

# Mohamed L Ashour

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92  
papers

1,694  
citations

25  
h-index

37  
g-index

108  
ext. papers

2,268  
ext. citations

3.8  
avg, IF

5.11  
L-index

#	Paper	IF	Citations
92	Ecdysteroids as Potent Enzyme Inhibitors and Verification of Their Activity Using in Vitro and in Silico Docking Studies. <i>Life</i> , <b>2022</b> , 12, 824	3	
91	Phytochemical Characterization and Heavy Metal and Thermal Analyses of Saussurea hypoleuca Root and Evaluation of Its Anthelmintic and Antioxidant Activity In Vitro and In Silico. <i>Separations</i> , <b>2022</b> , 9, 138	3.1	0
90	Neuroprotective Effects of Black Pepper Cold-Pressed Oil on Scopolamine-Induced Oxidative Stress and Memory Impairment in Rats.. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	7
89	Validation of the Antioxidant and Enzyme Inhibitory Potential of Selected Triterpenes Using In Vitro and In Silico Studies, and the Evaluation of Their ADMET Properties. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
88	Anti-Hyperglycaemic Evaluation of Leaves Using In Vitro, In Vivo and In Silico Studies and Its Correlation with the Major Phytoconstituents. <i>Plants</i> , <b>2021</b> , 10,	4.5	2
87	Phytoconstituents, Anti-Infective Activity of Lam., and Evaluation of its SARS-CoV-2 Inhibitory Potential. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 619373	5.6	3
86	Jojoba Oil: An Updated Comprehensive Review on Chemistry, Pharmaceutical Uses, and Toxicity. <i>Polymers</i> , <b>2021</b> , 13,	4.5	6
85	Multiple Molecular Mechanisms to Overcome Multidrug Resistance in Cancer by Natural Secondary Metabolites. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 658513	5.6	9
84	Overcoming Tribal Boundaries: The Biocultural Heritage of Foraging and Cooking Wild Vegetables among Four Pathan Groups in the Gadoon Valley, NW Pakistan. <i>Biology</i> , <b>2021</b> , 10,	4.9	4
83	Discrimination of the Essential Oils Obtained from Four Apiaceae Species Using Multivariate Analysis Based on the Chemical Compositions and Their Biological Activity. <i>Plants</i> , <b>2021</b> , 10,	4.5	5
82	A comparative study on chemical composition and antimicrobial activity of essential oils from three species from Uzbekistan. <i>Natural Product Research</i> , <b>2021</b> , 35, 696-701	2.3	4
81	Chemical constituents and gastro-protective potential of Pachira glabra leaves against ethanol-induced gastric ulcer in experimental rat model. <i>Inflammopharmacology</i> , <b>2021</b> , 29, 317-332	5.1	5
80	and : GC-based metabolomics for the assessment of seasonal and organ variation in their volatile components, and cytotoxic activity estimation. <i>Food and Function</i> , <b>2021</b> , 12, 5247-5259	6.1	2
79	GC-MS Based Identification of the Volatile Components of Six Species from Uzbekistan and Their Biological Activity. <i>Plants</i> , <b>2021</b> , 10,	4.5	3
78	Eichhornia crassipes: Shedding Light on its Chemical Composition, Biological Activities and Industrial Uses <b>2021</b> , 184-200		
77	Bioactive Alkaloids from Genus : Mechanistic Interpretation of Their Antimicrobial and Potential SARS-CoV-2 Inhibitory Activity Using Molecular Modelling. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
76	Cytotoxic Alkaloids Derived from Marine Sponges: A Comprehensive Review. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	6

75	The Impact of Geographical Location on the Chemical Compositions of <i>Pimpinella lutea</i> Desf. Growing in Tunisia. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 7739	2.6	1
74	Morphology, Anatomy and Secondary Metabolites Investigations of Blanco and Evaluation of Its Anti-Tuberculosis Activity Using In Vitro and In Silico Studies. <i>Plants</i> , <b>2021</b> , 10,	4.5	4
73	The Genus (Lamiaceae): A Review of Its Diversity, Ethnobotany, Phytochemistry, and Pharmacology. <i>Plants</i> , <b>2021</b> , 10,	4.5	3
72	The genus <i>Polyscias</i> (Araliaceae): A phytochemical and biological review. <i>Journal of Herbal Medicine</i> , <b>2020</b> , 23, 100377	2.3	3
71	: Seasonal Metabolic Variation in the Essential Oil Composition of Its Leaf and Verification of Its Anti-Ageing Potential via In Vitro Assays and Molecular Modelling. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	9
70	Polyphenols from Impair Virulence and Inhibit Quorum Sensing of. <i>Molecules</i> , <b>2020</b> , 25,	4.8	22
69	A Potent Lignan from Prunes Alleviates Inflammation and Oxidative Stress in Lithium/Pilocarpine-Induced Epileptic Seizures in Rats. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	6
68	New Epyrone glycoside from <i>Pachira glabra</i> and assessment of its gastroprotective activity using an alcohol-induced gastric ulcer model in rats. <i>Food and Function</i> , <b>2020</b> , 11, 1958-1965	6.1	6
67	A Polyphenol-Rich Fraction from Exhibits Antioxidant and Hepatoprotective Activities In Vivo. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	14
66	Subfamily Bombacoideae <b>2020</b> , 338-400		
65	and : Chemical Composition of Their Essential Oils and Their Potential Use as Natural Preservatives with Antimicrobial and Antioxidant Activities. <i>Foods</i> , <b>2020</b> , 9,	4.9	20
64	Chemical Profiling and Discrimination of Essential Oils from Six Species Using GC Analyses Coupled with Chemometrics and Evaluation of Their Antioxidant and Enzyme Inhibitory Potential. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	5
63	Pinoresinol-4-O- $\beta$ -D-glucopyranoside: a lignan from prunes ( <i>Prunus domestica</i> ) attenuates oxidative stress, hyperglycaemia and hepatic toxicity in vitro and in vivo. <i>Journal of Pharmacy and Pharmacology</i> , <b>2020</b> , 72, 1830-1839	4.8	4
62	Metabolic Profiling of Leaves using LC/MS and Evidence of their Antioxidant and Hepatoprotective Activity Using Different In Vitro and In Vivo Experimental Models. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	6
61	A Comprehensive Review of Bioactive Peptides from Marine Fungi and Their Biological Significance. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	46
60	The Essential Oil of Tunisian <i>Dysphania ambrosioides</i> and its Antimicrobial and Antiviral Properties. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , <b>2019</b> , 22, 282-294	1.7	6
59	Phytoconstituents from <i>Polyscias guilfoylei</i> leaves with histamine-release inhibition activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2019</b> , 74, 145-150	1.7	2
58	Chemical composition and biological activity of Ehrh., essential oils growing in southern Algeria. <i>Journal of Food Science and Technology</i> , <b>2019</b> , 56, 5346-5353	3.3	5

57	A Comprehensive Insight on the Health Benefits and Phytoconstituents of and Recent Approaches for Its Quality Control. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	15
56	Authentication and discrimination of green tea samples using UV-vis, FTIR and HPLC techniques coupled with chemometrics analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 164, 653-658	3.5	30
55	New secondary metabolites from the mangrove-derived fungus <i>Aspergillus</i> sp. AV-2. <i>Phytochemistry Letters</i> , <b>2019</b> , 29, 1-5	1.9	25
54	Chemical composition, antimicrobial and antioxidant activities of the essential oils of three Uzbek Lamiaceae species. <i>Natural Product Research</i> , <b>2019</b> , 33, 2394-2397	2.3	16
53	Evidence for the anti-inflammatory activity of <i>Bupleurum marginatum</i> (Apiaceae) extracts using in vitro and in vivo experiments supported by virtual screening. <i>Journal of Pharmacy and Pharmacology</i> , <b>2018</b> , 70, 952-963	4.8	24
52	High resolution UPLC-MS/MS profiling of polyphenolics in the methanol extract of <i>Syzygium samarangense</i> leaves and its hepatoprotective activity in rats with CCl <sub>4</sub> -induced hepatic damage. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 113, 145-153	4.7	37
51	New flavonoid glycosides from two <i>Astragalus</i> species (Fabaceae) and validation of their antihyperglycaemic activity using molecular modelling and in vitro studies. <i>Industrial Crops and Products</i> , <b>2018</b> , 118, 142-148	5.9	23
50	Chemical composition and antimicrobial activity of the essential oils of selected Apiaceous fruits. <i>Future Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 4, 88-92	2.1	39
49	Morphological, Anatomical, Genetical and High Performance Thin Layer Chromatography Profiling of <i>Buddleia indica</i> (Scrophulariaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2018</b> , 246-247, 83-95	1.9	5
48	: A Polyphenol- Rich Leaf Extract Exhibits Antioxidant, Hepatoprotective, Pain-Killing and Anti-inflammatory Activities in Animal Models. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 566	5.6	36
47	Chemical Composition of Aqueous Ethanol Extract of <i>Luffa cylindrica</i> Leaves and Its Effect on Representation of Caspase-8, Caspase-3, and the Proliferation Marker Ki67 in Intrinsic Molecular Subtypes of Breast Cancer in Vitro. <i>Chemistry and Biodiversity</i> , <b>2018</b> , 15, e1800045	2.5	9
46	Insights into the Traditional Uses of Certain Medicinally Important Genera Belonging to Family Scrophulariaceae. <i>Current Traditional Medicine</i> , <b>2018</b> , 4, 204-214	0.8	1
45	Bioassay guided fractionation and cytotoxic activity of <i>Daucus carota</i> var. <i>boissieri</i> . <i>Future Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 4, 14-17	2.1	1
44	Comparative Analysis of Volatile Constituents of <i>Pachira aquatica</i> Aubl. and <i>Pachira glabra</i> Pasq., their Anti-Mycobacterial and Anti- <i>Helicobacter pylori</i> Activities and their Metabolic Discrimination using Chemometrics. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , <b>2018</b> , 21, 1550-1567	1.7	13
43	Spiroarthrinols a and B, two novel meroterpenoids isolated from the sponge- derived fungus <i>Arthrinium</i> sp. <i>Phytochemistry Letters</i> , <b>2017</b> , 20, 246-251	1.9	19
42	Two new triterpenoids and a new naphthoquinone derivative isolated from a hard coral-derived fungus <i>Scopulariopsis</i> sp. <i>Fitoterapia</i> , <b>2017</b> , 116, 126-130	3.2	20
41	Antihyperglycaemic activity of the methanol extract from leaves of <i>Eremophila maculata</i> (Scrophulariaceae) in streptozotocin-induced diabetic rats. <i>Journal of Pharmacy and Pharmacology</i> , <b>2017</b> , 69, 733-742	4.8	25
40	Chemical Composition of <i>Pinus roxburghii</i> Bark Volatile Oil and Validation of Its Anti-Inflammatory Activity Using Molecular Modelling and Bleomycin-Induced Inflammation in Albino Mice. <i>Molecules</i> , <b>2017</b> , 22,	4.8	26

39	Inhibition of Cytochrome P450 (CYP3A4) Activity by Extracts from 57 Plants Used in Traditional Chinese Medicine (TCM). <i>Pharmacognosy Magazine</i> , <b>2017</b> , 13, 300-308	0.8	34
38	Chemotaxonomic Diversity of Three Species: Their Discrimination Using Chemometric Analysis and Their Role in Combating Oxidative Stress. <i>Pharmacognosy Magazine</i> , <b>2017</b> , 13, S613-S622	0.8	8
37	Chemical profiling of <i>Phlomis thapsoides</i> (Lamiaceae) and in vitro testing of its biological activities. <i>Medicinal Chemistry Research</i> , <b>2016</b> , 25, 2304-2315	2.2	22
36	<i>Eremophila maculata</i> -Isolation of a rare naturally-occurring lignan glycoside and the hepatoprotective activity of the leaf extract. <i>Phytomedicine</i> , <b>2016</b> , 23, 1484-1493	6.5	28
35	Chemical Profiling of the Essential Oils of <i>Syzygium aqueum</i> , <i>Syzygium samarangense</i> and <i>Eugenia uniflora</i> and Their Discrimination Using Chemometric Analysis. <i>Chemistry and Biodiversity</i> , <b>2016</b> , 13, 1537-1550	2.5	33
34	Xanthenes and sesquiterpene derivatives from a marine-derived fungus <i>Scopulariopsis</i> sp.. <i>Tetrahedron</i> , <b>2016</b> , 72, 2411-2419	2.4	32
33	Chemical Constituents of <i>Thymus seravschanicus</i> and Their Biological Activity. <i>Chemistry of Natural Compounds</i> , <b>2016</b> , 52, 352-355	0.7	5
32	Cytotoxic activity and molecular docking of a novel biflavonoid isolated from <i>Jacaranda acutifolia</i> (Bignoniaceae). <i>Natural Product Research</i> , <b>2016</b> , 30, 2093-100	2.3	16
31	Ursolic Acid, a Natural Pentacyclic Triterpene from and Its Role in The Management of Certain Neglected Tropical Diseases. <i>Pharmacognosy Magazine</i> , <b>2016</b> , 12, 319-325	0.8	7
30	Chemical composition and antimicrobial activity of essential oils of selected Apiaceous plants growing in Egypt. <i>Planta Medica</i> , <b>2016</b> , 81, S1-S381	3.1	1
29	Chemical composition and bioactivity of the essential oil of <i>Pinus roxburghii</i> bark. <i>Planta Medica</i> , <b>2016</b> , 81, S1-S381	3.1	
28	Polyphenols from <i>Erythrina crista-galli</i> : Structures, Molecular Docking and Phytoestrogenic Activity. <i>Molecules</i> , <b>2016</b> , 21,	4.8	9
27	Advances in Testing for Adulteration of Food Supplements <b>2016</b> , 667-699		2
26	Chemical composition and biological activity of the essential oil from <i>Thymus lanceolatus</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2016</b> , 71, 155-63	1.7	19
25	Volatile constituents of <i>Dietes bicolor</i> (Iridaceae) and their antimicrobial activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2015</b> , 70, 217-25	1.7	20
24	<i>Fallopia japonica</i> , a Natural Modulator, Can Overcome Multidrug Resistance in Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 868424	2.3	12
23	Anti-infective and cytotoxic properties of <i>Bupleurum marginatum</i> . <i>Chinese Medicine</i> , <b>2014</b> , 9, 4	4.7	19
22	Chemical Composition and Biological Activity of Essential Oils of Cumin and Coriander Fruits from Egypt. <i>Natural Products Journal</i> , <b>2014</b> , 4, 63-69	0.6	3

21	Profile of Volatile Components of Hydrodistilled and Extracted Leaves of <i>Jacaranda acutifolia</i> and their Antimicrobial Activity Against Foodborne Pathogens. <i>Natural Product Communications</i> , <b>2014</b> , 9, 1934578X1400900	0.9	5
20	Volatile oils from the aerial parts of <i>Eremophila maculata</i> and their antimicrobial activity. <i>Chemistry and Biodiversity</i> , <b>2014</b> , 11, 831-41	2.5	18
19	Profile of volatile components of hydrodistilled and extracted leaves of <i>Jacaranda acutifolia</i> and their antimicrobial activity against foodborne pathogens. <i>Natural Product Communications</i> , <b>2014</b> , 9, 1007-10	2.9	10
18	Variations of the chemical composition and bioactivity of essential oils from leaves and stems of <i>Liquidambar styraciflua</i> (Altingiaceae). <i>Journal of Pharmacy and Pharmacology</i> , <b>2013</b> , 65, 1653-63	4.8	27
17	Chemical composition and anti-inflammatory activity of the essential oils of <i>Psidium guajava</i> fruits and leaves. <i>Journal of Essential Oil Research</i> , <b>2013</b> , 25, 475-481	2.3	36
16	Modulation of multidrug resistance in cancer cells by chelidonine and <i>Chelidonium majus</i> alkaloids. <i>Phytomedicine</i> , <b>2013</b> , 20, 282-94	6.5	65
15	Suberoylanilide hydroxamic acid, a histone deacetylase inhibitor, induces the production of anti-inflammatory cyclodepsipeptides from <i>Beauveria felina</i> . <i>Journal of Natural Products</i> , <b>2013</b> , 76, 1260-6	4.9	44
14	A novel methylated sesquiterpene from seagrass <i>Posidonia oceanica</i> (L.) Delile. <i>Natural Product Research</i> , <b>2013</b> , 27, 1265-70	2.3	13
13	Chemical Composition of the Essential Oils of Variegated Pink-Fleshed Lemon ( <i>Citrus x limon</i> L. Burm. f.) and their Anti-Inflammatory and Antimicrobial Activities. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2013</b> , 68, 275-284	1.7	17
12	Chemical Composition of the Essential Oils of Variegated Pink-Fleshed Lemon ( <i>Citrus x limon</i> L. Burm. f.) and their Anti-Inflammatory and Antimicrobial Activities. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2013</b> , 68, 0275	1.7	10
11	The genus <i>Eremophila</i> (Scrophulariaceae): an ethnobotanical, biological and phytochemical review. <i>Journal of Pharmacy and Pharmacology</i> , <b>2013</b> , 65, 1239-79	4.8	31
10	Chemical composition of the essential oils of variegated pink-fleshed lemon ( <i>Citrus x limon</i> L. Burm. f.) and their anti-inflammatory and antimicrobial activities. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2013</b> , 68, 275-84	1.7	6
9	A novel cytotoxic aryltetraline lactone from <i>Bupleurum marginatum</i> (Apiaceae). <i>Phytochemistry Letters</i> , <b>2012</b> , 5, 387-392	1.9	17
8	Secondary Metabolites from Plants Inhibiting ABC Transporters and Reversing Resistance of Cancer Cells and Microbes to Cytotoxic and Antimicrobial Agents. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 130	5.7	101
7	Genus <i>Bupleurum</i> : a review of its phytochemistry, pharmacology and modes of action. <i>Journal of Pharmacy and Pharmacology</i> , <b>2011</b> , 63, 305-21	4.8	159
6	Diversity of Pharmacological Properties in Chinese and European Medicinal Plants: Cytotoxicity, Antiviral and Antitrypanosomal Screening of 82 Herbal Drugs. <i>Diversity</i> , <b>2011</b> , 3, 547-580	2.5	25
5	Biological activity of the essential oil of <i>Kadsura longipedunculata</i> (Schisandraceae) and its major components. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 62, 1037-44	4.8	72
4	Chemical composition and biological activity of the essential oil obtained from <i>Bupleurum marginatum</i> (Apiaceae). <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 61, 1079-1087	4.8	46

3	Screening of some Tanzanian medicinal plants for their trypanocidal and cytotoxic activities. <i>Phytotherapy Research</i> , <b>2010</b> , 24, 945-7	6.7	40
2	Chemical composition and biological activity of the essential oil obtained from <i>Bupleurum marginatum</i> (Apiaceae). <i>Journal of Pharmacy and Pharmacology</i> , <b>2009</b> , 61, 1079-87	4.8	30
1	Biochemistry of Terpenoids: Monoterpenes, Sesquiterpenes and Diterpenes 258-303		45