

# Omar Mohammed Ali Noman

## List of Publications by Year in descending order

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66  
papers

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430754

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#	ARTICLE	IF	CITATIONS
1	The anti-oxidative, anti-cell proliferative and anti-microbial efficacies of cold-adapted <i>Crepis flexuosa</i> : HPTLC and GC/MS analyses. Saudi Journal of Biological Sciences, 2022, 29, 3062-3068.	1.8	0
2	Response Surface Methodology (RSM)-Based Optimization of Ultrasound-Assisted Extraction of Sennoside A, Sennoside B, Aloe-Emodin, Emodin, and Chrysophanol from <i>Senna alexandrina</i> (Aerial) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 5	1.7	10
3	Antimicrobial and Antioxidant Properties of Total Polyphenols of <i>Anchusa italica</i> Retz. Molecules, 2022, 27, 416.	1.7	14
4	The Nutritional and Antioxidant Potential of Artisanal and Industrial Apple Vinegars and Their Ability to Inhibit Key Enzymes Related to Type 2 Diabetes In Vitro. Molecules, 2022, 27, 567.	1.7	8
5	Calibration of Thermal Dissipation Probes for Date Palm ( <i>Phoenix dactylifera</i> L.). Horticulturae, 2022, 8, 107.	1.2	3
6	Anatomical Characterization, HPLC Analysis, and Biological Activities of <i>Ilex dipyrrena</i> . Plants, 2022, 11, 617.	1.6	2
7	A Phytochemical Analysis, Microbial Evaluation and Molecular Interaction of Major Compounds of <i>Centaurea bruguieriana</i> Using HPLC-Spectrophotometric Analysis and Molecular Docking. Applied Sciences (Switzerland), 2022, 12, 3227.	1.3	6
8	Unprecedented Insights on Chemical and Biological Significance of <i>Euphorbia cactus</i> Growing in Saudi Arabia. Plants, 2022, 11, 681.	1.6	3
9	Daidzein normalized gentamicin-induced nephrotoxicity and associated pro-inflammatory cytokines in MDCK and zebrafish: Possible mechanism of nephroprotection. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 258, 109364.	1.3	15
10	Comparative Chemical Profiling and Biological Potential of Essential Oils of Petal, Choke, and Heart Parts of <i>Cynara scolymus</i> L. Head. Journal of Chemistry, 2022, 2022, 1-16.	0.9	1
11	Efficient Extraction of an Anthraquinone Physcion Using Response Surface Methodology (RSM) Optimized Ultrasound-Assisted Extraction Method from Aerial Parts of <i>Senna occidentalis</i> and Analysis by HPLC-UV. Separations, 2022, 9, 142.	1.1	6
12	Quantification of biomarkers and evaluation of antioxidant, anti-inflammatory, and cytotoxicity properties of <i>Dodonaea viscosa</i> grown in Saudi Arabia using HPTLC technique. Open Chemistry, 2022, 20, 559-569.	1.0	5
13	Antioxidant and Anti-Urolithiatic Activity of Aqueous and Ethanolic Extracts from <i>Saussurea costus</i> (Falc) Lispich Using Scanning Electron Microscopy. Life, 2022, 12, 1026.	1.1	10
14	Chemical Composition, Antioxidant Potentials, and Calcium Oxalate Anticrystallization Activity of Polyphenol and Saponin Fractions from <i>Argania spinosa</i> L. Press Cake. Plants, 2022, 11, 1852.	1.6	3
15	Implication, visualization, and characterization through scanning electron microscopy as a tool to identify nonedible oil seeds. Microscopy Research and Technique, 2021, 84, 379-393.	1.2	7
16	Development and optimization of sitagliptin and dapagliflozin loaded oral self-nanoemulsifying formulation against type 2 diabetes mellitus. Drug Delivery, 2021, 28, 100-114.	2.5	10
17	Chemical Profiling and Dose-Dependent Assessment of Fear Reducing and Memory-Enhancing Effects of <i>Solanum virginianum</i> in Rats. Dose-Response, 2021, 19, 155932582199848.	0.7	11
18	Induction of apoptosis and cell cycle arrest by chloroform fraction of <i>Juniperus phoenicea</i> and chemical constituents analysis. Open Chemistry, 2021, 19, 119-127.	1.0	7

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19	The Reproductive Toxicity Associated with <i>Dodonaea viscosa</i> , a Folk Medicinal Plant in Saudi Arabia. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-9.	0.5	6
20	Antioxidant, Anti-Inflammatory and Antidiabetic Proprieties of LC-MS/MS Identified Polyphenols from Coriander Seeds. Molecules, 2021, 26, 487.	1.7	37
21	Comparative study of antioxidant and anticancer activities and HPTLC quantification of rutin in white radish ( <i>Raphanus sativus</i> L.) leaves and root extracts grown in Saudi Arabia. Open Chemistry, 2021, 19, 408-416.	1.0	21
22	High-Performance Thin-Layer Chromatography for Rutin, Chlorogenic Acid, Caffeic Acid, Ursolic Acid, and Stigmasterol Analysis in <i>Periploca aphylla</i> Extracts. Separations, 2021, 8, 44.	1.1	6
23	Determination of Phenolic Compounds in Various Propolis Samples Collected from an African and an Asian Region and Their Impact on Antioxidant and Antibacterial Activities. Molecules, 2021, 26, 4589.	1.7	26
24	Impact of Different Extraction Methods on Furanosesquiterpenoids Content and Antibacterial Activity of <i>Commiphora myrrha</i> Resin. Journal of Analytical Methods in Chemistry, 2021, 2021, 1-10.	0.7	3
25	In Vitro Alpha-Amylase and Alpha-Glucosidase Inhibitory Activity and In Vivo Antidiabetic Activity of <i>Withania frutescens</i> L. Foliar Extract. Molecules, 2021, 26, 293.	1.7	53
26	<i>Streblus asper</i> attenuates alloxan-induced diabetes in rats and demonstrates antioxidant and cytotoxic effects. Pharmaceutical Biology, 2021, 59, 1056-1062.	1.3	1
27	Citrus Flavanone Narirutin, In Vitro and In Silico Mechanistic Antidiabetic Potential. Pharmaceutics, 2021, 13, 1818.	2.0	18
28	Antihyperglycemic Effect of <i>Lavandula pedunculata</i> : In Vivo, In Vitro and Ex Vivo Approaches. Pharmaceutics, 2021, 13, 2019.	2.0	9
29	GC-MS Method for Quantification and Pharmacokinetic Study of Four Volatile Compounds in Rat Plasma after Oral Administration of <i>Commiphora myrrh</i> (Nees) Engl. Resin and In Vitro Cytotoxic Evaluation. Separations, 2021, 8, 239.	1.1	2
30	Boosted Antioxidant Effect Using a Combinatory Approach with Essential Oils from <i>Origanum compactum</i> , <i>Origanum majorana</i> , <i>Thymus serpyllum</i> , <i>Mentha spicata</i> , <i>Myrtus communis</i> , and <i>Artemisia herba-alba</i> : Mixture Design Optimization. Plants, 2021, 10, 2817.	1.6	2
31	Janerin Induces Cell Cycle Arrest at the G2/M Phase and Promotes Apoptosis Involving the MAPK Pathway in THP-1, Leukemic Cell Line. Molecules, 2021, 26, 7555.	1.7	7
32	Biofilm inhibition and DNA binding studies of isoxazole-triazole conjugates in the development of effective anti-bacterial agents. Journal of Molecular Structure, 2020, 1201, 127144.	1.8	9
33	Understanding the interaction between $\beta$ -1-acid glycoprotein (AGP) and potential Cu/Zn metallo-drugs of benzimidazole derived organic motifs: A multi-spectroscopic and molecular docking study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 225, 117457.	2.0	15
34	Evaluation of pyrazolopyrimidine derivatives as microtubule affinity regulating kinase 4 inhibitors: Towards therapeutic management of Alzheimer's disease. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3892-3907.	2.0	37
35	Anti-bacterial activity of chitosan loaded plant essential oil against multi drug resistant <i>K. pneumoniae</i> . Saudi Journal of Biological Sciences, 2020, 27, 3449-3455.	1.8	30
36	4-Benzoyloxylonchocarpin and Muracatanes A-C from <i>Ranunculus muricatus</i> L. and Their Biological Effects. Biomolecules, 2020, 10, 1562.	1.8	8

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37	Development, Characterization Optimization, and Assessment of Curcumin-Loaded Bioactive Self-Nanoemulsifying Formulations and Their Inhibitory Effects on Human Breast Cancer MCF-7 Cells. <i>Pharmaceutics</i> , 2020, 12, 1107.	2.0	21
38	Siphonocholin isolated from red sea sponge <i>Siphonochalina siphonella attenuates</i> quorum sensing controlled virulence and biofilm formation. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1383-1391.	1.2	13
39	In Vitro Antioxidant, Cytotoxic Activities, and Phenolic Profile of <i>Senecio glaucus</i> from Saudi Arabia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	0.5	4
40	Rapid and Sensitive Method for Extraction of <i>Plicosepalus acacia</i> with Determination of Its Main Polyphenolic Compounds Using Validated HPLC. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-7.	0.7	2
41	Isolation, Characterization, and HPTLC-Quantification of Compounds with Anticancer Potential from <i>Loranthus Acaciae Zucc.</i> <i>Separations</i> , 2020, 7, 43.	1.1	5
42	Cichorins Dâ€™F: Three New Compounds from <i>Cichorium intybus</i> and Their Biological Effects. <i>Molecules</i> , 2020, 25, 4160.	1.7	14
43	Enhancing Oral Bioavailability of Apigenin Using a Bioactive Self-Nanoemulsifying Drug Delivery System (Bio-SNEDDS): In Vitro, In Vivo and Stability Evaluations. <i>Pharmaceutics</i> , 2020, 12, 749.	2.0	49
44	Treating Hyperglycemia From <i>Eryngium caeruleum</i> M. Bieb: In-vitro $\alpha$ -Glucosidase, Antioxidant, in-vivo Antidiabetic and Molecular Docking-Based Approaches. <i>Frontiers in Chemistry</i> , 2020, 8, 558641.	1.8	45
45	Subacute Assessment of the Toxicity and Antidepressant-Like Effects of <i>Origanum Majorana</i> L. Polyphenols in Swiss Albino Mice. <i>Molecules</i> , 2020, 25, 5653.	1.7	26
46	Anxiolytic, Antidepressant-Like Properties and Impact on the Memory of the Hydro-Ethanollic Extract of <i>Origanum majorana</i> L. on Mice. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8420.	1.3	10
47	Phytochemical constituents and anticancer activities of <i>Tarhonianthus camphoratus</i> essential oils grown in Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1474-1480.	1.2	17
48	The Influence of Mycorrhizal Fungi on the Accumulation of Sennosides A and B in <i>Senna alexandrina</i> and <i>Senna italica</i> . <i>Separations</i> , 2020, 7, 65.	1.1	2
49	A review on ethno-medicinal plants used in traditional medicine in the Kingdom of Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2706-2718.	1.8	74
50	Cytotoxic Evaluation and Anti-Angiogenic Effects of Two Furano-Sesquiterpenoids from <i>Commiphora myrrh</i> Resin. <i>Molecules</i> , 2020, 25, 1318.	1.7	30
51	The first bioactivity studies of <i>Acantholimon lycopodioides</i> from high altitude Karakoram-Himalayan desert. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2514-2520.	1.8	2
52	Phytochemical Analysis, Cytotoxic, Antioxidant, and Antibacterial Activities of Lichens. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	0.5	20
53	<i>Ducrosia ismaelis</i> Asch. essential oil: chemical composition profile and anticancer, antimicrobial and antioxidant potential assessment. <i>Open Chemistry</i> , 2020, 18, 175-184.	1.0	3
54	Defatted Hydroethanollic Extract of <i>Ammodaucus leucotrichus</i> Cosson and Durieu Seeds: Antidiabetic and Anti-Inflammatory Activities. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9147.	1.3	11

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55	Effects of Hexane Root Extract of <i>Ferula hermonis</i> Boiss. on Human Breast and Colon Cancer Cells: An <i>In Vitro</i> and <i>In Vivo</i> Study. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	13
56	Bitter gourd ( <i>Momordica charantia</i> ) possess developmental toxicity as revealed by screening the seeds and fruit extracts in zebrafish embryos. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 184.	3.7	26
57	Analysis of Chemical Composition and Assessment of Cytotoxic, Antimicrobial, and Antioxidant Activities of the Essential Oil of <i>Meriandra dianthera</i> Growing in Saudi Arabia. <i>Molecules</i> , 2019, 24, 2647.	1.7	8
58	Phytochemical analysis and anti-diabetic, anti-inflammatory and antioxidant activities of <i>Loranthus acaciae</i> Zucc. Grown in Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 724-730.	1.2	21
59	Apoptotic Induction and Anti-Migratory Effects of <i>Rhazya Stricta</i> Fruit Extracts on a Human Breast Cancer Cell Line. <i>Molecules</i> , 2019, 24, 3968.	1.7	28
60	The influence of variations of furanosesquiterpenoids content of commercial samples of myrrh on their biological properties. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 981-989.	1.2	7
61	Natural flavonoid $\beta$ -glucosidase inhibitors from <i>Retama raetam</i> : Enzyme inhibition and molecular docking reveal important interactions with the enzyme active site. <i>Bioorganic Chemistry</i> , 2019, 87, 736-742.	2.0	25
62	Evaluation of binding and inhibition mechanism of dietary phytochemicals with sphingosine kinase 1: Towards targeted anticancer therapy. <i>Scientific Reports</i> , 2019, 9, 18727.	1.6	52
63	Comparative evaluation of cytotoxic, antimicrobial and antioxidant activities of the crude extracts of three <i>Plectranthus</i> species grown in Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 162-170.	1.2	19
64	Phytochemical analysis and evaluation of the cytotoxic, antimicrobial and antioxidant activities of essential oils from three <i>Plectranthus</i> species grown in Saudi Arabia. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 237.	3.7	12
65	Chemical constituents from <i>Oncocalyx glabratus</i> and their biological activities. <i>Phytochemistry Letters</i> , 2017, 20, 128-132.	0.6	8
66	Chemical Composition, <i>In Vitro</i> Antimicrobial, Free-Radical-Scavenging and Antioxidant Activities of the Essential Oil of <i>Leucas inflata</i> Benth. <i>Molecules</i> , 2017, 22, 367.	1.7	11