, R., Elsaid, A.M., Alalawy, A.I., Elshazli, R.M.
[Potential Impact of SOD2 \(rs4880; p.Val16Ala\) Variant with the Susceptibility for Childhood Bronchial Asthma](#)
 (2024) *Biochemical Genetics*, .
- 211) Sobh, Y.T.M., Ragab, M.H.
[Residual dentin thickness of root canal transportation by various metallurgical rotary systems: An in vitro study](#)
 (2024) *Saudi Endodontic Journal*, 14 (1), pp. 69-74.
- 212) Yosef, A.M., Alqarni, R.S., Sayd, F.Y., Alhawiti, M.S., Almahlawi, R.M., Prabahar, K., Uthumansha, U., Alanazi, M.A., El-Sherbiny, M., Elsherbiny, N., Qushawy, M.
[Preparation and Characterization of Novel Polyelectrolyte Liposomes Using Chitosan Succinate Layered over Chitosomes: A Potential Strategy for Colon Cancer Treatment](#)
 (2024) *Biomedicines*, 12 (1), art. no. 126, . Cited 1 time.
- 213) Alatawi, H.M., Alhwiti, S.S., Alsharif, K.A., Albalawi, S.S., Abusaleh, S.M., Srour, G.K., Qushawy, M.
[Nanostructured Lipid Carriers \(NLCs\) as Effective Drug Delivery Systems: Methods of Preparation and their Therapeutic Applications](#)
 (2024) *Recent Patents on Nanotechnology*, 18 (2), pp. 179-189. Cited 1 time.
- 214) Mahmoud, R.A., Hadad, G.M., Abdel Salam, R.A., Mokhtar, H.I.
[Optimization of a Solid-Phase Extraction Coupled with a High-Performance Liquid Chromatography and Diode Array Ultraviolet Detection Method for Monitoring of Different Antibiotic Class Residues in Water Samples](#)
 (2024) *Journal of AOAC International*, 107 (1), pp. 52-60. Cited 1 time.
- 215) Al-Ghamdi, H., Alsaif, N.A.M., Khattari, Z.Y., Shaaban, S.M., El-Refaey, A.M., Elsad, R.A., Shams, M.S., Rammah, Y.S., Abdelghany, A.M., Sadeq, M.S.
[Linear/nonlinear opto-gamma radiation attenuation hallmarks of high-density lead barium-borate glass blocks containing iron oxide additives](#)
 (2024) *Journal of Materials Science: Materials in Electronics*, 35 (1), art. no. 70, . Cited 4 times.

- 216) Alsharif, S.T., Gardouh, A.M., Mandour, M.F., Alaqais, Z.M., Alharbi, L.K., Almarwani, M.J., Mokhtar, H.I., Hisham, F.A., Abdellah, M.M., Mohamed, G.M., Shorog, E.M., Almaeen, A.H., Atteia, H.H., Zaitone, S.A.
Antitumor activity and targeting p53-PUMA mRNA expression by 5-fluorouracil PLGA-lipid polymeric nanoparticles in mouse mammary carcinomas: comparison to free 5-fluorouracil
(2024) Toxicology Mechanisms and Methods, 34 (4), pp. 385-397.
- 217) Doghish, A.S., Zaki, M.B., Eldeib, M.G., Radwan, A.F., Moussa, R., Abdel-Wahab, M.M., Kizilaslan, E.Z., Alhamshry, N.A.A., Ashour, A.E., Elimam, H.
The potential relevance of long non-coding RNAs in colorectal cancer pathogenesis and treatment: A review focus on signaling pathways
(2024) Pathology Research and Practice, 253, art. no. 155044, . Cited 14 times.
- 218) Babeer, A.M., Sayyed, M.I., Amin, H.Y., Mahmoud, A.E.-R., Sadeq, M.S.
Composition impacts of La₂O₃ on the structure and radiation shielding parameters of NiO–BaO–B₂O₃ glasses
(2024) Optical Materials, 147, art. no. 114622, . Cited 11 times.
- 219) Tiama, T.M., Ibrahim, A., Hassaan, M.Y., Mabied, A.F.
The impact of gallium ions on borosilicate glasses for structural, optical and biological applications
(2024) Optical and Quantum Electronics, 56 (1), art. no. 63, . Cited 2 times.
- 220) Sadeq, M.S., AlHammad, M.S., Al-Wafi, R.
Effect of samarium oxide on the structural and ligand field parameters of iron cations inside sodium borate glass
(2024) Ceramics International, 50 (1), pp. 115-125. Cited 3 times.
- 221) Bawazeer, O., Sadeq, M.S.
Compositional dependency of transparency, optical and radiation shielding parameters inside Gd₂O₃–Fe₂O₃–Na₂O–SiO₂–B₂O₃ glass
(2024) Ceramics International, 50 (1), pp. 159-173. Cited 14 times.
- 222) Al-Ghamdi, H., Alsaif, N.A.M., El-Hamalawy, A.A., Ahmed, E.M., Sadeq, M.S., Rammah, Y.S.
B₂O₃–P₂O₅–CaO bioactive glasses: Synthesis, physical properties, optical basicity, electronegativity and radiation attenuation competence
(2024) Radiation Physics and Chemistry, 214, art. no. 111278, . Cited 7 times.

223) Eisa, M.S., Basiouny, M.E., Youssef, A.M.

Experimental and Numerical Investigation of Load-Carrying Capacity of Rigid Pavement Slabs Reinforced with Biaxial Geogrid

(2024) International Journal of Pavement Research and Technology, 17 (1), pp. 1-17. Cited 1 time.

224) Hilal, M.I.M.

Diffusion, rotation, and lagging behavior of a thermoelastic micropolar medium with voids and temperature gradient under mechanical pressure

(2024) Waves in Random and Complex Media, 34 (6), pp. 5702-5721. Cited 2 times.