

# Riadh Ksouri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/480488/publications.pdf>

Version: 2024-02-01

149  
papers

6,453  
citations

71102

41  
h-index

79698

73  
g-index

151  
all docs

151  
docs citations

151  
times ranked

7317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Salinity effects on polyphenol content and antioxidant activities in leaves of the halophyte <i>Cakile maritima</i> . <i>Plant Physiology and Biochemistry</i> , 2007, 45, 244-249.	5.8	379
2	Essential oils: A promising eco-friendly food preservative. <i>Food Chemistry</i> , 2020, 330, 127268.	8.2	329
3	Medicinal halophytes: potent source of health promoting biomolecules with medical, nutraceutical and food applications. <i>Critical Reviews in Biotechnology</i> , 2012, 32, 289-326.	9.0	307
4	Phenolic composition of <i>Cynara cardunculus</i> L. organs, and their biological activities. <i>Comptes Rendus - Biologies</i> , 2008, 331, 372-379.	0.2	260
5	Influence of biological, environmental and technical factors on phenolic content and antioxidant activities of Tunisian halophytes. <i>Comptes Rendus - Biologies</i> , 2008, 331, 865-873.	0.2	247
6	Antioxidant and antimicrobial activities of the edible medicinal halophyte <i>Tamarix gallica</i> L. and related polyphenolic constituents. <i>Food and Chemical Toxicology</i> , 2009, 47, 2083-2091.	3.6	242
7	Phenolic composition and biological activities of Tunisian <i>Nigella sativa</i> L. shoots and roots. <i>Comptes Rendus - Biologies</i> , 2008, 331, 48-55.	0.2	198
8	Total phenolic, flavonoid and tannin contents and antioxidant and antimicrobial activities of organic extracts of shoots of the plant <i>Limonium delicatulum</i> . <i>Journal of Taibah University for Science</i> , 2014, 8, 216-224.	2.5	185
9	Chemical composition and biological activities of Tunisian <i>Cuminum cyminum</i> L. essential oil: A high effectiveness against <i>Vibrio</i> spp. strains. <i>Food and Chemical Toxicology</i> , 2010, 48, 2186-2192.	3.6	157
10	Biological activities of the essential oils and methanol extract of two cultivated mint species ( <i>Mentha longifolia</i> and <i>Mentha pulegium</i> ) used in the Tunisian folkloric medicine. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 2227-2238.	3.6	134
11	Physiological and antioxidant responses of <i>Mentha pulegium</i> (Pennyroyal) to salt stress. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 289-296.	2.1	118
12	Optimization of ultrasound-assisted extraction of antioxidant compounds from Tunisian <i>Zizyphus lotus</i> fruits using response surface methodology. <i>Food Chemistry</i> , 2015, 184, 80-89.	8.2	116
13	Antioxidant properties of the essential oil of <i>Eugenia caryophyllata</i> and its antifungal activity against a large number of clinical <i>Candida</i> species. <i>Mycoses</i> , 2007, 50, 403-406.	4.0	110
14	Phenolic content, antioxidant, anti-inflammatory and anticancer activities of the edible halophyte <i>Suaeda fruticosa</i> Forssk. <i>Food Chemistry</i> , 2012, 132, 943-947.	8.2	107
15	Chemical composition and antimicrobial activity of the essential oils from four <i>Ruta</i> species growing in Algeria. <i>Food Chemistry</i> , 2013, 141, 253-258.	8.2	102
16	Solvent effects on phenolic contents and biological activities of the halophyte <i>Limonium monopetalum</i> leaves. <i>LWT - Food Science and Technology</i> , 2010, 43, 632-639.	5.2	96
17	Variability of antioxidant and antibacterial effects of essential oils and acetonitrile extracts of two edible halophytes: <i>Crithmum maritimum</i> L. and <i>Inula crithmoides</i> L.. <i>Food Chemistry</i> , 2014, 145, 1031-1038.	8.2	92
18	Optimization extraction of polysaccharide from Tunisian <i>Zizyphus lotus</i> fruit by response surface methodology: Composition and antioxidant activity. <i>Food Chemistry</i> , 2016, 212, 476-484.	8.2	88

#	ARTICLE	IF	CITATIONS
19	Quality preservation of deliberately contaminated milk using thyme free and nanoemulsified essential oils. <i>Food Chemistry</i> , 2017, 217, 726-734.	8.2	84
20	Interactive effects of salinity and iron deficiency in <i>Medicago ciliaris</i> . <i>Comptes Rendus - Biologies</i> , 2007, 330, 779-788.	0.2	77
21	Salt tolerance of the annual halophyte <i>Cakile maritima</i> as affected by the provenance and the developmental stage. <i>Acta Physiologiae Plantarum</i> , 2007, 29, 375-384.	2.1	73
22	Antioxidant and antimicrobial phenolic compounds from extracts of cultivated and wild-grown Tunisian <i>Ruta chalepensis</i> . <i>Journal of Food and Drug Analysis</i> , 2017, 25, 350-359.	1.9	68
23	Evaluation of antioxidant activity of hydromethanolic extracts of some medicinal species from South Algeria. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 302-307.	1.4	67
24	Antioxidant activity and phenolic composition of the medicinal and edible halophyte <i>Mesembryanthemum edule</i> L.. <i>Industrial Crops and Products</i> , 2011, 34, 1066-1071.	5.2	65
25	Nanoencapsulated <i>Thymus capitatus</i> essential oil as natural preservative. <i>Innovative Food Science and Emerging Technologies</i> , 2018, 45, 92-97.	5.6	63
26	Phytochemical analysis, antioxidant, anti-inflammatory, and anticancer activities of the halophyte <i>Limonium densiflorum</i> extracts on human cell lines and murine macrophages. <i>South African Journal of Botany</i> , 2015, 99, 158-164.	2.5	62
27	Nanoencapsulation of <i>Thymus capitatus</i> essential oil: Formulation process, physical stability characterization and antibacterial efficiency monitoring. <i>Industrial Crops and Products</i> , 2018, 113, 414-421.	5.2	60
28	LC-ESI-TOF-MS identification of bioactive secondary metabolites involved in the antioxidant, anti-inflammatory and anticancer activities of the edible halophyte <i>Zygophyllum album</i> Desf.. <i>Food Chemistry</i> , 2013, 139, 1073-1080.	8.2	59
29	<i>Artemisia campestris</i> phenolic compounds have antioxidant and antimicrobial activity. <i>Industrial Crops and Products</i> , 2015, 63, 104-113.	5.2	59
30	Evaluation of antioxidant activities of the edible and medicinal <i>Suaeda</i> species and related phenolic compounds. <i>Industrial Crops and Products</i> , 2012, 36, 513-518.	5.2	55
31	Effect of salt treatment on phenolic compounds and antioxidant activity of two <i>Mesembryanthemum edule</i> provenances. <i>Plant Physiology and Biochemistry</i> , 2012, 52, 1-8.	5.8	53
32	Potassium deficiency alters growth, photosynthetic performance, secondary metabolites content, and related antioxidant capacity in <i>Sulla carnosa</i> grown under moderate salinity. <i>Plant Physiology and Biochemistry</i> , 2017, 118, 609-617.	5.8	51
33	Essential Oils in Livestock: From Health to Food Quality. <i>Antioxidants</i> , 2021, 10, 330.	5.1	51
34	Genotypic variability within Tunisian grapevine varieties ( <i>Vitis vinifera</i> L.) facing bicarbonate-induced iron deficiency. <i>Plant Physiology and Biochemistry</i> , 2007, 45, 315-322.	5.8	49
35	Alleviation of phosphorus deficiency stress by moderate salinity in the halophyte <i>Hordeum maritimum</i> L.. <i>Plant Growth Regulation</i> , 2012, 66, 75-85.	3.4	49
36	Physiological and leaf metabolome changes in the xerohalophyte species <i>Atriplex halimus</i> induced by salinity. <i>Plant Physiology and Biochemistry</i> , 2016, 103, 208-218.	5.8	49

#	ARTICLE	IF	CITATIONS
37	Changes in phenolic composition and antioxidant activities of the edible halophyte <i>Crithmum maritimum</i> L. with physiological stage and extraction method. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 1451-1459.	2.1	47
38	<i>Orthophytum scoparium</i> inhibits melanogenesis through the down-regulation of tyrosinase and melanogenic gene expressions in B16 melanoma cells. <i>Experimental Dermatology</i> , 2013, 22, 131-136.	2.9	47
39	Biochemical Responses to True and Bicarbonate-Induced Iron Deficiency in Grapevine Genotypes. <i>Journal of Plant Nutrition</i> , 2006, 29, 305-315.	1.9	44
40	Bioactive compounds and antioxidant activity of <i>Pimpinella anisum</i> L. accessions at different ripening stages. <i>Scientia Horticulturae</i> , 2019, 246, 453-461.	3.6	44
41	Relation between salt tolerance and biochemical changes in cumin ( <i>Cuminum cyminum</i> L.) seeds. <i>Journal of Food and Drug Analysis</i> , 2017, 25, 391-402.	1.9	43
42	LC/ESI-MS/MS characterisation of procyanidins and propelargonidins responsible for the strong antioxidant activity of the edible halophyte <i>Mesembryanthemum edule</i> L.. <i>Food Chemistry</i> , 2011, 127, 1732-1738.	8.2	42
43	The effects of extraction method on the measured tocopherol level and antioxidant activity of <i>L. nobilis</i> vegetative organs. <i>Journal of Food Composition and Analysis</i> , 2011, 24, 103-110.	3.9	42
44	<i>Cupressus sempervirens</i> essential oils and their major compounds successfully control postharvest grey mould disease of tomato. <i>Industrial Crops and Products</i> , 2018, 123, 135-141.	5.2	42
45	Application of the mixture design for optimum antimicrobial activity: Combined treatment of <i>Syzygium aromaticum</i> , <i>Cinnamomum zeylanicum</i> , <i>Myrtus communis</i> , and <i>Lavandula stoechas</i> essential oils against <i>Escherichia coli</i> . <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14257.	2.0	42
46	Cytoprotective and antioxidant effects of the edible halophyte <i>Sarcocornia perennis</i> L. (swampfire) against lead-induced toxicity in renal cells. <i>Ecotoxicology and Environmental Safety</i> , 2013, 95, 44-51.	6.0	41
47	Isolation of powerful antioxidants from the medicinal halophyte <i>Limoniastrum guyonianum</i> . <i>Food Chemistry</i> , 2012, 135, 1419-1424.	8.2	40
48	LC-ESI-TOF-MS and GC-MS profiling of <i>Artemisia herba-alba</i> and evaluation of its bioactive properties. <i>Food Research International</i> , 2017, 99, 702-712.	6.2	40
49	Spirulina or dandelion-enriched diet of mothers alleviates lead-induced damages in brain and cerebellum of newborn rats. <i>Food and Chemical Toxicology</i> , 2012, 50, 2303-2310.	3.6	39
50	Valorization of three varieties of grape. <i>Industrial Crops and Products</i> , 2009, 30, 292-296.	5.2	37
51	Different antioxidant responses to salt stress in two different provenances of <i>Carthamus tinctorius</i> L.. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 1435-1444.	2.1	36
52	Physiological responses of Tunisian grapevine varieties to bicarbonate-induced iron deficiency. <i>Journal of Plant Physiology</i> , 2005, 162, 335-341.	3.5	34
53	Municipal solid waste compost application improves productivity, polyphenol content, and antioxidant capacity of <i>Mesembryanthemum edule</i> . <i>Journal of Hazardous Materials</i> , 2011, 191, 373-379.	12.4	34
54	Variation of phenolic composition and biological activities in <i>Limoniastrum monopetalum</i> L. organs. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 87-96.	2.1	33

#	ARTICLE	IF	CITATIONS
55	Differential tolerance to iron deficiency of chickpea varieties and Fe resupply effects. <i>Comptes Rendus - Biologies</i> , 2007, 330, 237-246.	0.2	31
56	EFFECTS OF ENVIRONMENT AND DEVELOPMENT STAGE ON PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITIES OF MENTHA PULEGIUM L.. <i>Journal of Food Biochemistry</i> , 0, 34, 79-89.	2.9	31
57	Prophylactic and curative effect of rosemary leaves extract in a bleomycin model of pulmonary fibrosis. <i>Pharmaceutical Biology</i> , 2017, 55, 462-471.	2.9	30
58	Water deficit stress applied only or combined with salinity affects physiological parameters and antioxidant capacity in <i>Sesuvium portulacastrum</i> . <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2015, 213, 69-76.	1.2	29
59	Antioxidant, haemolytic activities and HPLC-ESI-MSn characterization of phenolic compounds from root bark of <i>Juniperus oxycedrus</i> subsp. <i>oxycedrus</i> . <i>Industrial Crops and Products</i> , 2015, 64, 182-187.	5.2	29
60	Variation of polyphenolic composition, antioxidants and physiological characteristics of dill ( <i>Anethum graveolens</i> L.) as affected by bicarbonate-induced iron deficiency conditions. <i>Industrial Crops and Products</i> , 2018, 126, 466-476.	5.2	29
61	<i>Tetraclinis articulata</i> essential oil reduces <i>Botrytis cinerea</i> infections on tomato. <i>Scientia Horticulturae</i> , 2020, 266, 109291.	3.6	29
62	Differences in responses to iron deficiency between two legumes: lentil ( <i>Lens culinaris</i> ) and chickpea ( <i>Cicer arietinum</i> ). <i>Journal of Plant Physiology</i> , 2005, 162, 1237-1245.	3.5	28
63	Polyphenol content and biological activities of <i>Mesembryanthemum edule</i> organs after fractionation. <i>Industrial Crops and Products</i> , 2013, 42, 145-152.	5.2	28
64	Anticancer effect of <i>Tamarix gallica</i> extracts on human colon cancer cells involves Erk1/2 and p38 action on G2/M cell cycle arrest. <i>Cytotechnology</i> , 2013, 65, 927-936.	1.6	28
65	Formulation, physicochemical characterization, and anti- <i>E. coli</i> activity of food-grade nanoemulsions incorporating clove, cinnamon, and lavender essential oils. <i>Food Chemistry</i> , 2021, 359, 129963.	8.2	28
66	Antioxidant and selective anticancer activities of two <i>Euphorbia</i> species in human acute myeloid leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 375-385.	5.6	27
67	Effects of salt treatment on growth, lipid membrane peroxidation, polyphenol content, and antioxidant activities in leaves of <i>Sesuvium portulacastrum</i> L.. <i>Arid Land Research and Management</i> , 2017, 31, 404-417.	1.6	26
68	Effect of bioclimatic area and season on phenolics and antioxidant activities of rosemary ( <i>Rosmarinus officinalis</i> L.) leaves. <i>Journal of Essential Oil Research</i> , 2019, 31, 432-443.	2.7	26
69	In Vitro Antiproliferative Effect of <i>Arthrocnemum indicum</i> Extracts on Caco-2 Cancer Cells through Cell Cycle Control and Related Phenol LC-TOF-MS Identification. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	1.2	25
70	LC-MS identification and preparative HPLC isolation of <i>Frankenia pulverulenta</i> phenolics with antioxidant and neuroprotective capacities in PC12 cell line. <i>Pharmaceutical Biology</i> , 2017, 55, 880-887.	2.9	25
71	The antioxidant properties of new dimer and two monomers of phenolic acid amides isolated from <i>Limoniastrum guyonianum</i> . <i>Food Chemistry</i> , 2014, 146, 466-471.	8.2	24
72	Ripening Stage and Extraction Method Effects on Physical Properties, Polyphenol Composition and Antioxidant Activities of Cumin ( <i>Cuminum cyminum</i> L.) Seeds. <i>Plant Foods for Human Nutrition</i> , 2014, 69, 358-364.	3.2	24

#	ARTICLE	IF	CITATIONS
73	Dehydrojuncusol, a Natural Phenanthrene Compound Extracted from <i>Juncus maritimus</i> , Is a New Inhibitor of Hepatitis C Virus RNA Replication. Journal of Virology, 2019, 93, .	3.4	24
74	Salt effect on phenolics and antioxidant activities of Tunisian and Canadian sweet marjoram ( <i>Origanum majorana</i> L.) shoots. Journal of the Science of Food and Agriculture, 2013, 93, 134-141.	3.5	23
75	Phenolic contents and biological activities of Limoniastrum guyonianum fractions obtained by Centrifugal Partition Chromatography. Industrial Crops and Products, 2013, 49, 740-746.	5.2	23
76	Antimicrobial activities and phytochemical analysis of Tamarix gallica extracts. Industrial Crops and Products, 2015, 76, 1114-1122.	5.2	23
77	Antiviral-guided fractionation and isolation of phenolic compounds from Limonium densiflorum hydroalcoholic extract. Comptes Rendus Chimie, 2016, 19, 726-732.	0.5	22
78	Antibesity Effects of an Edible Halophyte <i>Nitraria retusa</i> Forssk in 3T3-L1 Preadipocyte Differentiation and in C57B6/J Mice Fed a High Fat Diet-Induced Obesity. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	21
79	Comparative Study of the Interactive Effects of Salinity and Phosphorus Availability in Wild (Hordeum) Tj ETQq1 1 0.784314 r gBT /Over	5.1	21
80	Immunomodulatory and antioxidant protective effect of <i>Sarcocornia perennis</i> L. (swampfire) in lead intoxicated rat. Toxicology Mechanisms and Methods, 2017, 27, 697-706.	2.7	21
81	Antioxidant, anti-inflammatory and anticancer activities of the medicinal halophyte Reaumuria vermiculata. EXCLI Journal, 2016, 15, 297-307.	0.7	21
82	Responses of Arabidopsis thaliana to bicarbonate-induced iron deficiency. Acta Physiologiae Plantarum, 2009, 31, 849-853.	2.1	20
83	Variability of phenolic content and antioxidant activity of two lettuce varieties under Fe deficiency. Journal of the Science of Food and Agriculture, 2013, 93, 2016-2021.	3.5	20
84	Antioxidant activity profiling by spectrophotometric methods of aqueous methanolic extracts of Helichrysum stoechas subsp. rupestre and Phagnalon saxatile subsp. saxatile. Chinese Journal of Natural Medicines, 2014, 12, 415-422.	1.3	20
85	Protective effects of edible Rhus tripartita (Ucria) stem extract against ethanol-induced gastric ulcer in rats. Journal of Functional Foods, 2017, 30, 260-269.	3.4	20
86	Tamarix gallica phenolics protect IEC-6 cells against H <sub>2</sub> O <sub>2</sub> induced stress by restricting oxidative injuries and MAPKs signaling pathways. Biomedicine and Pharmacotherapy, 2017, 89, 490-498.	5.6	20
87	Antiviral efficacy of Limonium densiflorum against HSV-1 and influenza viruses. South African Journal of Botany, 2014, 92, 65-72.	2.5	19
88	Optimization of antioxidant and antiglycated activities of polysaccharides from Arthrocnemum indicum leaves. International Journal of Biological Macromolecules, 2018, 113, 774-782.	7.5	19
89	Effects of potassium supply on growth, gas exchange, phenolic composition, and related antioxidant properties in the forage legume Sulla carnosa. Flora: Morphology, Distribution, Functional Ecology of Plants, 2016, 223, 38-45.	1.2	18
90	Diplotaxis harra and Diplotaxis simplex organs: Assessment of phenolics and biological activities before and after fractionation. Industrial Crops and Products, 2013, 45, 141-147.	5.2	17

#	ARTICLE	IF	CITATIONS
91	Oral administration of <i>Nitraria retusa</i> ethanolic extract enhances hepatic lipid metabolism in db/db mice model $\hat{=}$ BKS.Cg-Dock7+/+ <i>Leprdb/J</i> $\hat{=}$ ™ through the modulation of lipogenesis $\hat{=}$ lipolysis balance. Food and Chemical Toxicology, 2014, 72, 247-256.	3.6	17
92	Thymus capitatus essential oil ameliorates pasteurization efficiency. Journal of Food Science and Technology, 2018, 55, 3446-3452.	2.8	16
93	Cynara cardunculus Crude Extract as a Powerful Natural Herbicide and Insight into the Mode of Action of Its Bioactive Molecules. Biomolecules, 2020, 10, 209.	4.0	16
94	Green Solvent to Substitute Hexane for Bioactive Lipids Extraction from Black Cumin and Basil Seeds. Foods, 2021, 10, 1493.	4.3	16
95	Limoniastrum guyonianum prevents H <sub>2</sub> O <sub>2</sub> -induced oxidative damage in IEC-6 cells by enhancing enzymatic defense, reducing glutathione depletion and JNK phosphorylation. Biomedicine and Pharmacotherapy, 2017, 95, 1404-1411.	5.6	15
96	Bio-guided fractionation and characterization of powerful antioxidant compounds from the halophyte <i>Inula crithmo</i> N $\hat{=}$ des. Arabian Journal of Chemistry, 2020, 13, 2680-2688.	4.9	15
97	Antistress Effects of the Ethanolic Extract from <i>Cymbopogon schoenanthus</i> Growing Wild in Tunisia. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	1.2	14
98	Potential assessment of <i>Rumex vesicarius</i> L. as a source of natural antioxidants and bioactive compounds. Journal of Food Science and Technology, 2015, 52, 3549-60.	2.8	14
99	Evaluation of the anti-diarrheal activity of the hydromethanolic root extract of <i>Rhus tripartita</i> (Ucria) (Anacardiaceae). Biomedicine and Pharmacotherapy, 2016, 83, 827-834.	5.6	14
100	An ecological approach to discover new bioactive extracts and products: the case of extremophile plants. Journal of Pharmacy and Pharmacology, 2017, 69, 1041-1055.	2.4	14
101	Phenolic profile and effect of growing area on <i>Pistacia lentiscus</i> seed oil. Food Chemistry, 2018, 257, 206-210.	8.2	14
102	Essential-Oil-Loaded Nanoemulsion Lipidic-Phase Optimization and Modeling by Response Surface Methodology (RSM): Enhancement of Their Antimicrobial Potential and Bioavailability in Nanoscale Food Delivery System. Foods, 2021, 10, 3149.	4.3	14
103	Plant Growth Modulates Metabolites and Biological Activities in <i>Retama raetam</i> (Forssk.) Webb. Molecules, 2018, 23, 2177.	3.8	13
104	Peppermint and Myrtle nanoemulsions: Formulation, stability, and antimicrobial activity. LWT - Food Science and Technology, 2021, 152, 112377.	5.2	13
105	Pretreatment and enzymatic saccharification of new phytoresource for bioethanol production from halophyte species. Renewable Energy, 2014, 63, 544-549.	8.9	11
106	A new flavonol glycoside from the medicinal halophyte <i>Suaeda fruticosa</i> . Natural Product Research, 2014, 28, 960-966.	1.8	11
107	Evaluation of antioxidant activities of the edible and medicinal <i>Acacia albida</i> organs related to phenolic compounds. Natural Product Research, 2015, 29, 452-454.	1.8	11
108	Assessment of Antioxidant Activity and Neuroprotective Capacity on PC12 Cell Line of <i>Frankenia thymifolia</i> and Related Phenolic LC-MS/MS Identification. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-8.	1.2	11



#	ARTICLE	IF	CITATIONS
109	Antiproliferative and Antibacterial Activities of <i>Cirsium scabrum</i> from Tunisia. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-9.	1.2	11
110	Biocontrol activity of effusol from the extremophile plant, <i>Juncus maritimus</i> , against the wheat pathogen <i>Zymoseptoria tritici</i> . Environmental Science and Pollution Research, 2018, 25, 29775-29783.	5.3	11
111	Biochemical characterization and antioxidant activity of grape ( <i>Vitis vinifera</i> L.) seed oils from nine Tunisian varieties. Journal of Food Biochemistry, 2018, 42, e12595.	2.9	11
112	Variability of phenolic composition and biological activities of two Tunisian halophyte species from contrasted regions. Acta Physiologiae Plantarum, 2013, 35, 749-761.	2.1	10
113	Phenolic content, antioxidant and anti-inflammatory activities of Tunisian <i>Diplotaxis simplex</i> (Brassicaceae). Natural Product Research, 2015, 29, 1189-1191.	1.8	10
114	New Sulphated Flavonoids from <i>Tamarix africana</i> and Biological Activities of Its Polar Extract. Planta Medica, 2016, 82, 1374-1380.	1.3	10
115	<i>Aeluropus litoralis</i> maintains adequate gas exchange, pigment composition and phenolic contents under combined effects of salinity and phosphorus deficiency. Australian Journal of Botany, 2017, 65, 453.	0.6	10
116	Antioxidant, antiproliferative and anti-inflammatory effects of <i>Glaucium flavum</i> fractions enriched in phenolic compounds. Medicinal Chemistry Research, 2019, 28, 1995-2001.	2.4	9
117	Antimicrobial, antioxidant and antileishmanial activities of <i>Ziziphus lotus</i> leaves. Archives of Microbiology, 2022, 204, 119.	2.2	9
118	Hepatoprotective activity of <i>Rhus oxyacantha</i> root cortex extract against DDT-induced liver injury in rats. Biomedicine and Pharmacotherapy, 2017, 90, 203-215.	5.6	8
119	Recovery of Phenolic Compounds and Carbohydrates from Hydro-ethanolic Extract of <i>Zizyphus lotus</i> Fruit using Ultrafiltration Process. International Journal of Food Engineering, 2017, 13, .	1.5	8
120	Phenolic constituents and antioxidant activity of <i>Euphorbia retusa</i> Forssk. Natural Product Research, 2020, 34, 3545-3547.	1.8	8
121	Insights on the Adaptation of <i>Foeniculum vulgare</i> Mill to Iron Deficiency. Applied Sciences (Switzerland), 2021, 11, 7072.	2.5	8
122	The Halophytic Genus <i>Zygophyllum</i> and <i>Nitraria</i> from North Africa: A Phytochemical and Pharmacological Overview. Medicinal and Aromatic Plants of the World, 2017, , 345-356.	0.2	7
123	Comparison of Phytochemical Composition and Biological Activities of <i>Rubus ulmifolius</i> Extracts Originating from Four Regions of Tunisia. Chemistry and Biodiversity, 2017, 14, e1600168.	2.1	7
124	Phenolic accumulation and related antioxidant capacity in stems and roots of the Tunisian extremophile <i>Sulla carnosa</i> as influenced by potassium application under salinity stress. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	7
125	Phenolic content and antioxidant activity in two contrasting <i>Medicago ciliaris</i> lines cultivated under salt stress. Biologia (Poland), 2011, 66, 813-820.	1.5	6
126	GC-El-MS identification data of neutral sugars of polysaccharides extracted from <i>Zizyphus lotus</i> fruit. Data in Brief, 2018, 18, 680-683.	1.0	6



#	ARTICLE	IF	CITATIONS
127	Antioxidant and hepatoprotective effects of <i>Asparagus albus</i> leaves in carbon tetrachloride-induced liver injury rats. <i>Journal of Food Biochemistry</i> , 2018, 42, e12433.	2.9	6
128	Differential Responses of <i>Cakile maritima</i> at Two Development Stages to Salinity: Changes on Phenolic Metabolites and Related Enzymes and Antioxidant Activity. , 2018, 08, .		6
129	Simultaneous optimization of ultrasound-assisted extraction of flavonoid compounds and antiradical activity from <i>Artemisia herba-Alba</i> using response surface methodology. <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 943-953.	1.9	6
130	Ultrasonication of Polysaccharides from Tunisian <i>Zizyphus lotus</i> Fruit: Emulsifying Capacities, Rheological Properties and Antioxidant activities. <i>Chemistry Africa</i> , 2020, 3, 667-678.	2.4	6
131	Variability of antioxidant and biological activities of <i>Rhus tripartitum</i> related to phenolic compounds. <i>EXCLI Journal</i> , 2017, 16, 439-447.	0.7	6
132	Gastroprotective Effect of Microencapsulated <i>Myrtus communis</i> Essential Oil against Ethanol/HCl-Induced Acute Gastric Lesions. <i>Molecules</i> , 2022, 27, 1566.	3.8	6
133	Does <i>Curcuma longa</i> root powder have an effect against CCl <sub>4</sub> -induced hepatotoxicity in rats: a protective and curative approach. <i>Food Science and Biotechnology</i> , 2019, 28, 181-189.	2.6	5
134	Phenolic Composition, Antioxidant, and Antibacterial Activities of <i>Artemisia Judaica</i> Subsp. <i>Sahariensis</i> . <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2019, 25, 347-362.	1.1	5
135	<i>In vivo</i> gastroprotective effect and biological potentialities of six Tunisian medicinal plants using multivariate data treatment. <i>Plant Biosystems</i> , 2022, 156, 152-163.	1.6	5
136	Leafy Stems of <i>Phagnalon saxatile</i> subsp. <i>saxatile</i> from Algeria as a Source of Chlorogenic Acids and Flavonoids with Antioxidant Activity: Characterization and Quantification Using UPLC-DAD-ESI-MSn. <i>Metabolites</i> , 2021, 11, 280.	2.9	5
137	Salinity and phosphorus availability differentially affect plant growth, leaf morphology, water relations, solutes accumulation and antioxidant capacity in <i>Aeluropus litoralis</i> . <i>Plant Biosystems</i> , 2021, 155, 935-943.	1.6	4
138	Electrochemically generated base-promoted synthesis and biological activities of 2,4-disubstituted carbonotrithioates. <i>Journal of Sulfur Chemistry</i> , 2015, 36, 308-316.	2.0	3
139	Bio-Guided Fractionation of <i>Retama raetam</i> (Forssk.) Webb & Berthel Polar Extracts. <i>Molecules</i> , 2021, 26, 5800.	3.8	3
140	Evaluation of in vitro biological activities: antioxidant; anti-inflammatory; anti-cholinesterase; anti-xanthine oxidase, anti-superoxide dismutase, anti- $\alpha$ -glucosidase and cytotoxic of 19 bioflavonoids. <i>Cellular and Molecular Biology</i> , 2020, 66, 9-19.	0.9	3
141	Halophytes.tn: an innovative database for Tunisian halophyte plant identification, distribution and characterization. <i>Database: the Journal of Biological Databases and Curation</i> , 2022, 2022, .	3.0	3
142	Phytochemistry and Antioxidant Activities of <i>Rhus tripartitum</i> (Ucria) Grande Leaf and Fruit Phenolics, Essential Oils, and Fatty Acids. <i>Natural Product Communications</i> , 2022, 17, 1934578X2210891.	0.5	3
143	Chemical Composition, Antibacterial and Antifungal Activities of Four Essential Oils Collected in the North-East of Tunisia. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2022, 25, 338-355.	1.9	3
144	Phenolic compounds and biological activities of different organs from aerial part of <i>Nitraria retusa</i> (Forssk.) Asch.: effects of solvents. <i>International Journal of Food Properties</i> , 2022, 25, 1524-1538.	3.0	3

#	ARTICLE	IF	CITATIONS
145	Changeability in <i>Retama raetam</i> essential oils chemical composition, antioxidant and antimicrobial properties as affected by the physiological stage. <i>Plant Biosystems</i> , 2018, 152, 1248-1255.	1.6	2
146	Encapsulation of Natural Bioactive Compounds: Nanoemulsion Formulation to Enhance Essential Oils Activities. , 0, , .		2
147	Milk preservation: Enhancing the anti- <i>Staphylococcus aureus</i> potency using essential oils specific mixture. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 376-385.	3.2	2
148	Antimicrobial Capacities of the Medicinal Halophyte Plants. <i>Sustainable Development and Biodiversity</i> , 2018, , 271-288.	1.7	1
149	Does <i>Lycium europaeum</i> leaf have antihyperglycemic, antihyperlipidemic and antioxidant effects. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 55, .	1.2	1