

The Faculty of Biotechnology

Publications Aligned with SDGs



2021-2022

Publications 2021/2022

SDG (2): Zero Hunger									
No.	Name	Title	Journal Name	IF	Quartile	SJR	Quartile	Citation	Link
1.	Gehan Safwat Hemat S. Abdel Salam	The Effect of Exogenous Proline and Glycine Betaine on Phytobiochemical Responses of Salt-stressed Basil Plants	Egyptian Journal of Botany	---	----	0.21	Q4	Safwat, G., & Abdel Salam, H. S. (2022). The Effect of Exogenous Proline and Glycine Betaine on Phytobiochemical Responses of Salt-stressed Basil Plants. <i>Egyptian Journal of Botany</i> , 62(2), 537-547.	https://ejbo.journals.ekb.eg/article_231050.html
2.	Yasmine Hatem Gehan Hammad Gehan Safwat	Artificial Intelligence for Plant Genomics and Crop Improvement	Egyptian Journal of Botany	----	----	0.21	Q4	Hatem, Y., Hammad, G., & Safwat, G. (2022). Artificial Intelligence for Plant Genomics and Crop Improvement. <i>Egyptian Journal of Botany</i> , 62(2), 291-303.	https://ejbo.journals.ekb.eg/article_231039.html
3.	Amina Aly Rabab Maraai Ahmed Rezk Ayman Diab	Phytochemical Constitutes and Biological activities of Essential Oil Extracted from Irradiated Caraway Seeds (<i>Carum carvi L.</i>)	International Journal of Radiation Biology	2.6	Q3	0.56	Q2	Aly, A., Maraai, R., Rezk, A., & Diab, A. (2022). Phytochemical constitutes and biological activities of essential oil extracted from irradiated caraway seeds (<i>Carum carvi L.</i>). <i>International Journal of Radiation Biology</i> , (just-accepted), 1-17.	https://www.tandfonline.com/doi/abs/10.1080/09553002.2022.2078004

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4.	Samah E. Laban Mohamed M. Mashaly Aly M. Aly Nouran E. Maher Manal M. Zaki	Evaluation of Different Hygienic Practices Applied in Slaughterhouses and Its Effect on Beef Quality	Advances in Animal and Veterinary Sciences	--	--	0.2	Q3	Laban, S. E., Mashaly, M. M., Aly, A. M., Maher, N. E., & Zaki, M. M. (2021). Evaluation of different hygienic practices applied in slaughterhouses and its effect on beef quality. <i>Adv. Anim. Vet. Sci</i> , 9(3), 429-437.	AAVS 9 3 429-437.pdf (nexusacademipublishers.com)
5.	Amina A. Aly Rabab W. Maraai Mohannad M. AbdAllah Gehan Safwat	Evaluation of Physical, Biochemical Properties and Cell Viability of Gamma Irradiated Honey	Journal of Food Measurement and Characterization	2.4	Q3	0.5	Q2	Aly, A. A., Maraai, R. W., Abd-Allah, M. M., & Safwat, G. (2021). Evaluation of physical, biochemical properties and cell viability of gamma irradiated honey. <i>Journal of Food Measurement and Characterization</i> , 15(5), 4794-4804.	Evaluation of physical, biochemical properties and cell viability of gamma irradiated honey SpringerLink
6.	Alyaa Farid Merna Haytham Abdelrahman Essam Gehan Safwat	Efficacy of the Aqueous Extract of Siwa Dates in Protection Against the Whole Body γ Irradiation Induced Damages in Mice	Journal of Radiation Research and Applied Sciences	1.77	Q3	---	--	Farid, A., Haytham, M., Essam, A., & Safwat, G. (2021). Efficacy of the aqueous extract of Siwa dates in protection against the whole body γ irradiation induced damages in mice. <i>Journal of Radiation Research and Applied Sciences</i> , 14(1), 322-335.	Efficacy of the aqueous extract of Siwa dates in protection against the whole body γ irradiation induced damages in mice - ScienceDirect

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7.	Nasser Ghanem Romysa Samy Beshoy SF Khalil Ibrahim Abdalla Hassan Ahmed Yousry Sayed Esraa Moheb Ayman A. Diab Gehan Safwat Md. Fakruzzaman Il-Keun Kong	Mitochondrial Activity and Transcript Abundance of Quality Marker Genes during <i>In vitro</i> Maturation of Bovine and Buffalo's Oocytes	Advances in Animal and Veterinary Sciences	--	--	0.18	Q3	Ghanem, N., Samy, R., Khalil, B. S. F., Barakat, I. A. H., Ahmed, A. Y. S., Ismail, E. M. A., ... & Kong, I. K. (2021). Mitochondrial activity and transcript abundance of quality marker genes during in vitro maturation of bovine and buffalo's oocytes. <i>Adv. Anim. Vet. Sci</i> , 9(11), 1810-1815.	AAVS 9_11 1810- 1815.pdf (nexusacade micpublishers .com)
8.	Amina A. Aly Noha E. Eliwa Zeyad M. Borim Gehan Safwat	Physiological Variation of Irradiated Red Radish Plants and Their Phylogenic Relationship using SCoT and CDDP Markers	Notulae Botanicae	1.44	Q3	0.33	Q3	Eliwa, N. E., Borik, Z. M., & Safwat, G. (2021). Physiological variation of irradiated red radish plants and their phylogenic relationship using SCoT and CDDP markers. <i>Notulae Botanicae Horti Agrobotanici Cluj- Napoca</i> , 49(3), 12396- 12396.	Physiological variation of irradiated red radish plants and their phylogenic relationship using SCoT and CDDP markers Notulae Botanicae Horti Agrobotanici Cluj-Napoca (corten- garden.com)

SDG (3): Good Health and Well-Being

No.	Name	Title	Journal Name	IF	Quartile	SJR	Quartile	Citation	Link
1.	Samah Mamdouh Fatma Khorshed Gehan Hammad Khaled Elesaily Gehan Safwat Olfat Hammam Tarek Aboushousha	Molecular Detection of Genetic Susceptibility to Bladder Cancer in Egyptian Patients	Asian Pacific Journal of Cancer Prevention	----	----	0.5	Q2	Mamdouh, S., Khorshed, F., Hammad, G., Elesaily, K., Safwat, G., Hammam, O., & Aboushousha, T. (2022). Molecular Detection of Genetic Susceptibility to Bladder Cancer in Egyptian Patients.	http://repository.msa.edu.eg/xmlui/handle/123456789/4833
2.	Amal Ahmed Mohamed Ahmed E. Allam Ahmed M. Aref Maha Osama Mahmoud Noha A. Eldesoky Naglaa Fawazy Yasser Sakr Mohamed Emam Sobeih Sarah Albogami Eman Fayad Fayez Althobaiti Ibrahim Jafri Ghadi Alsharif Marwa El-Sayed Asmaa Sayed Abdelgeliel Rania S. Abdel Aziz	Evaluation of Expressed MicroRNAs as Prospective Biomarkers for Detection of Breast Cancer	Diagnostics	3.70	Q2	0.63	Q3	Mohamed, A. A., Allam, A. E., Aref, A. M., Mahmoud, M. O., Eldesoky, N. A., Fawazy, N., ... & Abdel Aziz, R. S. (2022). Evaluation of Expressed MicroRNAs as Prospective Biomarkers for Detection of Breast Cancer. <i>Diagnostics</i> , 12(4), 789.	https://www.mdpi.com/2075-4418/12/4/789

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3.	Alyaa Farid Mona Yousry Gehan Safwat	Garlic (<i>Allium sativum</i> Linnaeus) Improved Inflammation and Reduced Cryptosporidiosis Burden in Immunocompromised Mice	Journal of Ethnopharmacology	4.3	Q2	0.88	Q2	Farid, A., Yousry, M., & Safwat, G. (2022). Garlic (<i>Allium sativum</i> Linnaeus) improved inflammation and reduced cryptosporidiosis burden in immunocompromised mice. <i>Journal of Ethnopharmacology</i> , 292, 115174.	https://www.sciencedirect.com/science/article/pii/S0378874122002124?casa_token=jvcdZs37YmEAAAAA:SJ7uGLdx9m2zUgRfKb5gXbrYFkr6ZvJCCHwLQMuZrrDwcbaJo230OWeSl2nqyWD0cgiUkSSYvBc
4.	Alyaa Farid Ali Hany Ahmed Khaled Gehan Safwat	Cytokines and Autoantibodies Profile during Systemic Lupus Erythematosus and Psoriasis Diseases in Egypt	Journal of King Saud University - Science	4.01	Q2	0.57	Q2	Farid, A., Hany, A., Khaled, A., & Safwat, G. (2022). Cytokines and autoantibodies profile during systemic lupus erythematosus and psoriasis diseases in Egypt. <i>Journal of King Saud University-Science</i> , 34(4), 102007.	https://www.sciencedirect.com/science/article/pii/S1018364722001884

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5.	Neveen Adel Madbouly Mohammed Emam Malak Ayman Mohammed Ayman Ibraheem Rabia Azza El Amir	<i>In vitro and In vivo</i> Impacts of Nifedipine and Diltiazem on Praziquantel Chemotherapy in Murine <i>Schistosoma mansoni</i>	Experimental Parasitology	2.01	Q3	0.58	Q3	Madbouly, N. A., Emam, M., Ayman, M., Ayman, M., Rabia, I., & El Amir, A. (2022). In vitro and in vivo impacts of nifedipine and diltiazem on praziquantel chemotherapy in murine <i>Schistosoma mansoni</i> . <i>Experimental Parasitology</i> , 236, 108256.	http://repository.msa.edu/xmlui/handle/123456789/4910
6.	Hanan Elimam Jihan Hussein Yasmin Abdel-Latif Amal Kamal Abdel-Aziz Khalid M. El-Say	Preclinical activity of Fluvastatin-Loaded self-Nanoemulsifying Delivery System Against Breast Cancer Models: Emphasis on Apoptosis	Journal of Cellular Biochemistry	4.42	Q2	1.02	Q2	Elimam, H., Hussein, J., Abdel-Latif, Y., Abdel-Aziz, A. K., & El-Say, K. M. (2022). Preclinical activity of fluvastatin-loaded self-nanoemulsifying delivery system against breast cancer models: Emphasis on apoptosis. <i>Journal of Cellular Biochemistry</i> .	https://onlinelibrary.wiley.com/doi/full/10.1002/jcb.30238

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7.	<p>Thanaa El-sayed Helal Ahmed Aref Asmaa Ibrahim Gomaa Ola Nada Mohamed Abd Elghaffar Khaled Farouk Nermine Ahmed Ehsan</p>	<p>Epithelial Mesenchymal Transition Markers in HCV Associated Hepatocellular Carcinoma: A Multivariate Follow Up Study</p>	<p>Asian Pacific Journal of Cancer Prevention</p>	----	----	0.51	Q2	<p>Helal, T. E., Aref, A., Gomaa, A. I., Nada, O., Abd-Elghaffar, M., Farouk, K., & Ehsan, N. A. (2022). Epithelial-Mesenchymal Transition Markers in HCV Associated Hepatocellular Carcinoma: A Multivariate Follow Up Study.</p>	<p>http://reposit.ory.msa.edu.eg/xmlui/handle/123456789/4903</p>
8.	<p>Haidan M. El-Shorbagy Shereen S. El-Liethy Mona K. Moussa Akmal A. Elghor</p>	<p>Excessive ROS Generation and Oxidative Stress Induction Trigger Chromatin Dispersion and Apoptosis in Sperms of Parents with Recurrent Implantation Failure</p>	<p>Recent Research in Genetics and Genomics</p>	---	---	---	---	<p>El-Shorbagy, H., Aly, A., Kamel, A., Gomaa, M., & Hamad Mohamed, H. R. (2022). Excessive ROS generation and oxidative stress induction trigger chromatin dispersion and apoptosis in sperms of parents with recurrent implantation failure. <i>Recent Research in Genetics and Genomics</i>, 4(1), 1-17.</p>	<p>https://rrgg.journals.ekb.eg/article_226209.html</p>

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9.	Ghada Ismail Hossam Abdelghafar Mohamed G. Seadawy Mostafa F. El-Hosseney Ahmed F. Gad Amr Ageez Ahmed ElShafei Shereen S.Mohammed Marym S. Ali Marwa A.E.R. El- Ashry	Genome Sequencing Reveals Existence of SARS-CoV-2 B.1.1.529 Variant in Egypt	Journal of Genetic Engineering and Biotechnology	---	---	0.60	Q3	Ismail, G., Abdelghaffar, H., Seadawy, M. G., El-Hosseney, M. F., Gad, A. F., Ageez, A., ... & El-Ashry, M. A. E. R. (2022). Genome sequencing reveals existence of SARS-CoV-2 B. 1.1. 529 variant in Egypt. <i>Journal of Genetic Engineering and Biotechnology</i> , 20(1), 1-5.	https://jgeb.springeropen.com/articles/10.1186/s43141-022-00352-1
10.	Alyaa Farid Passant Moussa Manar Youssef Merna Haytham Ali Shamy Gehan Safwat	Melatonin relieves diabetic complications and regenerates pancreatic beta cells by the reduction in NF-kB expression in streptozotocin induced diabetic rats	Saudi Journal of Biological Sciences	4.2	Q2	0.65	Q1	Farid, A., Moussa, P., Youssef, M., Haytham, M., Shamy, A., & Safwat, G. (2022). Melatonin relieves diabetic complications and regenerates pancreatic beta cells by the reduction in NF-kB expression in streptozotocin induced diabetic rats Melatonin: anti-diabetic drug. <i>Saudi Journal of Biological Sciences</i> , 103313.	https://www.sciencedirect.com/science/article/pii/S1319562X22002297

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11.	Thanaa El A. Helal Hoda E. El AbdelWahab Sally M. Saber Waleed H. Abdelaaty Mohamed M. Eltabbakh Ahmed M. Aref Mohamed H. Dawood	Molecular Detection of Pathogenic Bacteria in the Colonic Biopsies from Patients with Ulcerative Colitis	African Health Sciences	0.92	Q4	0.32	Q3	Helal, T. E. A., Wahab, H. E. E. A., Saber, S. M., Abdelaaty, W. H., Eltabbakh, M. M., Aref, A. M., & Dawood, M. H. (2022). Molecular detection of pathogenic bacteria in the colonic biopsies from patients with Ulcerative Colitis. <i>African Health Sciences</i> , 22(1), 602- 10.	https://www.ajol.info/index.php/ahs/article/view/224687
12.	Mona A.Mohammed Bassant M.M.Ibrahim Yasmin Abdelatif Azza H. Hassan Mohamed A. El Raey Emad M. Hassan Souad E. El-Gengaihi	<i>Musa acuminata</i> Wastes as New Potential source of Anti-ulcerative Colitis Agents: Pharmacological and Metabolomics Profiles	Scientific Reports	4.37	Q1	1	Q1	Mohammed, M. A., Ibrahim, B. M., Abdelatif, Y., Hassan, A. H., El Raey, M. A., Hassan, E. M., & El-Gengaihi, S. E. (2022). Musa Acuminata Wastes as New Potential source of Anti-ulcerative Colitis Agents: Pharmacological and Metabolomics Profiles.	https://assets.researchsquare.com/files/rs-1318924/v1/a01d27cf-f9fc-45d5-b18b-2cc2f90e537b.pdf?c=1646167058

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13.	Hossam Taha Mohamed Aya Ali El-Sharkawy Mohamed El-Shinawi Robert J.Schneider Mona Mostafa Mohamed	Inflammatory Breast Cancer: The Secretome of HCMV+ Tumor-Associated Macrophages Enhances Proliferation, Invasion, Colony Formation, and Expression of Cancer Stem Cell Markers	Frontiers in Oncology	6.2	Q2	1.2	Q1	Mohamed, H. T., El-Sharkawy, A. A., El-Shinawi, M., Schneider, R. J., & Mohamed, M. M. Inflammatory breast cancer: secretome of HCMV+ tumor-associated macrophages enhance proliferation, invasion, colony formation, and expression of cancer stem cell markers. <i>Frontiers in Oncology</i> , 2936.	https://www.frontiersin.org/articles/10.3389/fonc.2022.899622/full
14.	Heba ElSayed ElZorkan Khaled Yehia Farro Haidan M.El- Shorbagy Hisham A.Elshoky Tareq Youssef Taher A.Salaheldin Salwa Sabet	Silica-coated Graphene compared to Si-CdSe/ZnS quantum dots: toxicity, emission stability, and role of silica in the uptake process for imaging purposes	Photodiagnosis and Photodynamic Therapy	3.63	Q3	0.64	Q2	ElZorkany, H. E., Farroh, K. Y., El-Shorbagy, H. M., Elshoky, H. A., Youssef, T., Salaheldin, T. A., & Sabet, S. (2022). Silica-coated graphene compared to Si-CdSe/ZnS quantum dots: toxicity, emission stability, and role of silica in the uptake process for imaging purposes. <i>Photodiagnosis and Photodynamic Therapy</i> , 102919.	https://www.sciencedirect.com/science/article/pii/S1572100022002058?casa_token=46ZpEXePJCsAAAAA:eyBCZNtmn-VPZuiQWyxDpOpuz6D0z24OPTLpnl4-022yWkTZ-dhuxZoW0u6cQmxW6fMzXKhzmw

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15.	Moustafa A. Shehata Julia Contreras Ana Martín- Hurtado Aurane Froux Hossam Taha Mohamed Ahmed A. El-Sherif Iván Plaza-Menachoa	Structural and Dynamic Determinants for Highly Selective RET kinase Inhibition Reveal Cryptic Druggability	Journal of Advanced Research	10.4	Q1	1.8	Q1	Shehata, M. A., Contreras, J., Martín-Hurtado, A., Froux, A., Mohamed, H. T., El-Sherif, A. A., & Plaza-Menacho, I. (2022). Structural dynamics for highly selective RET kinase inhibition reveal cryptic druggability. <i>Journal of Advanced Research</i> .	https://www.sciencedirect.com/science/article/pii/S2090123222001163
16.	Norhan Yasser Samy Sayed Nashwa Ghanem Amal Thabit Aziza Abdelal Wael Elmenofy Engy Osman	Determination of Virulence and Genetic Variability of Three <i>Spodoptera littoralis</i> Nucleopolyhedrovirus Isolates from Egypt	Egyptian Journal of Biological Pest Control	1.99	Q2	0.45	Q4	Yasser, N., Sayed, S., Ghanem, N., Thabit, A., Abdelal, A., Elmenofy, W., & Osman, E. (2022). Determination of virulence and genetic variability of three <i>Spodoptera littoralis</i> nucleopolyhedrovirus isolates from Egypt. <i>Egyptian Journal of Biological Pest Control</i> , 32(1), 1-7.	Determination of virulence and genetic variability of three <i>Spodoptera littoralis</i> nucleopolyhedrovirus isolates from Egypt SpringerLink

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17.	<p>Shaza Ahmed Hossam Taha Mohamed Noura El-Husseiny Manal M. El Mahdy Gehan Safwat Ayman A. Diab Ahmed A. El-Sherif Mohamed El-Shinawi Mona Mostafa Mohamed</p>	<p>IL-8 secreted by Tumor Associated Macrophages Contribute to Lapatinib Resistance in HER2-positive Locally Advanced Breast Cancer via Activation of Src/STAT3/ERK1/2-mediated EGFR Signaling</p>	<p>Biophysica Acta (BBA)-Molecular Cell</p>	4.73	Q1	1.71	Q2	<p>Ahmed, S., Mohamed, H. T., El-Husseiny, N., El Mahdy, M. M., Safwat, G., Diab, A. A., ... & Mohamed, M. M. (2021). IL-8 secreted by tumor associated macrophages contribute to lapatinib resistance in HER2-positive locally advanced breast cancer via activation of Src/STAT3/ERK1/2-mediated EGFR signaling. <i>Biochimica et Biophysica Acta (BBA)-Molecular Cell Research</i>, 1868(6), 118995.</p>	<p>IL-8 secreted by tumor associated macrophages contribute to lapatinib resistance in HER2-positive locally advanced breast cancer via activation of Src/STAT3/ERK1/2-mediated EGFR signaling - ScienceDirect</p>
18.	<p>Jihan Hussein Mona A. El-Bana, Mehrez E. El-Naggar Yasmin Abdel-Latif Samah M. El-Sayed Dalia Medhat</p>	<p>Prophylactic Effect of Probiotics Fortified with Aloe vera Pulp Nanoemulsion Against Ethanol-Induced Gastric Ulcer</p>	<p>Toxicology Mechanisms and Methods</p>	2.9	Q3	0.49	Q3	<p>Hussein, J., El-Bana, M. A., El-Naggar, M. E., Abdel-Latif, Y., El-Sayed, S. M., & Medhat, D. (2021). Prophylactic effect of probiotics fortified with Aloe vera pulp nanoemulsion against ethanol-induced gastric ulcer. <i>Toxicology Mechanisms and Methods</i>, 31(9), 699-710.</p>	<p>Prophylactic effect of probiotics fortified with Aloe vera pulp nanoemulsion against ethanol-induced gastric ulcer: Toxicology Mechanisms and Methods: Vol 31, No 9 (tandfonline.com)</p>

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19.	Abir A. Elfiky Ayman A. Diab Mona A. Khamis Ayman T. A. Morsy	Improvement of Snake antisera Production using New Innovative Adjuvants (w/o Formulation)	Journal of the Egyptian Society of Parasitology	--	--	0.16	Q4	Elfiky, A. A., Diab, A. A., Khamis, M. A., & Morsy, A. T. (2021). Improvement Of Snake Antisera Production Using New Innovative Adjuvants (W/O Formulation). <i>Journal of the Egyptian Society of Parasitology</i> , 51(2), 297-304.	August 2021 Articles 1 to 22.pdf (ekb.eg)
20.	Simona Campora Reham Mohsen Daniel Passaro Howida Samir Hesham Ashraf Saif El-Din Al-Mofty Ayman A. Diab Ibrahim M.El-Sherbiny Martin J. Snowden Giulio Gherzi	Functionalized Poly(N-isopropylacrylamide)-Based Microgels in Tumor Targeting and Drug Delivery	Gels	--	--	0.56	Q2	Campora, S., Mohsen, R., Passaro, D., Samir, H., Ashraf, H., Al-Mofty, S. E. D., ... & Gherzi, G. (2021). Functionalized Poly (N-isopropylacrylamide)-Based Microgels in Tumor Targeting and Drug Delivery. <i>Gels</i> , 7(4), 203.	Gels Free Full-Text Functionalized Poly(N-isopropylacrylamide)-Based Microgels in Tumor Targeting and Drug Delivery (mdpi.com)
21.	Alyaa Farid Mohamed El-Dewak Gehan Safwat Ayman Diab	Anti-Apoptotic and Antioxidant Effects of Melatonin Protect Spleen of whole body γ -irradiated male Sprague-dawley rats	International Journal of Radiation Research	--	--	0.25	Q4	Farid, A., El-Dewak, M., Safwat, G., & Diab, A. (2021). Anti-apoptotic and antioxidant effects of melatonin protect spleen of whole body γ -irradiated male Sprague-dawley rats. <i>International Journal of Radiation Research</i> , 19(4), 861-872.	[PDF] Anti-apoptotic and antioxidant effects of melatonin protect spleen of whole body γ-irradiated male Sprague-dawley rats Semantic Scholar

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22.	Yara Ahmed Hamdy Hasanin Moahmed Ali Gehan Safwat Naglaa Hassan Khalda Amr	Study The Expression of DYRK1B Gene And Its Association With Metabolic Syndrome Among The Egyptians	Molecular Biology Reports	2.3	Q4	0.53	Q4	Hassaneen, H. M., El-Dessouky, M. A., Safwat, G., Hassan, N. A. M., & Amr, K. (2021). Study The Expression of DYRK1B Gene and Its Association With Metabolic Syndrome Among The Egyptians.	a420174b-a8fa-48bc-8881-a334b0726e8c.pdf (researchsquare.com)
23.	Youssra M. G. Mohamdeen Atabak G.Tabriz Mohammad Tighsazzadeh Uttom Nandi Roxanne Khalaj Ioannis Andreadis Joshua S. Boateng Dennis Douroumis	Development of 3D Printed Drug-Eluting Contact Lenses	Journal of Pharmacy and Pharmacology	2.5	Q2	0.74	Q2	Mohamdeen, Y. M. G., Tabriz, A. G., Tighsazzadeh, M., Nandi, U., Khalaj, R., Andreadis, I., ... & Douroumis, D. (2021). Development of 3D printed drug-eluting contact lenses. <i>Journal of Pharmacy and Pharmacology</i> .	Development of 3D printed drug-eluting contact lenses Journal of Pharmacy and Pharmacology Oxford Academic (oup.com)
24.	Abdulrahman L. Al-Malki Ashraf Bakkar Etimad A. Huwait Elie K. Barbour Kalid O. Abulnaja Taha A. Kumosani Said S. Moselhy	Strigol1/Albumin/ Chitosan Nanoparticles Decrease cell Viability, Induce Apoptosis and Alter Metabolomics Profile in HepG2 Cancer Cell line	Biomedicine & Pharmacotherapy	6.5	Q1	1.19	Q1	Al-Malki, A. L., Bakkar, A., Huwait, E. A., Barbour, E. K., Abulnaja, K. O., Kumosani, T. A., & Moselhy, S. S. (2021). Strigol1/albumin/chitosan nanoparticles decrease cell viability, induce apoptosis and alter metabolomics profile in HepG2 cancer cell line. <i>Biomedicine & Pharmacotherapy</i> , 142, 111960.	Strigol1/albumin/chitosan nanoparticles decrease cell viability, induce apoptosis and alter metabolomics profile in HepG2 cancer cell line - ScienceDirect

SDG (9): Industry, Innovation and Infrastructure

No.	Name	Title	Journal Name	IF	Quartile	SJR	Quartile	Citation	Link
1.	Asmaa Sayed Mai Yasser Manar El-sayed Abdelraouf Reham Mohsen	Green Starch/Graphene Oxide Hydrogel Nanocomposites for Sustained Release Application	Chemical Papers	2.09	Q3	0.33	Q3	Sayed, A., Yasser, M., Abdel-raouf, M. E. S., & Mohsen, R. (2022). Green starch/graphene oxide hydrogel nanocomposites for sustained release applications. <i>Chemical Papers</i> , 1-14.	https://link.springer.com/article/10.1007/s11696-022-02236-7

SDG (11): Sustainable Cities and Communities

No.	Name	Title	Journal Name	IF	Quartile	SJR	Quartile	Citation	Link
1.	Asmaa Sayed Ghada A. Mahmoud Heba Said Ayman A. Diab	Characterization and Optimization of Magnetic Gum PVP/SiO ₂ Nanocomposite Hydrogel for Removal of Contaminated Dyes	Materials Chemistry and Physics	4.09	Q2	0.76	Q2	Sayed, A., Mahmoud, G. A., Said, H., & Diab, A. A. (2022). Characterization and optimization of magnetic Gum-PVP/SiO ₂ nanocomposite hydrogel for removal of contaminated dyes. <i>Materials Chemistry and Physics</i> , 280, 125731.	https://www.sciencedirect.com/science/article/pii/S0254058422000372?casa_token=k_3aLYcmVA4AAAAA:FozTG08J_StKwjL3uPO-xSO8S3D0r7YRtdoJqWnO27KJ7CfKzOeRZjZ1GN6qqoKS Wn6u_iIsEg

SDG (11): Sustainable Cities and Communities

No.	Name	Title	Journal Name	IF	Quartile	SJR	Quartile	Citation	Link
2.	Ahmed Labena Ahmed E. Abdelhamid Abeer S. Amin Shimaa Husien Liqaa Hamid Gehan Safwat Ayman Diab Adil A. Gobouri Ehab Azab	Removal of Methylene Blue and Congo Red Using Adsorptive Membrane Impregnated with Dried <i>Ulva fasciata</i> and <i>Sargassum dentifolium</i>	Plants	--	--	0.87	Q1	Labena, A., Abdelhamid, A. E., Amin, A. S., Husien, S., Hamid, L., Safwat, G., ... & Azab, E. (2021). Removal of methylene blue and congo red using adsorptive membrane impregnated with dried <i>Ulva fasciata</i> and <i>Sargassum dentifolium</i> . <i>Plants</i> , 10 (2), 384.	Plants Free Full-Text Removal of Methylene Blue and Congo Red Using Adsorptive Membrane Impregnated with Dried <i>Ulva fasciata</i> and <i>Sargassum dentifolium</i> (mdpi.com)
3.	Ahmed Labena Ahmed E. Abdelhamid Shimaa Husien Tarek Youssef Ehab Azab Adil A. Gobouri Gehan Safwat	Grafting of Acrylic Membrane Prepared from Fibers Waste for Dyes Removal: Methylene Blue and Congo Red	Separations	2.77	Q3	0.48	Q3	Labena, A., Abdelhamid, A. E., Husien, S., Youssef, T., Azab, E., Gobouri, A. A., & Safwat, G. (2021). Grafting of acrylic membrane prepared from fibers waste for dyes removal: methylene blue and congo red. <i>Separations</i> , 8(4), 42	Separations Free Full-Text Grafting of Acrylic Membrane Prepared from Fibers Waste for Dyes Removal: Methylene Blue and Congo Red (mdpi.com)

SDG (12): Responsible Consumption and Production

No.	Name	Title	Journal Name	IF	Quartile	SJR	Quartile	Citation	Link
1.	Ahmad Mustafa Fumiya Niikura Carlo Pastore Hoda A. Allam Omnia B. Hassan Muhamad Mustafa Abrar Inayat Sameh A. Salah Ahmed AbdelSalam Reham Mohsen	Selective Synthesis of Alpha Monoglycerides by a Clean Method: Techno Economic and Environmental Assessment	Sustainable Chemistry and Pharmacy	4.5	Q2	0.72	Q2	Mustafa, A., Niikura, F., Pastore, C., Allam, H. A., Hassan, O. B., Mustafa, M., ... & Mohsen, R. (2022). Selective synthesis of alpha monoglycerides by a clean method: Techno-economic and environmental assessment. <i>Sustain able Chemistry and Pharmacy</i> , 27, 100690.	https://www.sciencedirect.com/science/article/pii/S2352554122000948?casa_token=12I907xm0uUAAA:litQ1HN6QIBgZP3AYSBtFkn7lxPyuHHZapkFX8tFKNVAA3jWDZW4WZv3gXcAaGgD1reQW2oYYLc

SDG (15): Life on Land

No.	Name	Title	Journal Name	IF	Quartile	SJR	Quartile	Citation	Link
1.	Mohamed A. Abdelmonem Mohamed A. Kelany Manal Fawzy Reem Sheta Amr Ageez Sherein I. Abd El-Moez	Detection of SHIGA-TOXIN Producing <i>E. coli</i> in Some Retail Markets in Egypt using qPCR Assay with Special Reference to Serotyping	Advances in Environmental Biology	---	---	0.12	Q4	Abd El-Moez, I. (2022). Detection of SHIGA-TOXIN producing <i>E. coli</i> in some retail markets in Egypt using qPCR assay with special reference to serotyping.	https://www.researchgate.net/profile/Sherein-Abd-El-Moez/publication/359466421_Detection_of_SHIGA-TOXIN_producing_E_coli_in_some_retail_markets_in_Egypt_using_qPCR_as_say_with_special_reference_to_serotyping/link/s/623dc8d057084c718b6774cd/Detection-of-SHIGA-TOXIN-producing-E-coli-in-some-retail-markets-in-Egypt-using-qPCR-assay-with-special-reference-to-serotyping.pdf

SDG (16): Peace, Justice and Strong Institutions

No.	Name	Title	Journal Name	IF	Quartile	SJR	Quartile	Citation	Link
1.	Haidan M. El Shorbagy Shereen S. El-Liethy Mona K. Moussa Akmal A. Elghor	Carrier RNA is a Key Factor Affecting Fully Integrated Short Tandem Repeats Profiling in Challenging Forensic Samples Models	The Journal of Basic and Applied Zoology	----	----	----	----	El-Shorbagy, H. M., El-Liethy, S. S., Moussa, M. K., & Elghor, A. A. (2022). Carrier RNA is a key factor affecting fully integrated short tandem repeats profiling in challenging forensic samples models. <i>The Journal of Basic and Applied Zoology</i> , 83(1), 1-14.	Carrier RNA is a key factor affecting fully integrated short tandem repeats profiling in challenging forensic samples models SpringerLink