

LIST OF PUBLICATIONS IN 2021 ((MALE BRANCH))

S. No	List pf publications (Authors list, Title, Journal, 2021, Vol. Page)	Quartile (Q1/Q2/Q3/ Q4)	No. of citations*	Publication Link
1.	Saravanan Rajendrasozhan			
	Saravanan Rajendrasozhan , Hani El Moll, Mejdi Snoussi, Ramy M Romeilah, Emad A Shalaby, Kareem M Younes, Hossam S El-Beltagi. Phytochemical screening and antimicrobial activity of various extracts of aerial parts of <i>Rhanterium epapposum</i> . <i>Processes</i> 9 (8), 1351.	Q3	1	https://www.mdpi.com/2227-9717/9/8/1351
	Kareem M Younes, Ramy M Romeilah, Hossam S El-Beltagi, EL Hani, Saravanan Rajendrasozhan , Hany A El-Shemy, Emad A Shalaby. In-vitro evaluation of antioxidant and antiradical potential of successive extracts, semi-purified fractions and biosynthesized silver nanoparticles of <i>Rumex vesicarius</i> . <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> 49 (1), 12293-12293.	Q3	1	https://www.notulaeobotanicae.ro/index.php/nbha/article/view/12293
	Antioxidant and cytotoxic activities of <i>Artemisia monosperma</i> L. and <i>Tamarix aphylla</i> L. essential oils. Ramy M Romeilah, Hossam S El-Beltagi, Emad A Shalaby, Kareem M Younes, EL Hani, Saravanan Rajendrasozhan , Heba Mohamed. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> 49 (1), 12233-12233	Q3	2	https://notulaeobotanicae.ro/index.php/nbha/article/view/12233
	S Rajendrasozhan , EN Ads, AS Abouzied, JR Humaidi. In vitro cytotoxicity analysis of <i>Zizyphus spina-christi</i> stem bark extract on human cancer cell lines. <i>Bioinformation</i> 17 (5), 583-592	-	-	http://www.bioinformation.net/017/97320630017583.pdf
2.	Mohd Wajid Ali Khan			
	Khan MWA , Otaibi AA, Alhumaid AFM, Alsukaibi AKD, Alshamari AK, Alshammari EM, Al-Zahrani SA, Almudryani AYM, Sherwani S. Garlic Extract: Inhibition of Biochemical and Biophysical Changes in Glycated HSA. <i>Applied Sciences</i> 2021;11(22):11028.	Q3	0	https://www.mdpi.com/2076-3417/11/22/11028

Otaibi AA, Sherwani S, Al-Zahrani SA, Alshammari EM, Khan WA, Alsukaibi AKD, Khan SN, Khan MWA . (2021) Biologically active α -amino amide analogs and $\gamma\delta$ T cells-A unique anticancer approach for leukemia. <i>Front Oncol.</i> 11:706586. (0.25) [Q2; IM: 6.244]	Q2	3	https://www.frontiersin.org/article/10.3389/fonc.2021.706586/full
Khan MWA , Sherwani S, Khan S, Alouffi S, Alam M, Al-Motair K, Khan S. Insights into multifunctional nanoparticle-based drug delivery systems for glioblastoma treatment. <i>Molecules</i> 2021;26(8):2262. (Review)	Q2	1	https://www.mdpi.com/1420-3049/26/8/2262
Khan MWA , Otaibi AA, Sherwani S, Alshammari EM, Alzahrani SA, Khan WA, Alsukaibi A, Alouffi S, Khan SN. Optimization of methods for peripheral blood mononuclear cells isolation and expansion of human gamma delta T cells. <i>Bioinformation</i> 2021;17(3):460-469.	NA	1	https://pubmed.ncbi.nlm.nih.gov/34092966/
Khan MWA , Otaibi AA, Alzahrani SA, Alshammari EM, Haque A, Alouffi S, Khan WA, Khan SN. Experimental and theoretical insight into resistance to glycation of bovine serum albumin. <i>Journal of Molecular Structure</i> 2021;1230:129645.	Q3	2	https://www.sciencedirect.com/science/article/abs/pii/S002228602031958X
Khan WA, Khan MWA . <u>16α-hydroxyestrone and its receptor complex: high affinity antigen for antibodies from prostate cancer patients</u> . <i>Journal of Mens Health</i> 2021;17(4):117-127.	Q4	0	https://www.jomh.org/articles/10.31083/jomh.2021.103
Danish D, Subbarao N, Khan MWA , Alouffi S, Khan S. New framework for the discovery of PRC2 inhibitors: Epigenetic Drugs. <i>Current Drug Targets</i> 2021;22(11):1198-1206. (Review)	Q2	0	https://pubmed.ncbi.nlm.nih.gov/33588726/
Otaibi AA, Sherwani S, Alshammari EM, Alzahrani SA, Khan WA, Alsukaibi AKD, Dwivedi S, Khan SN, Khan MWA . Combinational therapeutics to combat cancer. <i>Bioinformation</i> 2021;17(7):673-679. (Review)	NA		http://www.bioinformation.net/017/97320630017673.pdf
Ashanul Haque, Ahmed Al Otaibi, Mohd Wajid Ali Khan, Imran Khan (2021) Chapter 15 - Emerging trends in ionic liquid-based drugs: An update, Editor(s): Inamuddin, Rajender Boddula, Mohd Imran Ahamed, Abdullah M. Asiri; Green Sustainable Process for Chemical and Environmental Engineering and Science , Pages 293-301, ISBN 9780128218853. Elsevier	NA	1	https://www.sciencedirect.com/science/article/pii/B9780128218853000104

3.	Ramzi Hadj Lajimi			
	Abdelfattah Amari, Nouredine Elboughdiri, Djamel Ghernaout, Ramzi Hadj Lajimi, Ali M Alshahrani, Mohamed A Tahoon, Faouzi Ben Rebah, Multifunctional crosslinked chitosan/nitrogen-doped graphene quantum dot for wastewater treatment, Ain Shams Engineering Journal, 2021, 12, 4007-4014.	Q2	7	10.1016/J.ASEJ.2021.02.024
	Djamel Ghernaout, Nouredine Elboughdiri, Ramzi Hadj Lajimi, Green Chemistry and Process Intensification: Milestones on a Sustainable Development, International Journal of Chemistry and Materials Research, 2021, 9, 1-18.	-	0	https://doi.org/10.18488/journal.64.2021.91.1.18
4	Prof. Eid M.S. Azzam			
	Azzam, E. M. S., Sami, R. M., Alenezi, K. M., El Moll, H., & Haque, A. "Nanoparticles Modified With Cationic Thiol Surfactant as Efficient Inhibitors for the Corrosion of Carbon Steel". <i>Journal of Electrochemical Science and Technology</i> , (2021), 12(3), 308-316.	Q3	-	https://doi.org/10.33961/jecst.2021.00010
	Ayman M. Atta1, Eid M.S. Azzam, Khalaf M. Alenezi, Hani El Moll and A. Haque., "Epoxy Resin with Amphiphilic Ionic Liquid as Hydrophobic Organic Coating for Steel", <i>Int. J. Electrochem. Sci.</i> , (2021), 16, 1-17	Q3	-	https://doi.org/10.20964/2021.06.45
	Soury, Raoudha, Mahjoub Jabli, Khalaf M. Alenezi, Marwa Chaabene, Ashanul Haque, Hani El Moll, Régis Rein, Eid MS Azzam, and Nathalie Solladié. "A novel meso-tetrakis (2, 4, 6-trimethylphenyl) porphyrinato ([Zn (TMP)(4, 4'-bpy)] complex: Synthesis, characterization, and application" <i>Inorganic Chemistry Communications</i> , (2021), 130, 108716.	Q2	-	https://doi.org/10.1016/j.inoche.2021.108716
	Ouni, Amel, Nejmeddine Rabaaoui, Lassaad Mechi, Nasreddine Enaceur, Abdulmohsen KD AlSukaibi, Eid M. Azzam, Khalaf M. Alenezi, and Younes Moussaoui. "Removal of pesticide chlorobenzene by anodic degradation: Variable effects and mechanism" <i>Journal of Saudi Chemical Society</i> , (2021), 25,(10) 101326.	Q2	-	https://doi.org/10.1016/j.jscs.2021.101326
5.	<u>L. Mechi</u>			
	M. Ben Mosbah, L. Mechi and Y. Moussaoui. Montmorillonite KSF-Catalyzed Synthesis of 2,2'-(Arylmethylene)bis(3-hydroxy-5,5-dimethylcyclohex-2-en-1-ones) for the Functionalization of MCM-41 Silica Nanoparticles. <i>Russian Journal of Organic Chemistry</i> , 2021, Vol. 57, No. 9, pp. 1533–1539.	Q4	0	https://link.springer.com/article/10.1134%2FS1070428021090219

6.	Ashanul Haque			
	A. Haque, H. El Moll, K. M. Alenezi, M. S. Khan, W. -Y. Wong. Functional Materials Based on Cyclometalated Platinum(II) β -Diketonate Complexes: A Review of Structure–Property Relationships and Applications. <i>Materials</i> , 2021 , 14, 4236	Q2 79/162	1	https://www.mdpi.com/1996-1944/14/15/4236
	R. Soury, K. M. Alenezi, M. Jabli, A. Haque, Ahmed AlOtaibi, H. El Moll, C. Philouze. Synthesis and characterization of axially modified Zn(II) porphyrin complexes for methylene blue dye oxidative degradation. <i>J. Mol. Struct.</i> , 2021 , 1243, 130791.	Q3 83/162	0	https://www.sciencedirect.com/science/article/abs/pii/S0022286021009248#!
	E. M. S. Azzam, R. M. Sami, K. M. Alenezi, A. Haque, H. El Moll, R. A. Soury, A. R. Ismail Inhibition of Sulfate-Reducing Bacteria by Para-amino-N -((1-Alkylpyridin-1-Ium Bromide)-4-Yl) Benzamide Surfactants and Surfactant-Coated Silver Nanoparticles. <i>J. Surfact. Deterg.</i> , 2021 , 24, DOI: 10.1002/jsde.12530	Q3 45/74	0	https://aocs.onlinelibrary.wiley.com/doi/abs/10.1002/jsde.12530
	V. Jevtovic, K. Alenezi, H. El Moll, A. Haque, J. Humaidi, S. Al-Zahrani, D. Vidovic. Pyridoxal (thio) Semicarbazone Ligands and Their Fe(III) Complexes as Potential Electrocatalysts for Hydrogen Evolution Reaction. <i>Int. J. Electrochem. Sci.</i> , 2021 , 16, DOI: 10.20964/2021.07.61	Q4 24/29	0	http://www.electrochemsci.org/papers/vol16/210731.pdf
	S. A. Al-Zahrani, V. Jevtovic, K. M. Alenezi, H. El Moll, A. Haque, D. Vidovic. Electrocatalytic Hydrogen Evolution upon Reduction of Pyridoxal Semicarbazone and Thiosemicarbazone-based Cu(II) complexes. <i>J. Serb. Chem. Soc.</i> , 2021 , 86, DOI: https://doi.org/10.2298/JSC210520050A .	Q4 141/179	0	https://www.shd-pub.org.rs/index.php/JSCS/article/view/10780
	A. Haque, R. A. Al-Balushi, I. J. Al-Busaidi, N. K. Al-Rasbi, S. Al-Bahri, M. K. Al-Suti, M. S. Khan,* O. K. Abou-Zeid,* J. M. Skelton,* P. R. Raithby,* Two is better than one: Effect of incorporating Re(CO) ₃ Cl side-chains into Pt(II) di-ynes and poly-ynes, <i>Inorg. Chem.</i> 60, 745-759, 2021 .	Q1	2	(DOI: 10.1021/acs.inorgchem.0c02747)
	I. J. Al-Busaidi, A. Haque,* R. A. Al-Balushi, J. A. Rather, A. Munam, R. Ilmi, P.R. Raithby,* Y. Zhang, Y. Fu, Z. Xie,* S. Chen,* S.M. Islam, W.-Y. Wong,* J. M. Skelton* and M. S. Khan*, Synthesis, characterization, and optoelectronic properties of phenothiazine-based organic co-poly-ynes, <i>New J. Chem.</i> , 45, 15082-15095, 2021 .	Q2	0	DOI: 10.1039/D1NJ00925G
	I. J. Al-Busaidi, R. limi, J. D. L. Dutra, W. F. Oliveira, A. Haque, N. K. Al Rasbi, F. Marken, P. R. Raithby,* M. S. Khan,* Utilization of a Pt(II) di-yne chromophore	Q1	4	DOI: 10.1039/D0DT04198J

	incorporating a 2,2'-bipyridine-5,5'-diyl spacer as a chelate to synthesize a green and red emitting d-f-d heterotrinnuclear complex, <i>Dalton Trans.</i> , 50, 1465-1477, 2021 .			
	P. Kumar, A. Rahman,* <u>A. Haque</u> , J. S. Yadav,* A transition metal-catalyzed enyne metathesis for the preparation of pyrrolizidine alkaloid core: Application towards the total synthesis of stemaphycyanollone, <i>Tetrahedron Lett.</i> , 68, 152906, 2021 .	Q3	0	DOI: 10.1016/j.tetlet.2021.152906
	S. I. Hassan,* <u>A. Haque</u> *, Y. A. Jeilani, R. Ilmi, S. H. Faizi, I. Khan, M. Mushtaque, Thioxanthone-based organic probe with aggregation enhanced emission and exceptional mineral acids sensing abilities, <i>J. Mol. Struc.</i> , 1224, 129004, 2021 .	Q3	2	DOI: 10.1016/j.molstruc.2020.129004
	R. A. Al-Balushi, M. S. Khan, M. S. H. Faizi, A. Haque, K. Molloy, P. R. Raithby,* Synthesis and structural characterization of hexa- μ -2-chlorido- μ -4-oxido-tetrakis{[4-(phenylethynyl)-pyridine-kN]copper(II)} dichloromethane monosolvate, <i>Acta Cryst.</i> , E77, 42–46, 2021 .	Q4		DOI: 10.1107/S2056989020015935
	V. Jevtovic, K. M. Alenezi, H. El Moll, <u>A. Haque</u> , S. A. Al-Zahrani, J. Humaidi, D. Vidovic, Hydrogen evolution reaction performance of Co(II) and Co(III) complexes based on pyridoxal (thio)semicarbazones, <i>J. Chem. Soc. Pak.</i> , 43, 673-690, 2021 .	Q4	0	DOI: 10.52568/000965/JCSP/43.06.2021
	Al-Balushi, R. A., Haque, A., Al-Busaidi, I. J., Al-Sharji, H., & Khan, M. S. (2021). Heterometal Grafted metalla-ynes and Poly (metalla-ynes): A Review on Structure–Property Relationships and Applications. <i>Polymers</i> , 13(21), 3654.	Q1	0	https://www.mdpi.com/2073-4360/13/21/3654
	Rakshit, T., Mandal, B., Alenezi, K. M., Ganguly, R., & Mandal, D. (2021). Synthesis, structure, luminescent properties and catecholase activity of Zn (II) complex with N, O chelating agent. <i>Journal of Molecular Structure</i> , 1227, 129544.	Q3	1	https://doi.org/10.1016/j.molstruc.2020.129544
7.	Hani El Moll			
	A. Al-Yasari, H. El Moll, R. Purdy, K. B. Vincent, P. Spence, J. -P. Malval and J. Fielden. Optical, third order non-linear optical and electrochemical properties of dipolar, centrosymmetric and C _{2v} organoimido polyoxometalate derivatives. <i>Phys. Chem. Chem. Phys.</i> , 2021 , 23, 11807.	Q2 77/162	2	https://pubs.rsc.org/en/content/articlelanding/2021/cp/d0cp06610a
8.	Khalaf M. Alenezi			

	M. M. Alshammari, R. Soury, K. M. Alenezi, M. Mushtque,* M. M.A. Rizvi, <u>A. Haque,*</u> Synthesis, characterization, anticancer and in silico studies of a pyrazole-tethered thiazolidine-2,4-dione derivative, <i>J. Biomol. Struc. Dyn.</i> , in-press, 2021	Q2		(DOI: 10.1080/07391102.2021.1981451)
	Mansour, D., El-Sofany, W. I., Abdella, F. I., Masood, N., Khalaf Dhahi Alsukaibi, A., & Bellakhal, N. (2021). Doehlert experimental design for the optimization of electrocoagulation treatment of landfill leachate. <i>Environmental Pollutants and Bioavailability</i> , 33(1), 395-401.		0	https://doi.org/10.1080/26395940.2021.1993752
9.	Ahmed Al Otaibi			
	Kabeerdass, N., Al Otaibi, A., Rajendran, M., Manikandan, A., Kashmery, H. A., Rahman, M. M., ... & Mathanmohun, M. (2021). Bacillus-Mediated Silver Nanoparticle Synthesis and Its Antagonistic Activity against Bacterial and Fungal Pathogens. <i>Antibiotics</i> , 10(11), 1334.		0	https://www.mdpi.com/2079-6382/10/11/1334
	Kumari, C., Al Otaibi, A., Kamaraj, T., Nageshwari, M., Mathubala, G., Manikandan, A., ... & Asiri, A. M. (2021). A Brief Study on Optical and Mechanical Properties of an Organic Material: Urea Glutaric Acid (2/1)—A Third Order Nonlinear Optical Single Crystal. <i>Crystals</i> , 11(10), 1239.		0	https://www.mdpi.com/2073-4352/11/10/1239
	Puttegowda, M., Rangappa, S. M., Khan, A., Al-Zahrani, S. A., Otaibi, A. A., Shivanna, P., ... & Siengchin, S. (2021). Effect of Layering Sequence on Impact Properties of Alkali Treated Phoenix Pusilla Fibers-Glass-Carbon Fabrics Reinforced Hybrid Composite Laminates. <i>Journal of Natural Fibers</i> , 1-11.		0	https://doi.org/10.1080/15440478.2021.1932683
	Kunhan, J. P., Chandrappa, P. S., Ravikumar, C. R., Hanumantharayappa, N., Naik, R., Pothu, R., ... & Al Otaibi, A. (2021). Study of Cobalt Doped GdAlO ₃ for Electrochemical Application. <i>Current Analytical Chemistry</i> , 17(5), 662-667.		0	https://doi.org/10.2174/1573411016666200410090148
	Abu-Zied, R. H., Al-Mur, B. A., Orif, M. I., Al Otaibi, A., & Ghandourah, M. A. (2021). Concentration distribution, enrichment and controlling factors of metals in Al-Shuaiba Lagoon sediments, Eastern Red Sea, Saudi Arabia. <i>Environmental Earth Sciences</i> , 80(10), 1-20.		0	https://link.springer.com/article/10.1007/s12665-021-09676-6
	Raghunathan, V., Dhillip, J. D. J., Subramanian, G., Narasimhan, H., Baskar, C., Murugesan, A., ... & Otaibi, A. A. (2021). Influence of Chemical Treatment on the Physico-mechanical Characteristics of Natural Fibers Extracted from the Barks of <i>Vachellia Farnesiana</i> . <i>Journal of Natural Fibers</i> , 1-11.		4	https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.1875353
	Husain, A., Al-Zahrani, S. A., Al Otaibi, A., Khan, I., Mujahid Ali Khan, M., Alosaimi, A. M., ... & Jawaid, M. (2021). Fabrication of Reproducible and Selective Ammonia		2	https://www.mdpi.com/2073-4360/13/11/1829

	Vapor Sensor-Pellet of Polypyrrole/Cerium Oxide Nanocomposite for Prompt Detection at Room Temperature. <i>Polymers</i> , 13(11), 1829.			
	Muthukrishnaraj, A., Al-Zahrani, S. A., Al Otaibi, A., Kalaivani, S. S., Manikandan, A., Balasubramanian, N., ... & Balasubramanian, N. (2021). Enhanced Photocatalytic Activity of Cu ₂ O Cabbage/RGO Nanocomposites under Visible Light Irradiation. <i>Polymers</i> , 13(11), 1712.		2	https://www.mdpi.com/2073-4360/13/11/1712
10.	Hamed M. Alshammari			
	Alshammari, H. M. (2021). Synthesis of Palladium and Copper Nanoparticles Supported on TiO ₂ for Oxidation Solvent-Free Aerobic Oxidation of Benzyl Alcohol. <i>Processes</i> , 9(9), 1590.		1	https://www.mdpi.com/2227-9717/9/9/1590
	Alshammari, H. M., & Abbas, N. (2021). Effect of Pyrolysis Temperature During Valorization of Date Stones on Physiochemical Properties of Activated Carbon and Its Catalytic Activity for the Oxidation of Cycloalkenes. <i>Catalysts</i> , 11(6), 686.		0	https://www.mdpi.com/2073-4344/11/6/686
	Waed, A., Hamed, A., Obaid, A., & Rani, A. (2018). Treatment of simulated wastewater spiked with phenols using TiO ₂ /GO/SiO ₂ under environmental conditions. <i>Fresenius Environmental Bulletin</i> , 27(12B), 9922-9930.		0	https://www.cabdirect.org/cabdirect/abstract/20193243117
	Alahmad, W., Alshammari, H., & Alsomadi, R. (2021). Polystyrene Solid Phase Photolysis Under Environmental Conditions Using TiO ₂ /SiO ₂ /Ru Nano-Composite. <i>Fresenius Environmental Bulletin</i> , 30(6 A), 6474-6484.		0	https://orcid.org/0000-0002-8538-7501
	Alshammari, H. M., Alotaibi, M. H., Aldosari, O. F., Alsolami, A. S., Alotaibi, N. A., Alzahrani, Y. A., ... & El-Hiti, G. A. (2021). A Process for Hydrogen Production from the Catalytic Decomposition of Formic Acid over Iridium—Palladium Nanoparticles. <i>Materials</i> , 14(12), 3258.		2	https://www.mdpi.com/1996-1944/14/12/3258
	Alshammari, H. M., Aldosari, O. F., Alotaibi, M. H., Alotaibi, R. L., Alhumaimess, M. S., Morad, M. H., ... & Alwarthan, A. (2021). Facile Synthesis and Characterization of Palladium@ Carbon Catalyst for the Suzuki-Miyaura and Mizoroki-Heck Coupling Reactions. <i>Applied Sciences</i> , 11(11), 4822.		1	https://www.mdpi.com/2076-3417/11/11/4822
11	Abdulmohsenn Alsukaibi			
	Khan MWA , Otaibi AA, Alhumaid AFM, Alsukaibi AKD, Alshamari AK, Alshammari EM, Al-Zahrani SA, Almudryani AYM, Sherwani S. Garlic Extract: Inhibition of Biochemical and Biophysical Changes in Glycated HSA. <i>Applied Sciences</i> 2021;11(22):11028.	Q3	0	https://www.mdpi.com/2076-3417/11/22/11028

	Otaibi AA, Sherwani S, Al-Zahrani SA, Alshammari EM, Khan WA, Alsukaibi AKD, Khan SN, Khan MWA. (2021) Biologically active α -amino amide analogs and $\gamma\delta$ T cells-A unique anticancer approach for leukemia. <i>Front Oncol.</i> 11:706586. (0.25) [Q2; IM: 6.244]	Q2	3	https://www.frontiersin.org/article/s/10.3389/fonc.2021.706586/full
	Dorsaf Mansour, Walaa I. El-Sofany, Faiza.I.A. Abdella, Najat Masood, Abdulmohsen Khalaf Dhahi Alsukaibi & Nizar Bellakhal (2021) Doehlert experimental design for the optimization of electrocoagulation treatment of landfill leachate, <i>Environmental Pollutants and Bioavailability</i> , 33:1, 395-401			
12	Yassin A. Jeilani			
	S. I. Hassan,* <u>A. Haque*</u> , Y. A. Jeilani, R. Ilmi, S. H. Faizi, I. Khan, M. Mushtaque, Thioxanthone-based organic probe with aggregation enhanced emission and exceptional mineral acids sensing abilities, <i>J. Mol. Struc.</i> , 1224, 129004, 2021 .	Q3	2	DOI: 10.1016/j.molstruc.2020.129004
13	Ramy M Romeilah			
	Saravanan Rajendrasozhan, Hani El Moll, Mejdi Snoussi, Ramy M Romeilah, Emad A Shalaby, Kareem M Younes, Hossam S El-Beltagi. Phytochemical screening and antimicrobial activity of various extracts of aerial parts of <i>Rhanterium epapposum</i> . <i>Processes</i> 9 (8), 1351.	Q3	1	https://www.mdpi.com/2227-9717/9/8/1351
	Kareem M Younes, Ramy M Romeilah, Hossam S El-Beltagi, EL Hani, Saravanan Rajendrasozhan, Hany A El-Shemy, Emad A Shalaby. In-vitro evaluation of antioxidant and antiradical potential of successive extracts, semi-purified fractions and biosynthesized silver nanoparticles of <i>Rumex vesicarius</i> . <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> 49 (1), 12293-12293.	Q3	1	https://www.notulaeobotanicae.ro/index.php/nbha/article/view/12293
	Antioxidant and cytotoxic activities of <i>Artemisia monosperma</i> L. and <i>Tamarix aphylla</i> L. essential oils. Ramy M Romeilah, Hossam S El-Beltagi, Emad A Shalaby, Kareem M Younes, EL Hani, Saravanan Rajendrasozhan , Heba Mohamed. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> 49 (1), 12233-12233	Q3	2	https://notulaeobotanicae.ro/index.php/nbha/article/view/12233
14	Salman Latif			
	Salah D, Moghanm FS, Arshad M, Alanazi AA, Latif S, El-Gammal MI, Shimaa EM, Elsayed S. Polymer-Peptide Modified Gold Nanorods to Improve Cell Conjugation and			

	Cell labelling for Stem Cells Photoacoustic Imaging. Diagnostics (Basel). 2021 Jun 30;11(7):1196. doi: 10.3390/diagnostics11071196. PMID: 34209370; PMCID: PMC8305251.			
15	Fahad Abdulaziz			
	-			
16	Fathi Alimi			

*According to Google scholar

LIST OF PUBLICATIONS IN 2021 (FEMALE BRANCH)

S. No	List pf publications (Authors list, Title, Journal, 2021, Vol. Page)
1.	Eida M Alshammari
	Rauf, Hayder M Al-Kuraishy, Safaa Qusti, Eida M Alshammari , Emmanuel Tiyo Ayikobua, Fred Ssempijja, Adam Moyosore Afodun, Ritah Kenganzi, Ibe Michael Usman, Juma John Ochieng, Lawrence Obado Osuwat, Kevin Matama, Ali I Al-Gareeb, Emmanuel Kairania, Monica Musenero, Susan Christina Welburn, Gaber El-Saber Batiha. The Rise of SARS-CoV-2 Variants and the Role of Convalescent Plasma Therapy for Management of Infections. <i>Life</i> 2021 , 11(8), 734.
	SwatiHaldera1UttpalAnandb1SamapikaNandyaPatrikOleksakcSafaaQustid Eida M. Alshammari eGaberEl-Saber BatihafEapen P.KoshybAbhijitDey. Herbal drugs and natural bioactive products as potential therapeutics: A review on pro-cognitives and brain boosters perspectives. Saudi Pharmaceutical Journal Volume 29, Issue 8, August 2021, Pages 879-907.
	Amani MT Gusti, Safaa Y Qusti, Eida M Alshammari , Eman A Toraih, Manal S Fawzy. Antioxidants-Related Superoxide Dismutase (SOD), Catalase (CAT), Glutathione Peroxidase (GPX), Glutathione-S-Transferase (GST), and Nitric Oxide Synthase (NOS) Gene Variants Analysis in an Obese Population: A Preliminary Case-Control Study. <i>Antioxidants</i> 2021, 10(4), 595.
	Oluwafemi Adeleke Ojo, Adebola Busola Ojo, Charles Okolie, Jadesola Abdurrahman, Morayo Barnabas, Ikponmwosa Owen Evbuomwan, Oluwabori Paul Atunwa, Bukola Atunwa, Matthew Iyobhebhe, Tobiloba Christiana Elebiyo, Charles Obiora Nwonuma, Abayomi Emmanuel Adegboyega, Safaa Qusti, Eida M Alshammari et al. Elucidating the interactions of compounds identified from Aframomum melegueta seeds as promising candidates for the management of diabetes mellitus: A computational approach. <i>Informatics in Medicine Unlocked</i> , Volume 26, 2021, 100720.

	Hitesh Chopra, Protity Shuvra Dey, Debashrita Das, Tanima Bhattacharya, Muddaser Shah, Sidra Mubin, Samka Peregrine Maishu, Rokeya Akter, Md Rahman, Eida M Alshammari , Chenmala. Curcumin Nanoparticles as Promising Therapeutic Agents for Drug Targets. <i>Molecules</i> 2021, 26(16), 4998.
	Odunayo Anthonia Taiwo, Oluwatosin Adebisi Dosumu, Eniola Oluwayemisi Oni, Victoria Omoyemi Akomolafe, Sara T Elazab, Safaa Qusti, Eida M Alshammari . Preclinical prediction of phytochemicals identified from cannabis as novel inhibitors of TEX 11, DHCR24, and CatSper 1 in fertility drug design. <i>Informatics in Medicine Unlocked</i> . Volume 26, 2021, 100747.
	Hayder M Al-Kuraishy, Ali I Al-Gareeb, Safaa Qusti, Eida M Alshammari , Francis O Atanu, et al. Arginine vasopressin and pathophysiology of COVID-19: An innovative perspective. <i>Arginine vasopressin and pathophysiology of COVID-19: An innovative perspective</i> .
	Hope Onohuean, Hayder M. Al-kuraishy, Ali I. Al-Gareeb, Safaa Qusti, Eida M. Alshammari . Covid-19 and development of heart failure: mystery and truth. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> volume 394, pages 2013–2021 (2021).
	Olagunju, A.S.; Alagbe, A.A.; Otenaike, T.A.; Fabiyi, B.O.; Teibo, J.O.; Qusty, N.; Qusti, S.; Alshammari, E.M. ; Batiha, G.E.; Omotoso, O. Mitochondrial Dysfunction: a Notable Contributor to the Progression of Alzheimer's & Parkinson's Disease. <i>Preprints</i> 2021, 2021090073.
	Adnan Khan, Fariha Aslam, Tasmina Kanwal, Muhammad Raza Shah, Atif Ali Khan, Khalil, Syed Wadood Ali Shah, Eida M Alshammari , Eman A El-Masry, Gaber El-Saber Batiha, Roua S Baty. Enhanced Antibacterial Potential of Amoxicillin against <i>Helicobacter pylori</i> Mediated by Lactobionic Acid Coated Zn-MOFs. <i>Antibiotics</i> 2021, 10(9), 1071.
	Zahoor Iqbal, Muhammad Sufaid Khan, Rozina Khattak, Tausif Iqbal, Ivar Zekker, Muhammad Zahoor, Helal F Hetta, Gaber El-Saber Batiha, Eida M Alshammari . Selective Oxidation of Cinnamyl Alcohol to Cinnamaldehyde over Functionalized Multi-Walled Carbon Nanotubes Supported Silver-Cobalt Nanoparticles. <i>Catalysts</i> 2021, 11(7), 863
	Muhammad Amin, Masarrat Yousuf, Naveed Ahmad, Mohammad Attaullah, Muhammad kram, Attia A Abou Zaid, Clement Ameh Yaro, Eida M Alshammari , Yaser S Binnaser, Sub-lethal effects of organophosphates and synthetic pyrethroid insecticides on muscle tissue transaminases of <i>Oreochromis niloticus</i> in vivo. <i>Toxicological Research</i> (2021).
	Abdu Saeed, Safaa Y Qusti, Rawan Hamdan Almarwani, Ebtihaj J Jambi, Eida M Alshammari , Naeem F Gusty, Maha J Balgoon. Effects of aluminum chloride and coenzyme Q10 on the molecular structure of lipids and the morphology of the brain hippocampus cells. <i>RSC Adv.</i> , 2021, 11, 29925-29933
	Rakesh K Sindhu, Rishu Verma, Twinkle Salgotra, Md Rahman, Muddaser Shah, Rokeya Akter, Waheed Murad, Sidra Mubin, Parveen Bibi, Safaa Qusti, Eida M Alshammari . Impacting the Remedial Potential of Nano Delivery-Based Flavonoids for Breast Cancer Treatment. <i>Molecules</i> 2021, 26(17), 5163.
2.	<u>Sarra Elgharbi</u>
	O Messaoudi, A Mabrouki, M Moufida, L Alfheid, A Azhary, S Elgharbi . Correlation between experimental and DFT calculations of photocatalytic and optical properties of La _{0.8} Nd _{0.1} Sr _{0.1} MnO ₃ perovskite: degradation efficiency of methyl orange dye under visible-irradiated conditions <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 22481–22492

	Khoulood Abdouli, W Cherif, MA Valent, MPF Graça, L Ktari, O Messaoudi, S Elgharbi , WI Elsofany. Magnetocaloric effect of polycrystalline $\text{La}_{0.5}\text{Sm}_{0.2}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ ($0 \leq x \leq 0.20$) compound prepared by glycine-nitrate process <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32 ,22106–22118
	A Mabrouki, O Messaoudi, M Mansouri, S Elgharbi , A Bardaoui. Study of the structural, electronic, magnetic and magnetocaloric properties of $\text{La}_{0.5}\text{Ca}_{0.5}\text{Mn}_{0.9}\text{V}_{0.1}\text{O}_3$ sample: first-principles calculation (DFT–MFT) <i>Royal Society of Chemistry</i>
3.	<u>Asma K. Alshamari</u>
	Mahmoud A. Al-Qudah, Mohammad A. Onizat, <u>Asma K. Alshamari</u> , Hala I. Al-Jaber, Omar M. Bdair, Riyadh Muhaidat, Mazhar Al Zoubi & Nezar Al- Bataineh, Chemical composition and antioxidant activity of <i>Jordanian Artemisia judaica L.</i> as affected by different drying methods. <i>International Journal of Food Properties</i> . 2021, 24 (1), 482. doi.org/10.1080/10942912.2021.1900234
	Reham R. Khattab , Asma K. Alshamari , Allam A. Hassan , Hussein H.Elkanzory , Wael A. El-Sayed , Hanem M. Awad , Eman S. Nossier & Nasser A.Hassan. Click chemistry based synthesis, cytotoxic activity and molecular docking of novel triazolethienopyrimidine hybrid glycosides targeting EGFR. <i>Journal of enzyme inhibition and medicinal chemistry</i> , 2021, 36 (1). doi.org/10.1080/14756366.2020.1871335
	<u>Asma K. Alshamari</u> , Mahmoud A. Al-Qudah, Fedaa Hamadeh, Lo'ay Al-Momani and Sultan Abu-Orabi. Synthesis, Characterization, Antimicrobial and Antioxidant Activities of 1,2,4-triazolyl-isoxazole Moieties via Dehydration Reaction of Carbohydrazides. <i>Letters in organic chemistry</i> , Acceptable for publication
4.	Faiza, I
	Abdel Karim, M.1, Missa, A.1, Faiza, I. , 2021. GC-MS Studies and Antioxidant Activity of <i>Pongamia pinnata</i> Grown in Sudan. <i>The Pharmaceutical and Chemical Journal</i> . 2021, 2 , 18-23.
	Faiza, I. , Abdel Karim, M., , Rayan, K. 2021. GC-MS Studies and Antioxidant Activity of <i>Apium graveolens</i> Grown in Saudi Arabia, <i>The Pharmaceutical and Chemical Journal</i> , 8 , 33-39.
	Abdel Karim, M. 1, Salwa A. Ateem1, Faiza, I. 2021. GC-MS Studies and Antioxidant Activity of <i>Lepidium sativus L.</i> Grown in Turkey, 2021, 8 , 61-66.
5.	Najat Masood
	Nabeel Abdullah Alrabie, Ferdaus Mohamat-Yusuff, Rohasliney Hashim, Zufarzaana Zulkeflee, Mohammad Noor Azmai Amal, Aziz Arshad, Syaizwan Zahmir Zulkifli, Anugrah Ricky Wijay, Najat Masood and Muhamad Shirwan Abdullah Sani. 2021 . Preliminary Evaluation of Heavy Metal Contamination and Source Identification in Kuala Lumpur SMART Stormwater Pond Sediments Using Pb Isotopic Signature. <i>Sustainability</i> 13 (16):9020. DOI: 10.3390/su13169020.

	Najat Masood , Sadeq A. A. Alkhadher, Sami M. Magam, Normala Halimoon, Abdulmohsen Alsukaibi, Mohamad Pauzi Zakaria, Vahab Vaezzadeh, Mehrzad Keshavarzifard, Sawsan Maisara, Mohammed Khaled Bin Break. 2021 . Monitoring of linear alkyl benzenes (LABs) in riverine and estuarine sediments in Malaysia. <i>Environ Geochem Health</i> , DOI:10.1007/s10653-021-01088-6.
6.	Violeta Jevtovic
	Violeta Jevtovic Synthesis and X-ray Crystal Structure of the Bis-ligand Complex [Cr (PLSC-H) ₂] 2H ₂ O (Bis[4-(2-carbamoylhydrazin-1-ylidene-k ² N ₁ ,O)-5-hydroxymethyl-2-methylpyridinium-3-olato-k ³ O ₃] Chromium (II) dihydrate), Journal of Science University Hail, 2021, Volume 2, First Issue, 64-78
	Amnah Saud Altamimi, Salma A. Al-Zahrani, Violeta Jevtovic . Synthesis, Structure Analysis and Antibacterial Activity of Zn(II) and Co(III) Complexes, American Journal of Chemistry , 2021, 2021, 11(3): 43-48
	Afaq Ullah Khan, Aaranda Arooj, Kamran Tahir, Mohamed M. Ibrahim, Violeta Jevtovic , Hessah A. AL-Abdulkarim, Ebraheem Abdu Musad Saleh g, Hamza S. Al-Shehri h, Mohammed A. Amin d, Baoshan L, Facile fabrication of novel Ag ₂ S-ZnO/GO nanocomposite with its enhanced photocatalytic and biological applications, Journal of Molecular Structure, 2022, Volume 1251, 131991
	Afaq Ullah Khan, Sadia Nazir b, Ali El-Keblway, Kamran Tahir, Shams H. Abdel-Hafez, Hessah A. AL-Abdulkarime, Violeta Jevtovic , Mohamed M. Ibrahim, Hamza S. Al-Shehri, Khaled H. Hegabh, Uncaria rhynchophylla mediated Ag/NiO nanocomposites: A new insight for the evaluation of cytotoxicity, antibacterial and photocatalytic applications, Photo diagnosis and Photodynamic Therapy, 2022, Volume 37, 102681
	Afaq Ullah Khan, Sadia Nazir b, Ali El-Keblway, Kamran Tahir Violeta Jevtovic , Hamza S. Al-Shehri, Khaled H. Hegabh, Ultra-efficient 4-Nitrophenol reduction, dye degradation and Cr (VI) adsorption in the presence of phytochemical synthesized Ag/ZnO nanocomposite: A view towards sustainable chemistry, Inorganic Chemistry Communications, 2022, Volume 136, 109189
7.	Walaa I. El-Sofany
	Mahmoud El-Shahat, Walaa I. El-Sofany , Abdel-Ghany A. Soliman, Mohamed Hasanin. 2021. Newly synthesized imidazolotriazole, imidazolotriazine, and imidazole-pyrazole hybrid derivatives as promising antimicrobial agents. , 2021, 131727. https://doi.org/10.1016/j.molstruc.2021.131727
8.	Safa Teka
	-Achref Jebnoui, Nicolas Leclerc, Safa Teka , Dorsaf Mansour , Nejmeddine Smida Jaballah. 2021. Vinylene-versus azomethine-bridged carbazole-based polymers for light emission and sensor applications. <i>Journal of Molecular Structure</i> , 1244, 130994. https://doi.org/10.1016/j.molstruc.2021.130994

9.	Dorsaf Mansour
	A. H. Al-Bagawi, D. Mansour , S. A. M Aljabri. Contaminations assessment of some trace metals in agricultural soil and irrigation water analysis at Hail region Saudi Arabia. <i>Journal of Optoelectronic and Biomedical Materials</i> . Vol. 13, No. 4, October - December 2021,
	Safa Teka, Melek Hajji, Achref Jebnoui, Olfa Messaoudi, Dorsaf Mansour, Taha Guerfel. Non-covalent assembly of β -iminoamine-chlorocobaltate (II) hybrid material: Molecular structure, computational simulations and antimicrobial activity. <i>Journal of Molecular Structure</i> . 2021 131967
	Achref Jebnoui, Nicolas Leclerc, Safa Teka, Dorsaf Mansour, Nejmeddine Smida Jaballah, Vinylene-versus azomethine-bridged carbazole-based polymers for light emission and sensor applications, <i>Journal of Molecular Structure</i> , 1244, 2021, 130994.
	Dorsaf Mansour, Walaa I. El-Sofany, Faiza.I.A. Abdella, Najat Masood, Abdulmohsen Khalaf Dhahi Alsukaibi & Nizar Bellakhal (2021) Doehlert experimental design for the optimization of electrocoagulation treatment of landfill leachate, <i>Environmental Pollutants and Bioavailability</i> , 33:1, 395-401.
10.	Amal H. Al-Bagawi
	Amal H. Al-Bagawi Analytical and Electroanalytical Techniques in Determination of (Fe+2) Results from Iron Corrosion: Effect of Omeprazole Drugs as Green Inhibitors. Jan 2021 in <i>Green Chemistry Letters and Reviews</i>
	Amal H. Al-Bagawi and salama Eid. Computational Study on the Electronic Properties of Graphene/Calcium Oxide Nanocomposite. Accept Date: 2021. <i>Egyptian Journal of Chemistry</i> .
	Mohamed S. Othman, Sofian T. Obeidat, Amal H. Al-Bagawi , Mohamed A. Fareid , Ola M. El-Borady , Rami B. Kassab , and Ahmed E. Abdel Moneim . Evaluation of the potential role of silver nanoparticles loaded with berberine in improving anti-tumor efficiency. <i>Pharmaceutical Sciences</i> . May 2021
	Mohamed S. Othman, Amal H. Al-Bagawi , Sofian T. Obeidat, Mohamed A. Fareid, Ola A. Habotta and Ahmed E. Abdel Moneim Antitumor activity of zinc nanoparticles synthesized with berberine on human epithelial colorectal adenocarcinoma (Caco-2) cells through acting on Cox-2/NF-kB and p53 pathways. <i>Anti-Cancer Agents in Medicinal Chemistry</i> . Octo, 2021
	Mohamed S Othman , Azza M Khaled , Amal H Al-Bagawi , Mohamed A Fareid , Reda A Ghany , Ola A Habotta , Ahmed E Abdel Moneim . Hepatorenal protective efficacy of flavonoids from Ocimum basilicum extract in diabetic albino rats: A focus on hypoglycemic, antioxidant, anti-inflammatory and anti-apoptotic activities. <i>Biomedicine & Pharmacotherapy</i> . December 2021.
11.	<u>Raoudha Soury</u>
	Azhar kechich, <u>Raoudha Soury</u> , Mahjoub Jabli, Khalaf M Alenezi, Christian philouz, Habib Nasri. Synthesis of novel bis(cyano) meso-tetraphenylporphyrinato-chromium(III), [K(222)] [CrIII(TPP)(CN) ₂] 2.(C ₇ H ₆ O ₂) (III), and meso-tetraphenylporphyrinato-chromium(III), [CrIII(TPP)Cl] (II): Spectroscopic, physico-chemical, and decolorization properties. <i>Inorganic Chemistry Communications</i> 128 (2021) 108588

	Youssef O. Al-Ghamdi, Mahjoub Jabli, <u>Raoudha Soury</u> , Shahid Ali Khan, Synthesis of copper oxide nanoparticles using Pergularia tomentosa leaves and decolorization studies. <i>International Journal of Phytoremediation</i> , 2021.
	Marwa Chaabene, Bouzid Gassoumi, <u>Raoudha Soury</u> , Houcine Ghalla, Mahjoub Jabli, Rafik Ben Chaâbane, Abdul-Rahman Allouche. Insights into theoretical detection of CO ₂ , NO, CO, O ₂ , and O ₃ gases molecules using Zinc phthalocyanine with peripheral mono and tetra quinoleinoxy substituents: Molecular geometries, Electronic properties, and Vibrational analysis. <i>Chemical Physics</i> , 547 (2021) 111198
	<u>Raoudha Soury</u> , Khalaf Moslim Alenzi, Ilona Turowska-Tyrk, Frederique Loiseau. Synthesis, Photophysical, Cyclic Voltammetry Properties, and Molecular structure Study Of Novel (5,10,15,20-tetratolylphenyl porphyrinato) zinc(II) with pyrazine. <i>Journal of King Saud University – Science</i> 33 (2021) 101364
	Monirah H Alzabny, <u>Raoudha Soury</u> , Khalaf M Alenezi., Mn(III) and Fe(III) Porphyrin Complexes as Electrocatalysts for Hydrogen Evolution Reaction: A comparative study <i>Int. J. Electrochem. Sci.</i> , 16 (2021)
	<u>Raoudha Soury</u> , Marwa Chaabene, Mahjoub Jabli, Yoann Rousselin, Synthesis, characterization, and computational study of a new zinc derivative (4,4'-diaminodiphenylmethane) (meso-tetratolylporphyrinato) zinc {[Zn(TTP)(DADMP) ₂]} _n . <i>Journal of Solid State Chemistry</i> , 295 (2021) 121920.
12.	Salma A. Alzahrani
	Amnah Saud Altamimi, Salma A. Al-Zahrani, Violeta Jevtovic . Synthesis, Structure Analysis and Antibacterial Activity of Zn(II) and Co(III) Complexes, American Journal of Chemistry , 2021, 2021, 11(3): 43-48
13	Mabrouka Oudi
	O Messaoudi, A Mabrouki, M Moufida, L Alfahid, A Azhary, S Elgharbi . Correlation between experimental and DFT calculations of photocatalytic and optical properties of La _{0.8} Nd _{0.1} Sr _{0.1} MnO ₃ perovskite: degradation efficiency of methyl orange dye under visible-irradiated conditions <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 22481–22492
	A Mabrouki, O Messaoudi, M Mansouri, S Elgharbi , A Bardaoui. Study of the structural, electronic, magnetic and magnetocaloric properties of La _{0.5} Ca _{0.5} Mn _{0.9} V _{0.1} O ₃ sample: first-principles calculation (DFT–MFT) <i>Royal Society of Chemistry</i>
14	Tahani Yousuf Alanazi