



Faculty of Pharmacy – MSA University
Staff publications related to Sustainable Development Goals (SDGs)

(2021 – 2022)



85
publications

5
publications



3
publications



Staff publications related to Sustainable Development Goals (SDGs) 2021-2022



Publication related to SDG 3 (Good health and well-being)

No .	Staff member	Article title	Journal/ Year/Volume/ Pages	Abstract Link
1	Assoc Prof Dr. Sarah S. Saleh	Trade-off efficacy and data processing strategy in the power of spectral resolution of co-formulated antihypertensive pharmaceuticals	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (2021); 247, 119080	http://repository.msa.edu.eg/xmlui/handle/123456789/4128
2	Prof. Dr. Dalia Mamdouh	Simultaneous determination of dantrolene and paracetamol in human plasma by liquid chromatography tandem mass spectrometry	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 1179 (2021) 122816	http://repository.msa.edu.eg/xmlui/handle/123456789/4615
3	Dr. Heba Elbalkiny/ Assoc Prof Dr. Sarah Saleh	Monitoring Imidazoline Derivatives via Functionalized Nano-Potentiometric Platforms in Aqueous Humor and Dosage Forms	Electroanalysis 2021, 33, 1– 9	http://repository.msa.edu.eg/xmlui/handle/123456789/4598
4	TA. Passant M. Medhat/ Dr. Christine M. El Maraghy	Influence of Nitrogen-Doped Carbon Dot and Silver Nanoparticle Modified Carbon Paste Electrodes on the Potentiometric Determination of Tobramycin Sulfate: A Comparative Study	Chemosensors 2021, Volume 9, Issue 3, 52	http://repository.msa.edu.eg/xmlui/handle/123456789/4466



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5	Dr. Omnia El-Naem / Dr. Christine M. El Maraghy	A validated liquid chromatography–tandem mass spectrometric method for determination of co-administered ranitidine and metronidazole in plasma of Human Volunteers	Analytical Methods 13, 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4570
6	Assoc Prof Dr. Sarah Saleh / Dr. Omnia El-Naem	Appraisal for Edible Use of Vegetable Crops Cultivated in Egypt after Treatment with Selected Insecticides and Fungicides: Insights of Dissipation Rates and Pre-Harvest intervals	Analytical Sciences, 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4623
7	Dr. Omnia El-Naem / Assoc Prof Dr. Sarah Saleh	Eco-friendly UPLC-MS/MS analysis of possible add-on therapy for COVID-19 in human plasma: Insights of greenness assessment	Microchemical Journal 166 (2021) 106234	http://repository.msa.edu.eg/xmlui/handle/123456789/4501
8	Dr. Heba Elbalkiny	Artificial networks for spectral resolution of antibiotic residues in bovine milk; solidification of floating organic droplet in dispersive liquid-liquid microextraction for sample treatment	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy Volume 266 , 120449	http://repository.msa.edu.eg/xmlui/handle/123456789/4741
9	Dr. Amr Abdel Hamid	The Impact of Single Nucleotide Polymorphism in the Long Non-coding MEG3 Gene on MicroRNA-182 and MicroRNA-29 Expression Levels in the Development of Breast Cancer in Egyptian Women	Frontiers in Genetics (2021), Aug 4;12:683809. doi: 10.3389/fgene.2021.683809	http://repository.msa.edu.eg/xmlui/handle/123456789/4652
10	Dr. Ahmed Maher	Novel 2,4-disubstituted quinazoline analogs as	Bioorganic Chemistry	http://repository.msa.edu.eg/xmlui/handle/123456789/4755



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		antibacterial agents with improved cytotoxicity profile: Optimization of the 2,4-substituents	Volume 117 , December 2021, 105422	
11	Dr. Ahmed Maher	Rolipram rescues memory consolidation deficits caused by sleep deprivation: Implication of the cAMP/PKA and cAMP/Epac pathways	CNS & Neurological Disorders - Drug Targets, Bentham Science Publisher, 2021 Aug 15.	http://repository.msa.edu.eg/xmlui/handle/123456789/4666
12	Dr. Ahmed Maher	From Celecoxib to a Novel Class of Phosphodiesterase 5 Inhibitors: Trisubstituted Pyrazolines as Novel Phosphodiesterase 5 Inhibitors with Extremely High Potency and Phosphodiesterase Isozyme Selectivity	Journal of Medicinal Chemistry. 2021 Apr 22; 64(8): 4462-4477	http://repository.msa.edu.eg/xmlui/handle/123456789/4495
13	Dr. Sherine Mamhoud	Association between Cluster of Differentiation 24 (CD24) Polymorphism, Talin-1 gene expression and Hepatocellular Carcinoma prevalence in Egyptian population	Archives of Medical Science, 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4659
14	Ass. Prof. Dr. Heba Magdy	High Risk of Potential Diarrheagenic <i>Bacillus cereus</i> in Diverse Food Products in Egypt	Journal of Food Protection, Vol. 84, No. 6, 2021, Pages 1033-1039	http://repository.msa.edu.eg/xmlui/handle/123456789/4360
15	Dr. Samira Hamed	Global dynamics of SARS-CoV-2 clades and their relation to COVID-19 epidemiology	Scientific Reports (2021) 11:8435	http://repository.msa.edu.eg/xmlui/handle/123456789/4216
16	Dr. Samira Hamed	Genomic Characterization of Extensively Drug-Resistant NDM-	Frontiers in Microbiology., 22 November 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4795



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		Producing <i>Acinetobacter baumannii</i> Clinical Isolates with the Emergence of Novel <i>bla</i> _{ADC-25}		
17	Dr. Lamiaa Ismail	Biosynthesis of raw starch degrading β -cyclodextrin glycosyltransferase by immobilized cells of <i>Bacillus licheniformis</i> using potato wastewater	Biocell, Vol.45, No.6, 2021, pp.1661-1672	http://repository.msa.edu.eg/xmlui/handle/123456789/4728
18	Dr. Dina Osama	Molecular Characterization of Carbapenemase- Producing <i>Klebsiella pneumoniae</i> Isolated from Egyptian Pediatric Cancer Patients Including a Strain with a Rare Gene-Combination of β -Lactamases	Infection and Drug Resistance, Volume 14, 2021, Pages 335-348	http://repository.msa.edu.eg/xmlui/handle/123456789/4422
19	L.A. Hams Moussa/ Assoc Prof Dr. Reham Wasfi/ Prof Dr. Salwa Megahed	High Counts and Anthracene Degradation Ability of <i>Streptococcus mutans</i> and <i>Veillonella parvula</i> Isolated from the Oral Cavity of Cigarette Smokers and Non-smokers	Front. Microbiol., 28 June 2021, Vol.12, Article 661509	http://repository.msa.edu.eg/xmlui/handle/123456789/4594
20	Mai Amer/ Assoc Prof Dr. Reham Wasfi	Indole Derivatives Obtained from Egyptian Enterobacter sp. Soil Isolates Exhibit Antivirulence Activities against Uropathogenic <i>Proteus mirabilis</i>	Antibiotics 2021, 10, 363.	http://repository.msa.edu.eg/xmlui/handle/123456789/4490
21	AL. Ramy Ramsis	Chemical and biological studies on the soft coral <i>Nephthea</i> sp.	RSC Advances, 2021, 11, 23654–23663. (Royal Society of Chemistry RSC) Advances	http://repository.msa.edu.eg/xmlui/handle/123456789/4608



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22	Prof. Dr. Yassin Nissan	Novel coumarin–pyrazoline hybrids: synthesis, cytotoxicity evaluation and molecular dynamics study.	New Journal of Chemistry, <u>Issue 40, 2021</u>	http://repository.msa.edu.eg/xmlui/handle/123456789/4746
23	Prof. Dr. Yassin Nissan	Synthesis and biological evaluation of new coumarin derivatives as cytotoxic agents.	<u>Archiv der Pharmazie</u> 354(8), 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4545
24	Prof. Dr. Yassin Nissan	Non-ulcerogenic pyrazolyl 2-hydroxychalcones and pyrazolylpyrazolines derived from naturally existing furochromone (khellin): semi-synthesis, docking study and anti-inflammatory activity	<u>Natural Product Research</u> Formerly Natural Product Letters, Apr 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4497
25	AL. Dina Osman ²	Design, synthesis and evaluation of new quinazolin-4-one derivatives as apoptotic enhancers and autophagy inhibitors with potent antitumor activity	<u>European Journal of Medicinal Chemistry</u> <u>Volume 222</u> , 15 October 2021, 113609	http://repository.msa.edu.eg/xmlui/handle/123456789/4586
26	Dr. Rana Refaey / Prof. Yassin Nissan	Repurposing of renin inhibitors as SARS-COV-2 main protease inhibitors: A computational study	Virology. 2021 Feb;554:48-54	http://repository.msa.edu.eg/xmlui/handle/123456789/4283
27	Dr Mohamed Salah	Discovery of novel 6-hydroxybenzothiazole urea derivatives as dual Dyrk1A/ α -synuclein aggregation inhibitors with neuroprotective effects	<u>European Journal of Medicinal Chemistry</u> <u>Volume 227</u> , 5 January 2022, 113911	http://repository.msa.edu.eg/xmlui/handle/123456789/4753



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28	Dr. Hadir Rostom	A Multidisciplinary Approach in Pharmacovigilance Awareness: ISoP Egypt Chapter's MedSafety Week Experience	Drug Safety https://doi.org	http://repository.msa.edu.eg/xmlui/handle/123456789/4672
29	TA. <u>Heba H Tolba</u>	Development, Optimization, and Antifungal Assessment of Ocular Gel Loaded With Ketoconazole Cubic Liquid Crystalline Nanoparticles	Journal of Pharmaceutical Sciences. 2021 May;110(5):2210-2220	http://repository.msa.edu.eg/xmlui/handle/123456789/4447
30	Prof Eman Saddar	Formulation and Evaluation of Topical Biodegradable Films Loaded with Levofloxacin Lipid Nanoparticles	American Association of Pharmaceutical Scientists AAPS Pharm Sci Tech (2022) 23:34	http://repository.msa.edu.eg/xmlui/handle/123456789/4809
31	Prof. Dr. Hanan M. El-Laithy /Dr. Omar Elkady	Nebulization of Risedronate Sodium Microspheres for Potential Attenuation of Pulmonary Emphysema: a Promising New Insight of Alveolar Macrophage Apoptosi	American Association of Pharmaceutical Scientists AAPS Pharm Sci Tech (2021) 22:202	http://repository.msa.edu.eg/xmlui/handle/123456789/4607
32	Dr. Mervat Shafik/ Dr. Nihal El Mahdy/ Dr.Shereen Noshi	Quality by Design (QBD) as a Tool for the Optimization of Indomethacin Freeze-Dried Sublingual Tablets: In Vitro and In Vivo Evaluation	International Journal of Applied Pharmaceutics 13 (5) 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4722
33	Prof. Dr. Shahira Ezzat, Assoc Prof. Dr. Mahitab El-Bishbishy	Herbal cosmeticology	Phytopharmaceuticals and Technology. Book Chapter 7	http://repository.msa.edu.eg/xmlui/handle/123456789/4140



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34	Prof. Dr. Shahira Ezzat	Hesperetin's health potential: moving from preclinical to clinical evidence and bioavailability issues, to upcoming strategies to overcome current limitations	Critical reviews in food science and nutrition	http://repository.msa.edu.eg/xmlui/handle/123456789/4407
35	Prof. Dr. Shahira Ezzat	The use of aromatic plants and their therapeutic potential as antiviral agents: A hope for finding anti-COVID 19 essential oils	Journal of essential oil research (2021) v.33(2) pp. 105-113	http://repository.msa.edu.eg/xmlui/handle/123456789/4437
36	Prof. Dr. Shahira Ezzat	Delineating A Potent Antiviral Activity Of Cuphea Ignea Extract Loaded 2 Nano-formulation Against SARS-CoV-2: In Silico And In Vitro Studies	Journal of Drug Delivery Science and Technology (2021) Dec: 66:102845	http://repository.msa.edu.eg/xmlui/handle/123456789/4851
37	Prof. Dr. Shahira Ezzat	Anti-estrogenic and anti-aromatase activities of citrus peels major compounds in breast cancer	Scientific reports (2021) 11:7121	http://repository.msa.edu.eg/xmlui/handle/123456789/4489
38	Prof. Dr. Shahira Ezzat	Application of a comprehensive metabolomics approach for the selection of flaxseed varieties with the highest nutritional and medicinal attributes	JOURNAL OF FOOD AND DRUG ANALYSIS 2021;29: 214e239	http://repository.msa.edu.eg/xmlui/handle/123456789/4588



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39	Prof. Dr. Shahira Ezzat	The food plant <i>Silybum marianum</i> (L.) Gaertn.: Phytochemistry, Ethnopharmacology and clinical evidence	Journal of Ethnopharmacology 265 (2021) 113303	http://repository.msa.edu.eg/xmlui/handle/123456789/3808
40	Prof. Dr. Shahira Ezzat	Immunomodulatory effect of Noni fruit and its isolates: insights into cell-mediated immune response and inhibition of LPS-induced THP-1 macrophage inflammation	Food & Function, 7;12(7):3170-3179 2021.	http://repository.msa.edu.eg/xmlui/handle/123456789/4481
41	Prof. Dr. Shahira Ezzat	<i>Hibiscus sabdarifa</i> L.: phytoconstituents, nutritive, and pharmacological applications	Advances in Traditional Medicine (2021)	https://link.springer.com/article/10.1007/s13596-020-00542-7
42	Prof. Dr. Shahira Ezzat	Rutin Ameliorates Hepatic Fibrosis via Targeting Hepatic Stellate Cells' Activation, Proliferation and Apoptosis	JOURNAL OF HERBS, SPICES & MEDICINAL PLANTS 2021, VOL. 27, NO. 3, 322–341	http://repository.msa.edu.eg/xmlui/handle/123456789/4563
43	Prof. Dr. Shahira Ezzat	<i>Thymelaea</i> genus: Ethnopharmacology, Chemodiversity, and Bioactivities	South African Journal of Botany 142 (2021) 175-192	http://repository.msa.edu.eg/xmlui/handle/123456789/4609
44	Prof. Dr. Shahira Ezzat	Identification and analysis of toxic phytochemicals	Phytochemistry, the Military and Health, 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4451
45	Prof. Dr. Shahira Ezzat	<u>Important antihistaminic plants and their potential role in health</u>	Phytochemistry, the Military and Health, 2021 Chapter 5	http://repository.msa.edu.eg/xmlui/handle/123456789/4450



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46	Prof. Dr. Shahira Ezzat	Plants against malarial and typhoid fever	Phytochemistry, the Military and Health Phytotoxins and Natural Defenses;2021, Pages 285-312 16	http://repository.msa.edu.eg/xmlui/handle/123456789/4452
47	Prof. Dr. Shahira Ezzat	Psychoactive plants and phytochemicals	Phytochemistry, the Military and Health;2021, Pages 121-150 7	http://repository.msa.edu.eg/xmlui/handle/123456789/4453
48	Prof. Dr. Shahira Ezzat	Biochemical and pharmacotherapeutic potentials of lycopene in drug discovery	Health Benefits of Nutraceuticals. Book Chapter 18 (2021)	http://repository.msa.edu.eg/xmlui/handle/123456789/4334
49	Dr. <u>Ibrahim E Sallam</u>	Effect of Gut Microbiota Biotransformation on Dietary Tannins and Human Health Implications	Dr. Ibrahim E Sallam	http://repository.msa.edu.eg/xmlui/handle/123456789/4542
50	Ass. Prof. Dr. Riham Omar Bakr	The metabolomic analysis of five Mentha species: cytotoxicity, anti-Helicobacter assessment, and the development of polymeric micelles for enhancing the anti-Helicobacter activity.	Ass. Prof. Dr. Riham Omar Bakr	http://repository.msa.edu.eg/xmlui/handle/123456789/4431
51	Ass. Prof. Dr. Riham Omar Bakr	New Adenosine Derivatives from Aizoon canariense L.: In Vitro Anticholinesterase, Antimicrobial, and Cytotoxic Evaluation of Its Extracts.	Molecules 2021, 26, 1198.	http://repository.msa.edu.eg/xmlui/handle/123456789/4443



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52	Prof. Dr. Shahira Ezzat, Assoc Prof. Dr. Mahitab El-Bishbishy	Molecular Networking Leveraging the Secondary Metabolomes Space of <i>Halophila stipulaceae</i> (Forsk.) Aschers. and <i>Thalassia hemprichii</i> (Ehrenb. ex Solms) Asch. in Tandem with Their Chemosystematics and Antidiabetic Potentials	Marine Drugs 2021, 19, 279	http://repository.msa.edu.eg/xmlui/handle/123456789/4569
53	Prof. Dr. Shahira Ezzat, Assoc Prof. Dr. Eman Sherien	Isolation of secondary metabolites from the mediterranean sponge species; <i>Hemimycale columella</i> and its biological properties	SN Applied Sciences (2021) 3:207	http://repository.msa.edu.eg/xmlui/handle/123456789/4406
54	Prof. Dr. Shahira Ezzat, Assoc Prof. Dr. Eman Sherien	Phenolics from <i>Physalis peruviana</i> fruits ameliorate streptozotocin-induced diabetes and diabetic nephropathy in rats via induction of autophagy and apoptosis regression	Biomedicine and Pharmacotherapy. 142, 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4654
55	Dr. Doaa Abou El-ezz	Pharmacological Evaluation of Novel Organoiron Dendrimers as Antimicrobial and Anti-Inflammatory Agents	Macromolecular Bioscience 2021, 21, 2000242	http://repository.msa.edu.eg/xmlui/handle/123456789/4197



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56	Dr. Doaa Abou El-ezz	Synthesis, DFT Calculations, Antiproliferative, Bactericidal Activity and Molecular Docking of Novel Mixed-Ligand Salen/8-Hydroxyquinoline Metal Complexes	Molecules 2021, 26, 4725.	http://repository.msa.edu.eg/xmlui/handle/123456789/4660
57	Dr. Doaa Abou El-ezz	Aspirin-Based Organoiron Dendrimers as Promising Anti-Inflammatory, Anticancer, and Antimicrobial Drugs	Biomolecules 11(11), 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4754
58	Dr Mai Abd El Hafez	Presence of Donor Lymph Nodes within Vascularized Composite Allotransplantation Ameliorates VEGF-C-mediated Lymphangiogenesis and Delays the Onset of Acute Rejection	Transplantation. 2021 ,105(8): 1747-1759	http://repository.msa.edu.eg/xmlui/handle/123456789/4650
59	Dr. Maha Shouman	Antisense Tissue Factor Oligodeoxynucleotides Protected Diethyl Nitrosamine/Carbon Tetrachloride-Induced Liver Fibrosis Through Toll Like Receptor4-Tissue Factor-Protease Activated Receptor1 Pathway	Frontiers in Pharmacology 12, 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4579



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60	Assoc Prof Ahmed Fayez	Thioacetamide-induced acute hepatic encephalopathy: central vs peripheral effect of Allicin	Metabolic Brain Disease 2021 Aug;36(6):1331-1340	http://repository.msa.edu.eg/xmlui/handle/123456789/4484
61	Dr Sameh Gad/ Assoc Prof Ahmed Fayez/ Mahmoud Abdelaziz/ Dr Doaa Abou El-ezz	Amelioration of autoimmunity and infammation by zinc oxide nanoparticles in experimental rheumatoid arthritis	Naunyn-Schmiedeberg's Archives of Pharmacology July 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4446
62	Dr Heba Awad/ Prof Amany El-Brairy	Comparative study on beneficial effects of vitamins B and D in attenuating doxorubicin induced cardiotoxicity in rats: Emphasis on calcium homeostasis	Biomedicine & Pharmacotherapy 140 (2021) 111679	http://repository.msa.edu.eg/xmlui/handle/123456789/4580
63	Dr Reem Ali/Prof Amany El-Brairy	Palonosetron/Methyllycaconitine Deactivate Hippocampal Microglia 1, Inflammasome Assembly and Pyroptosis to Enhance Cognition in a Novel Model of Neuroinflammation	<i>Molecules</i> 2021, 26(16), 5068	http://repository.msa.edu.eg/xmlui/handle/123456789/4670
64	Dr Lobna Abdel Wahab/ Prof Amany El-Brairy	Targeting the Oxytocin System to Ameliorate Early Life Depressive-Like Behaviors in Maternally-Separated Rats	Biological and Pharmaceutical Bulletin. 2021 Oct 1;44(10):1445-1457	http://repository.msa.edu.eg/xmlui/handle/123456789/4648



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65	Assoc Prof Dr. Abdulaziz Mohsen Al-Mahallawi	Potential therapeutic and pharmacological strategies for SARS-CoV2	Journal of Pharmaceutical Investigation. 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4477
66	Assoc Prof Dr. Abdulaziz Mohsen Al-Mahallawi	Norfloxacin loaded nano-cubosomes for enhanced management of otitis externa: In vitro and in vivo evaluation	International Journal of Pharmaceutics 600 (2021) 120490	https://www.sciencedirect.com/science/article/abs/pii/S0378517321002957
67	Assoc Prof Dr. Abdulaziz Mohsen Al-Mahallawi	Investigation of the Potential of Nebivolol Hydrochloride-Loaded Chitosomal Systems for Tissue Regeneration: In Vitro Characterization and In Vivo Assessment	Pharmaceutics 2021, 13, 700	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8150897/
68	Assoc Prof Dr. Abdulaziz Mohsen Al-Mahallawi	Enhanced ocular delivery of clotrimazole via loading into mucoadhesive microemulsion system: In vitro characterization and in vivo assessment	Journal of Drug Delivery Science and Technology 64 (2021) 102561	http://repository.msa.edu.eg/xmlui/handle/123456789/4575
69	Assoc Prof Nada Elnaidany	B-type natriuretic peptide (BNP) in HCV positive Egyptian patients: the impact of HCV eradication on plasma BNP levels	Egyptian Liver Journal (2021) 11:62	http://repository.msa.edu.eg/xmlui/handle/123456789/4655
70	Assoc Prof Nada Elnaidany	Methimazole in the treatment of Melasma: A clinical and dermoscopic study	Journal of clinical and Aesthetic dermatology, 14(2):14-20	http://repository.msa.edu.eg/xmlui/handle/123456789/4566
71	Prof Dr Shahira Ezzat/Dr Nihal Mahdy/ Dr Mai F. Ragab	Rivastigmine	(Book Chapter) (2020)	http://repository.msa.edu.eg/xmlui/handle/123456789/4271



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72	Ass Prof Ahmed Fayed / Dr Nabila Sweed/ Dr Marwa Hamdi	Response surface optimization of self nano-emulsifying drug delivery system of rosuvastatin calcium for hepatocellular carcinoma	Journal of Pharmaceutical Investigation (2021) 51, 85–101	http://repository.msa.edu.eg/xmlui/handle/123456789/3770
73	Prof. Dr. Hanan El-Laithy/ Assoc Prof Dr. Ahmed Maher	<u>Enhanced alveo pulmonary deposition of nebulized ciclesonide for attenuating airways inflammations: a strategy to overcome metered dose inhaler drawbacks</u>	Drug Delivery (2021) 28(1): 826-843	http://repository.msa.edu.eg/xmlui/handle/123456789/4559
74	Ass. Prof. Reham Amer/ Prof. Ghada Yassin/ Dr. Reem A. Mohamed/ Ass. Prof. Dr. Ahmed Fayed	Pharmaceutical and Pharmacological Evaluation of the Effect of Nano-Formulated Spironolactone and Progesterone on Inflammation and Hormonal Levels for Managing Hirsutism Experimentally Induced in Rats	AAPS PharmSciTech (2021) 22:204	http://repository.msa.edu.eg/xmlui/handle/123456789/4620
75	Ass. Prof. Dr. Riham Bakr / Ass. Prof. Reham Amer/ Dr. Mai Abdelhafez/ Dr. Sameh S. Gad	In-vivo wound healing activity of a novel composite sponge loaded with mucilage and lipoidal matter of Hibiscus species.	Biomedicine & Pharmacotherapy 135 (2021) 111225	http://repository.msa.edu.eg/xmlui/handle/123456789/4333
76	Ass. Prof. Reham Amer/ Prof. Shahira Ezzat; Ass. Prof. Nora Aborehab/ Dr. Mai Ragab/ Prof. Dalia	Down regulation of MMP1 expression mediates the anti-aging activity of Citrus sinensis peel extract nanoformulation in UV induced photoaging in mice.	Biomedicine & Pharmacotherapy 138 (2021) 111537	http://repository.msa.edu.eg/xmlui/handle/123456789/4499



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	Mohamed/ Dr. Amira Hashad/ Ass. Prof. Mahitab Helmy			
77	Ass. Prof. Riham Bakr/ Ass. Prof. Soumaya Zaghoul/ Ass. Prof. Reham Amer/ Ass. Prof. Dalia Abd Elaty Mostafa/ Ass. Prof. Mahitab Helmy	Formulation, Characterization and Antimicrobial efficacy of Aegle marmelos Essential oil nanogel.	Research Journal of Pharmacy and Technology . 14(7): July 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4674
78	Assoc Prof Eman Mostafa/ Assoc Prof Ahmed Maher/ Assoc Prof Dalia Mostafa/ Dr Sameh Gad	A Unique Acylated Flavonol Glycoside from Prunus persica (L.) var. Florida Prince: A New Solid Lipid Nanoparticle Cosmeceutical Formulation for Skincare	Antioxidants 2021, 10, 436.	http://repository.msa.edu.eg/xmlui/handle/123456789/4464
79	Assoc Prof Mahitab Helmi/ Assoc Prof Dalia Mostafa	Natural Approaches to Whiten the Dental Enamel Surface Versus the Conventional Approaches	Research Journal of Pharmacy and Technology 14(7): July 2021	https://rjptonline.org/AbstractView.aspx?PID=2021-14-7-26
80	Assoc Prof Riham Bakr/ Esraa Shahat/ Assoc Prof Ahmed Fayez	Evaluation of the hepatoprotective activity of Pulicaria incisa subspecies candolleana and in silico screening of its isolated phenolics	Journal of Ethnopharmacology 271 (2021) 113767	http://repository.msa.edu.eg/xmlui/handle/123456789/4330



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81	Dr Sherine Ibrahim - Assoc Prof Ahmed Fayez - Assoc Prof Ahmed Maher	Mesenchymal Stromal Cells Suppress Hepatic Fibrosis Via Modulating the Expression of 2 Fibronectin and Integrin and Inhibiting DNA Fragmentation in Rats	Archives of Medical Science (2021)	http://repository.msa.edu.eg/xmlui/handle/123456789/4502
82	Prof Shahira Ezzat, Dr Mervat Shafik, Dr Nehal El-Mahdy	Toxicity of Nanoparticles in Biomedical Application: Nanotoxicology	Journal of Toxicology Volume 2021, Article ID 9954443, 21 pages	http://repository.msa.edu.eg/xmlui/handle/123456789/4631
83	Dr. Mai Amin/ Dr. Amr Abdel Hamid	The cardioprotective effect of astaxanthin against isoprenaline-induced myocardial injury in rats: involvement of TLR4/NF-κB signaling pathway	European Review for Medical and Pharmacological Sciences. 25 (2021): 4099-4105	http://repository.msa.edu.eg/xmlui/handle/123456789/4595
84	Dr. Mai Amin/ Dr. Amr Abdel Hamid	The cardioprotective effect of microRNA-103 inhibitor against isoprenaline-induced myocardial infarction in mice through targeting FADD/RIPK pathway	European Review for Medical and Pharmacological Sciences. 25 (2021): 837-844	http://repository.msa.edu.eg/xmlui/handle/123456789/4438
85	Dr Marwa Dawoud/ Assoc Prof Ahmed Fayez/ Dr Reem Mohamed/ Dr Nabila Sweed	Optimization of nanovesicular carriers of a poorly soluble drug using factorial design methodology and artificial neural network by applying quality by design approach	Pharmaceutical Development and Technology. Sep 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/4699



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Publication related to SDG 6 (Clean water and sanitation)

No.	Staff member	Article title	Journal/ Year/Volume/ Pages	Abstract Link
1	Prof. Dr. Salwa A. Megahed	Spatiotemporal Analysis of the Water and Sediment Nile Microbial Community Along an Urban Metropolis	Microbial Ecology, - 11 (2021)	http://repository.msa.edu.xmlui/handle/123456789/4331
2	Dr Hussein Nassar	Biosynthesized magnetite nanoparticles as an environmental opulence and sustainable wastewater treatment.	Science of the Total Environment, 774:145610, 2021	http://repository.msa.edu.xmlui/handle/123456789/4421
3	Dr Hussein Nassar	Animal bone affluence in environmental reclamation: Biodiesel production, petrodiesel biodesulfurization and wastewater photo-treatment.	Animal bone Biofuels, Bioproducts and Biorefining 15 (3), 770-792, 2021	http://repository.msa.edu.xmlui/handle/123456789/4449
4	Dr Hussein Nassar	Sustainable Phycoremediation of Xenobiotics Polluted Water	Biofuels, Bioproducts and Biorefining 15 (3), 770-792, 2021	http://repository.msa.edu.xmlui/handle/123456789/4135
5	Prof. Dr. Shahira Ezzat	Emerging pollutants in Nigeria: A systematic review	Environmental Toxicology and Pharmacology Volume 85, July 2021, 103638	http://repository.msa.edu.xmlui/handle/123456789/4482



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Staff publications related to Sustainable
Development Goals (SDGs)
2021-2022



Publication related to SDG 9 (Industry, Innovation and Infrastructure)

No.	Staff member	Article title	Journal/ Year/Volume/ Pages	Abstract Link
1	Dr Hussein Nassar	Petroleum Nanobiotechnology: Modern Applications for a Sustainable Future	BOOK CRC PRESS (2021)	https://www.taylorfrancis.com/books/mono/10.1201/9781003160564/petroleum-nanobiotechnology-nour-shafik-el-gendy-hussein-nabil-nassar-james-speight
2	Dr Hussein Nassar	Biodesulfurization of refractory sulfur compounds in petrodiesel by a novel hydrocarbon tolerable strain <i>Paenibacillus glucanolyticus</i> HN4	Environmental Science and Pollution Research 28 (7), 8102-8116, 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/3994
3	Dr Hussein Nassar	<u>Bioremediation of mandarin waste peels into silver nanoparticles and activated carbon</u>	International Journal of Environmental Science and Technology 18 (5), 1119-1134, 2021	http://repository.msa.edu.eg/xmlui/handle/123456789/3801