

# Nasreddine El Omari

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

1,506  
citations

304743

22  
h-index

345221

36  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological Properties of Chalcones: A Review of Preclinical Including Molecular Mechanisms and Clinical Evidence. <i>Frontiers in Pharmacology</i> , 2020, 11, 592654.	3.5	140
2	Natural Products and Synthetic Analogs as a Source of Antitumor Drugs. <i>Biomolecules</i> , 2019, 9, 679.	4.0	117
3	Cinnamomum Species: Bridging Phytochemistry Knowledge, Pharmacological Properties and Toxicological Safety for Health Benefits. <i>Frontiers in Pharmacology</i> , 2021, 12, 600139.	3.5	89
4	Health beneficial and pharmacological properties of p-cymene. <i>Food and Chemical Toxicology</i> , 2021, 153, 112259.	3.6	73
5	Heavy Metal Contamination of Natural Foods Is a Serious Health Issue: A Review. <i>Sustainability</i> , 2022, 14, 161.	3.2	67
6	Traditional use, phytochemistry, toxicology, and pharmacology of <i>Origanum majorana</i> L.. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113318.	4.1	60
7	The Treatment of Cognitive, Behavioural and Motor Impairments from Brain Injury and Neurodegenerative Diseases through Cannabinoid System Modulation—Evidence from In Vivo Studies. <i>Journal of Clinical Medicine</i> , 2020, 9, 2395.	2.4	53
8	Moroccan antidiabetic medicinal plants: Ethnobotanical studies, phytochemical bioactive compounds, preclinical investigations, toxicological validations and clinical evidences; challenges, guidance and perspectives for future management of diabetes worldwide. <i>Trends in Food Science and Technology</i> , 2021, 115, 147-254.	15.1	53
9	Plant-microbial interaction: The mechanism and the application of microbial elicitor induced secondary metabolites biosynthesis in medicinal plants. <i>Plant Physiology and Biochemistry</i> , 2021, 167, 269-295.	5.8	48
10	Health Benefits and Pharmacological Properties of Carvone. <i>Biomolecules</i> , 2021, 11, 1803.	4.0	46
11	Essential oils of <i>Mentha viridis</i> rich phenolic compounds show important antioxidant, antidiabetic, dermatoprotective, antidermatophyte and antibacterial properties. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 23, 101471.	3.1	44
12	Mechanisms, Anti-Quorum-Sensing Actions, and Clinical Trials of Medicinal Plant Bioactive Compounds against Bacteria: A Comprehensive Review. <i>Molecules</i> , 2022, 27, 1484.	3.8	42
13	<i>In Vitro</i> and <i>In Vivo</i> Biological Investigations of Camphene and Its Mechanism Insights: A Review. <i>Food Reviews International</i> , 2023, 39, 1799-1826.	8.4	38
14	Sources, health benefits, and biological properties of zeaxanthin. <i>Trends in Food Science and Technology</i> , 2021, 118, 519-538.	15.1	38
15	The Role of Epigenetic Modifications in Human Cancers and the Use of Natural Compounds as Epidrugs: Mechanistic Pathways and Pharmacodynamic Actions. <i>Biomolecules</i> , 2022, 12, 367.	4.0	38
16	Evaluation of <i>In Vitro</i> Antioxidant and Antidiabetic Activities of <i>Aristolochia longa</i> Extracts. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	1.2	37
17	Chemical Compounds of Berry-Derived Polyphenols and Their Effects on Gut Microbiota, Inflammation, and Cancer. <i>Molecules</i> , 2022, 27, 3286.	3.8	36
18	Phytochemical and biological activities of <i>Pinus halepensis</i> mill., and their ethnomedicinal use. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113661.	4.1	34

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19	Anti-inflammatory and analgesic properties of Moroccan medicinal plants: Phytochemistry, inÂvitro and inÂvivo investigations, mechanism insights, clinical evidences and perspectives. Journal of Pharmaceutical Analysis, 2022, 12, 35-57.	5.3	33
20	Natural Bioactive Compounds Targeting Epigenetic Pathways in Cancer: A Review on Alkaloids, Terpenoids, Quinones, and Isothiocyanates. Nutrients, 2021, 13, 3714.	4.1	32
21	Ethnomedicinal use, phytochemistry, pharmacology, and food benefits of Thymus capitatus. Journal of Ethnopharmacology, 2020, 259, 112925.	4.1	30
22	Is â€” the rhizosphere a source of applicable multi-beneficial microorganisms for plant enhancement?. Saudi Journal of Biological Sciences, 2022, 29, 1246-1259.	3.8	28
23	Ethnobotany, Phytochemistry, Biological Activities, and Health-Promoting Effects of the Genus Bulbophyllum. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-15.	1.2	24
24	Ethnomedicinal use, phytochemistry, pharmacology, and toxicology of Ajuga iva (L.) schreb. Journal of Ethnopharmacology, 2020, 258, 112875.	4.1	21
25	Preclinical and Clinical Antioxidant Effects of Natural Compounds against Oxidative Stress-Induced Epigenetic Instability in Tumor Cells. Antioxidants, 2021, 10, 1553.	5.1	21
26	Health Benefits and Pharmacological Properties of Hinokitiol. Processes, 2021, 9, 1680.	2.8	20
27	Anticancer mechanisms of phytochemical compounds: focusing on epigenetic targets. Environmental Science and Pollution Research, 2021, 28, 47869-47903.	5.3	19
28	Vegetables and Their Bioactive Compounds as Anti-Aging Drugs. Molecules, 2022, 27, 2316.	3.8	18
29	Genetic diversity, antimicrobial, nutritional, and phytochemical properties of Chenopodium album: A comprehensive review. Food Research International, 2022, 154, 110979.	6.2	16
30	Natural Sources and Pharmacological Properties of Pinosylvin. Plants, 2022, 11, 1541.	3.5	16
31	Ethnomedicinal use, phytochemistry, pharmacology, and toxicology of Daphne gnidium: A review. Journal of Ethnopharmacology, 2021, 275, 114124.	4.1	15
32	Phytochemistry, Toxicology, and Pharmacological Properties of Origanum elongatum. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-12.	1.2	14
33	Anticancer and Anti-Inflammatory Effects of Tomentosin: Cellular and Molecular Mechanisms. Separations, 2021, 8, 207.	2.4	14
34	Medicinal Uses, Phytochemistry, Pharmacology, and Toxicology of Mentha spicata. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-32.	1.2	14
35	Phytochemical properties, biological activities and medicinal use of Centaurium erythraea Rafn. Journal of Ethnopharmacology, 2021, 276, 114171.	4.1	13
36	Natural Bioactive Compounds Targeting Histone Deacetylases in Human Cancers: Recent Updates. Molecules, 2022, 27, 2568.	3.8	12

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37	Determination of Volatile Compounds of <i>Mentha piperita</i> and <i>Lavandula multifida</i> and Investigation of Their Antibacterial, Antioxidant, and Antidiabetic Properties. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-9.	1.2	12
38	Natural Sources, Pharmacological Properties, and Health Benefits of Daucoesterol: Versatility of Actions. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5779.	2.5	11
39	A review on transcriptomic and metabolomic responses of plants to nanopollution. <i>Environmental Science and Pollution Research</i> , 2022, 29, 22913-22929.	5.3	10
40	Pharmacological investigation of <i>Ajuga reptans</i> essential oils collected at three phenological stages. <i>Flavour and Fragrance Journal</i> , 2021, 36, 75-83.	2.6	8
41	Phytochemistry and Biological Properties of <i>Salvia verbenaca</i> L.: A Comprehensive Review. <i>BioMed Research International</i> , 2022, 2022, 1-29.	1.9	6
42	Recent Advances in the Chemical Composition and Biological Activities of Propolis. <i>Food Reviews International</i> , 2023, 39, 6078-6128.	8.4	6
43	Toxicological Investigations of <i>Aristolochia longa</i> Root Extracts. <i>Journal of Toxicology</i> , 2020, 2020, 1-11.	3.0	5
44	Antileishmanial Properties of Moroccan Medicinal Plants and Mechanism Insights of their Main Compounds. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 7162-7176.	1.0	5
45	Pharmacological Effects of Grifolin: Focusing on Anticancer Mechanisms. <i>Molecules</i> , 2022, 27, 284.	3.8	5
46	Quorum Sensing and Plant-Bacteria Interaction: Role of Quorum Sensing in the Rhizobacterial Community Colonization in the Rhizosphere. <i>ACS Symposium Series</i> , 2020, , 139-153.	0.5	4
47	Comparative Study of Leaf and Rootstock Aqueous Extracts of <i>Foeniculum vulgare</i> on Chemical Profile and In Vitro Antioxidant and Antihyperglycemic Activities. <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , 2020, 2020, 1-9.	1.3	3
48	HPLC-DAD/TOF-MS Chemical Compounds Analysis and Evaluation of Antibacterial Activity of <i>Aristolochia longa</i> Root Extracts. <i>Natural Product Communications</i> , 2020, 15, 1934578X2093275.	0.5	3
49	Natural Bioactive Compounds from Medicinal Plants as Antibacterial Drugs: Mechanism Insights and Clinical Perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 1093-1103.	2.1	3
50	Impacts of nutritive and bioactive compounds on cancer development and therapy. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, , 1-30.	10.3	3
51	Phytochemistry and Pharmacology of <i>Thymus broussonetii</i> Boiss. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-15.	1.2	2
52	Litholytic Activities of Natural Bioactive Compounds and Their Mechanism Insights. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8702.	2.5	2
53	Therapeutic Strategies of COVID-19: from Natural Compounds to Vaccine Trials. <i>Biointerface Research in Applied Chemistry</i> , 2020, 11, 8318-8373.	1.0	2
54	Essential Oils for Combating Antimicrobial Resistance: Mechanism Insights and Clinical Uses. , 2022, , 323-355.		2

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55	Quorum Sensing as Molecular Target to Fight Against Infectious Diseases. ACS Symposium Series, 2020, , 67-85.	0.5	1
56	Comprehensive Overview On Nutritional, Phytochemistry And Pharmacological Properties Of <i>Tetraclinis Articulata</i> Masters. Food Reviews International, 2023, 39, 3691-3752.	8.4	0