**2019**

* Nature-inspired Polymerization of Quercetin to Produce Antioxidant Nanoparticles with Controlled Size and Skin Tone Matching Colors.

Sunoqrot S, Al-Shalabi E, Hasan Ibrahim L, Zalloum H.

*Molecules*, *24*(21), 3815.

Link: <https://www.mdpi.com/1420-3049/24/21/3815>

* Pancreatic lipase inhibitory activity of selected pharmaceutical agents.

Hamdan II, Kasabri VN, Al-Hiari YM, El-Sabawi D, Zalloum H.

Acta Pharmaceutica. 2019 Mar 1;69(1):1-6.

Link: <https://content.sciendo.com/view/journals/acph/69/1/article-p1.xml>

* Two-Step Approach Based on Solution Mixing and Hot Compaction for CNT/HDPE Nanocomposite Preparation.

Jaffal A, Abu-Zurayk R, Al-Hussein M.

International Journal of ELECTROCHEMICAL SCIENCE, 14 (2019) 6488 – 6499.

Link: <http://electrochemsci.org/papers/vol14/140706488.pdf>

* Genetic and Phenotypic Parameters for Wild *Avena* Species Using AFLP Molecular Markers.

Akash M, Saoub H, Alhassan LH, Zatimeh A, Hasan S, Al-Antary TM.

Fresenius Environmental Bulletin, 28(11), 8292-8300.

Link: <https://scholar.googleusercontent.com/scholar?q=cache:bMaHg_MSqQkJ:scholar.google.com/+%E2%80%A2%09Genetic+and+Phenotypic+Parameters+for+Wild+Avena+Species+Using+AFLP+Molecular+Markers+&hl=en&as_sdt=0,5&as_ylo=2019>

* Manipulating Some Culturing Conditions Enhances Production of Solanine in Microshoots, Callus and Cell suspension Cultures of *Solanum nigrum* L.: A Wild Medicinal Plant.

AL- Kiyyam M, Shibli R, Tahtamouni R, AlQudah T, Abu-Iramaileh B.

Journal of Agricultural and Marine Sciences, Volum 24. 2019

Link: <https://www.researchgate.net/publication/339172443_Manipulating_Some_Culturing_Conditions_Enhances_Production_of_Solanine_in_Microshoots_Callus_and_Cell_suspension_Cultures_of_Solanum_nigrum_L_A_Wild_Medicinal_Plant>

* Developing and Characterization of Chemically Modified RNA Aptamers for Targeting Wild Type and Mutated c‑KIT Receptor Tyrosine Kinases.

Shraim AA, Hunaiti A, Awidi A, Alshaer W, Ababneh NA, Abu-Irmaileh B, Odeh F, Ismail S.

Journal of Medicinal Chemistry (2019), DOI: 10.1021/acs.jmedchem.9b00868

Link: <https://pubs.acs.org/doi/abs/10.1021/acs.jmedchem.9b00868>

* Investigating Antimicrobial Potential of in vitro Grown Microshoots and Callus Cultures of *Ammi visnaga* (L.) Lam.

Al-Saleh MM, Shibli RA, Al-Qadiri HM, Tahtamouni RW, Darwish MM, Al-Qudah TS.

Jordan Journal Biological Sciences., 2019: 12(7): 43-48

Link: <http://www.jjbs.hu.edu.jo/files/vol12/n1/Binder12n1.pdf#page=57>

* Effect of drying process on physical and chemical properties of 'medjool' date palm fruits.

Alsmairat N, Al-Qudah T, El-Assi N, Mehyar G, Gammoh I, Othman YA, Araj SE, Al-Antary TM. Fresenius Environmental Bulletin, 2019: 28 ( 2A): 1552-1559

Link: <https://d1wqtxts1xzle7.cloudfront.net/61060323/EFFECT_OF_DRYING_PROCESS_ON_PHYSICAL_AND20191029-14699-78eges.pdf?1572375377=&response-content-disposition=inline%3B+filename%3DEFFECT_OF_DRYING_PROCESS_ON_PHYSICAL_AND.pdf&Expires=1593003806&Signature=FwShH1nlzO5Cvmo7yaP3Wob44FlfNIn4Rme9~EsQE3xDol5rWpSaKuyRCP3A2Y76dvI1oeWCatV4gQDNMAeilMhdji8GFkIf4cp7S4Rg5PxG1iTpuiNBJsD6nA4~B7s3GviQtf-mVCZntsmybSTAgRiLgyXsaQ~j9AEUgZjDKkfsdqCuxL8unRxHrfZIgb35Fa71rONyrQ-FZGLICSjZWDu00vUI7gi5~nalaFmKcMeqX5Wr-65YMTOG5NW04mXyN1GVrEW5-eWEMHWQM3fDvwysENbhG6SmZBFipi3PHuoGO~yBCYLVD5mONayqQAVGW1N~FHoKtfVGXetlq~xFnQ__&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA>

* The Evaluation of Potential Cytotoxic Effect of Different Proton Pump Inhibitors on Different Human Cancer Cell Lines.

Qasem A, Kasabri V, AbuRish E, Bustanji Y, Al-Hiari Y, Al-Abbasi R, Abu-Irmaileh B, Alalawi S.

Anti-Cancer Agents in Medicinal Chemistry, 20, 2019

Link: <https://www.ingentaconnect.com/contentone/ben/acamc/2020/00000020/00000002/art00005>

* Comparative anti-proliferative effects of potential HER2 inhibitors on a panel of breast cancer cell lines.

Zalloum H, AbuThiab T, Hameduh T, AlBayyari S, Zalloum W, Mubarak MS, Zihlif M.

Breast Cancer, 2019

Link: <https://link.springer.com/article/10.1007/s12282-019-01011-z>

* Electronic and Magnetic Structure and Elastic and Thermal Properties of Mn2-Based Full Heusler Alloys

Inshad Jum’h, S. Sâad essaoud, H. Baaziz, Z. Charifi, Ahmad Telfah,

Journal of Superconductivity and Novel Magnetism (2019), DOI: 10.1007/s10948-019-5095-3

Link: <https://link.springer.com/article/10.1007/s10948-019-5095-3>

* Genetic Diversity of Solanum elaeagnifolium, an Invasive Problematic Weed in Jordan.

Qasem, J. R., Al Abdallat, A. M., and Hasan, S. M. (2019).

Weed Research, 59(3), 222-234.

Link: <https://onlinelibrary.wiley.com/doi/abs/10.1111/wre.12360>

* [Preparation and characterization of polyethylene/cellulose composite with diatomite and bentonite as fillers](javascript:void(0))

R Abu-Zurayk, I Hamadneh, AH Al-Dujaili,

Polymer-Plastics Technology and Materials, <https://doi.org/10.1080/25740881.2019.1669652>

Link: <https://www.tandfonline.com/doi/full/10.1080/25740881.2019.1669652>

* Micropropagation and Conservation of Fig (Ficus Carica L.)

Shatnawi A., Shibli R.A; Shahrour W., Abu-ZahraT., Al Qudah T

Journal of Advances in Agriculture, 2019: 10: 2349-0837

Link:

* Evaluation of Phenotype and Genotype Characteristics of Selected Carrot (Daucus Aarota L.).

Shiyab, S., Al Antary, T. M., Othman, Y., Ibrahim Alshomali, I., Hasan, S. and Akash, M. (2019).

Fresenius Environmental Bulletin, 28(10):7523-7529.

Link: [https://www.researchgate.net/profile/Ayse\_Oezdemir4/publication/335572518\_EFFECTS\_OF\_MENTHA\_SPICATA\_L\_EXTRACTS\_ON\_HORMONAL\_REGULATION\_OF\_ENERGY\_METABOLISM\_IN\_RATS\_WITH\_HYPERCHOLESTEROLEMIA\_AND\_HYPERLIPIDEMIA/links/5d6e5a37a6fdcc547d75e83b/EFFECTS-OF-MENTHA-SPICATA-L-EXTRACTS-ON-HORMONAL-REGULATION-OF-ENERGY-METABOLISM-IN-RATS-WITH-HYPERCHOLESTEROLEMIA-AND-HYPERLIPIDEMIA.pdf#page=513](https://www.researchgate.net/profile/Ayse_Oezdemir4/publication/335572518_EFFECTS_OF_MENTHA_SPICATA_L_EXTRACTS_ON_HORMONAL_REGULATION_OF_ENERGY_METABOLISM_IN_RATS_WITH_HYPERCHOLESTEROLEMIA_AND_HYPERLIPIDEMIA/links/5d6e5a37a6fdcc547d75e83b/EFFECTS-OF-MENTHA#page=513)

* Ab initio full-potential study of the fundamental properties of chalcopyrite semiconductors XPN2(X = H, Cu)

T Ghellab, H Baaziz, Z Charifi, K Bouferrache, M A Saeed and A Telfah, “”,

[Materials Research Express](https://iopscience.iop.org/journal/2053-1591), (2019).

Link: <https://iopscience.iop.org/article/10.1088/2053-1591/ab1325/meta>

* Mango ginger (Curcuma amada Roxb.): A phytochemical mini review

Tamara S. Al-Qudah , Saida Abu Malloh , Aamir Nawaz , Muhammad Adnan Ayub , Shafaq Nisar, Muhammad Idrees Jilani and Tamadour Said Al-Qudah,

International Journal of Chemical and Biochemical Sciences (ISSN 2226-9614, 11:51-57, 2019

Link: <https://www.researchgate.net/profile/Shafaq_Nisar3/publication/336135044_Mango_ginger_Curcuma_amada_Roxb_A_phytochemical_mini_review/links/5d91d02a92851c33e948a172/Mango-ginger-Curcuma-amada-Roxb-A-phytochemical-mini-review.pdf>

* Anti-proliferative effect of potential LSD1/CoREST inhibitors based on molecular dynamics model for treatment of SH-SY5Y neuroblastoma cancer cell line.

**Zalloum H,** Zalloum W, Hameduh T, Sadaalhanjori A, Zihlif M.

Proceedings of Academics World 142th International Conference, London UK, 18th-19th Aug, 2019. Pages 56-62.

Link: