Othmane Merah

List of Publications by Year
in descending order

90 papers	3,271 citations	159358 30 h-index	161609 54 g-index
91 all docs	91 docs citations	91 times ranked	3708 citing authors

#	Article	IF	Citations
1	Introducing â€˜Anthropocene Scienceâ€™: A New International Journal for Addressing Human Impact on the Resilience of Planet Earth. Anthropocene Science, 2022, 1, 1-4.	1.6	3
2	Aqueous Integrated Process for the Recovery of Oil Bodies or Fatty Acid Emulsions from Sunflower Seeds. Biomolecules, 2022, 12, 149.	1.8	6
3	Managing agroecosystems for food and nutrition security. Current Research in Environmental Sustainability, 2022, 4, 100127.	1.7	6
4	Effects of Rice Husk Biochar Coated Urea and Anaerobically Digested Rice Straw Compost on the Soil Fertility, and Cyclic Effect of Phosphorus. Plants, 2022, 11, 75.	1.6	14
5	Nutritional Composition and Antioxidant Activity of Selected Underutilized Fruits Grown in Sri Lanka. Agronomy, 2022, 12, 1073.	1.3	5
6	Seaweeds as a Source of Functional Proteins. Phycology, 2022, 2, 216-243.	1.7	32
7	Applications of Starch Biopolymers for a Sustainable Modern Agriculture. Sustainability, 2022, 14, 6085.	1.6	32
8	Essential Oil of Citrus aurantium L. Leaves: Composition, Antioxidant Activity, Elastase and Collagenase Inhibition. Agronomy, 2022, 12, 1466.	1.3	18
9	Apiaceae Family as a Valuable Source of Biocidal Components and their Potential Uses in Agriculture. Horticulturae, 2022, 8, 614.	1.2	12
10	Single Cell Protein Production Using Different Fruit Waste: A Review. Separations, 2022, 9, 178.	1.1	32
11	Aqueous Extract of Algerian Nettle (Urtica dioÃ¯ca L.) as Possible Alternative Pathway to Control Some Plant Diseases. Iranian Journal of Science and Technology, Transaction A: Science, 2021, 45, 463-468.	0.7	3
12	Low-Density Insulation Blocks and Hardboards from Amaranth (Amaranthus cruentus) Stems, a New Perspective for Building Applications. Coatings, 2021, 11, 349.	1.2	4
13	Effects of Genotype and Climatic Conditions on the Oil Content and Its Fatty Acids Composition of Carthamus tinctorius L. Seeds. Agronomy, 2021, 11, 2048.	1.3	17
14	Apiaceae as an Important Source of Antioxidants and Their Applications. Cosmetics, 2021, 8, 111.	1.5	35
15	In Vitro and In Vivo Antifungal Activities of Nine Commercial Essential Oils against Brown Rot in Apples. Horticulturae, 2021, 7, 545.	1.2	15
16	Biochemical Composition of Cumin Seeds, and Biorefining Study. Biomolecules, 2020, 10, 1054.	1.8	47
17	Genetic Variation in Damaged Populations of Pistacia atlantica Desf.. Plants, 2020, 9, 1541.	1.6	10
18	Potency of Combining Eucalyptus camaldulensis subsp. camaldulensis with Low-Dose Cisplatin in A549 Human Lung Adenocarcinomas and MCF-7 Breast Adenocarcinoma. Medicines (Basel, Switzerland), 2020, 7, 40.	0.7	4

#	Article	IF	Citations
19	Pomegranate Juice Extract Decreases Cisplatin Toxicity on Peripheral Blood Mononuclear Cells. Medicines (Basel, Switzerland), 2020, 7, 66.	0.7	7
20	Nutritional Content and Antioxidant Capacity of the Seed and the Epicarp in Different Ecotypes of Pistacia atlantica Desf. Subsp. atlantica. Plants, 2020, 9, 1065.	1.6	7
21	Psophocarpus tetragonolobus: An Underused Species with Multiple Potential Uses. Plants, 2020, 9, 1730.	1.6	11
22	Fatty acid composition and oil content during coriander fruit development. Food Chemistry, 2020, 326, 127034.	4.2	17
23	Phytochemical Profile, Antioxidant and Antitumor Activities of Green Grape Juice. Processes, 2020, 8, 507.	1.3	12
24	Effect of phenological stages on essential oil composition of Cytisus triflorus Lâ€™Her. Journal of King Saud University - Science, 2020, 32, 2383-2387.	1.6	10
25	Innovative Insulating Materials from Coriander (Coriandrum sativum L.) Straw for Building Applications. Journal of Agricultural Studies, 2020, 8, 1.	0.2	1
26	VOC and carbonyl compound emissions of a fiberboard resulting from a coriander biorefinery: comparison with two commercial wood-based building materials. Environmental Science and Pollution Research, 2020, 27, 16121-16133.	2.7	24
27	Contribution of Current Photosynthesis and Reserves Remobilization in Grain Filling and Its Composition of Durum Wheat Under Different Water Regimes. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2020, 68, 937-945.	0.2	2
28	Control of Post-harvest Citrus Green Mold using Ulva lactuca Extracts as a Source of Active Substances. International Journal of Bio-resource and Stress Management, 2020, 11, 287-296.	0.1	7
29	Pistacia Atlantica Desf., a Source of Healthy Vegetable Oil. Applied Sciences (Switzerland), 2019, 9, 2552.	1.3	31
30	Effect of Sowing Dates on Fatty Acids and Phytosterols Patterns of Carthamus tinctorius L.. Applied Sciences (Switzerland), 2019, 9, 2839.	1.3	26
31	Phenol Content and Antioxidant and Antiaging Activity of Safflower Seed Oil (Carthamus Tinctorius) Tj ETQq1 1 0.784314 rgBT /Over	1.5	39
32	Tetraploid Wheats: Valuable Source of Phytosterols and Phytostanols. Agronomy, 2019, 9, 201.	1.3	8
33	Effect of Salinity and Water Stress on the Essential Oil Components of Rosemary (Rosmarinus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	44
34	Accumulation during fruit development of components of interest in seed of Chia (<i>Salvia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 T 50.	0.6	6
35	STUDY OF SEED DORMANCY ORIGINS IN THREE ATLAS PISTACHIO ECOTYPES (PISTACIA ATLANTICA DESF.). Applied Ecology and Environmental Research, 2019, 17, .	0.2	6
36	The potency of lemon (CitrusÂlimon L.) essential oil to control some fungal diseases of grapevine wood. Comptes Rendus - Biologies, 2018, 341, 97-101.	0.1	39

#	Article	IF	Citations
37	Fennel oil and by-products seed characterization and their potential applications. Industrial Crops and Products, 2018, 111, 92-98.	2.5	61
38	Effect of Vermicompost Tea on Faba Bean Growth and Yield. Compost Science and Utilization, 2018, 26, 279-285.	1.2	17
39	Evaluation of Nutritional and Technological Attributes of Whole Wheat Based Bread Fortified with Chia Flour. Foods, 2018, 7, 135.	1.9	30
40	Characterization of volatile organic compound emissions from self-bonded boards resulting from a coriander biorefinery. Industrial Crops and Products, 2018, 122, 57-65.	2.5	15
41	Performance, durability and recycling of thermoplastic biocomposites reinforced with coriander straw. Composites Part A: Applied Science and Manufacturing, 2018, 113, 254-263.	3.8	26
42	Protein Bread Fortification with Cumin and Caraway Seeds and By-Product Flour. Foods, 2018, 7, 28.	1.9	30
43	Participation of Green Organs to Grain Filling in Triticum turgidum var durum Grown under Mediterranean Conditions. International Journal of Molecular Sciences, 2018, 19, 56.	1.8	17
44	Chemical composition and biological activity of Foeniculum vulgare oilseed. Inform, 2018, 29, 27-29.	0.1	2
45	Optimization of thermopressing conditions for the production of binderless boards from a coriander twinâ€screw extrusion cake. Journal of Applied Polymer Science, 2017, 134, .	1.3	16
46	The Apiaceae: Ethnomedicinal family as source for industrial uses. Industrial Crops and Products, 2017, 109, 661-671.	2.5	116
47	Antioxidant and Antimicrobial Activities of the Essential Oil of Achillea millefolium L. Grown in France. Medicines (Basel, Switzerland), 2017, 4, 30.	0.7	32
48	Impact of Thermomechanical Fiber Pre-Treatment Using Twin-Screw Extrusion on the Production and Properties of Renewable Binderless Coriander Fiberboards. International Journal of Molecular Sciences, 2017, 18, 1539.	1.8	23
49	Evaluating morphological variability of Artemisia herba-alba Asso from western Algeria. Journal of Fundamental and Applied Sciences, 2017, 9, 509.	0.2	3
50	Effect of Addition of Fennel (Foeniculum vulgare L.) on the Quality of Protein Bread. Proceedings of the Latvian Academy of Sciences, 2017, 71, 509-514.	0.0	8
51	Characterization of French Coriander Oil as Source of Petroselinic Acid. Molecules, 2016, 21, 1202.	1.7	40
52	Fatty acid and phytosterol accumulation during seed development in three oilseed species. International Journal of Food Science and Technology, 2016, 51, 1820-1826.	1.3	22
53	Effects of technical management on the fatty-acid composition of high-oleic and high-linoleic sunflower cultivars. OCL - Oilseeds and Fats, Crops and Lipids, 2016, 23, D502.	0.6	8
54	New Renewable and Biodegradable Fiberboards from a Coriander Press Cake. Journal of Renewable Materials, 2016, 4, 225-238.	1.1	17

#	Article	IF	Citations
55	Toxicity Evaluation of Dittrichia Viscosa L's Aqueous Extracts in Combination with Bio-Adjuvant Silene Fuscata on Chaitophorus Leucomelas Koch. (Hom., Aphididae) and on Biocenotic Resumption of Functional Groups = Ø³Ù‚Ø¯ÙŠØ± Ø³Ù…ÙŠØ© Ø§Ù„Ù…Ø³ØªØ®Ù„Øµ Ø§Ù„Ù…Ø§Ø¦Ù„ Ù„ Erchfildia Viscosa Ø¨Ø§Ù„Ù®Ù„	0.1	3
56	Genetic Variability in Glucosinolates in Seed ofBrassica juncea: Interest in Mustard Condiment. Journal of Chemistry, 2015, 2015, 1-6.	0.9	18
57	Chemical Composition of the Essential Oil ofSatureja myrtifolia(Boiss. & Hohen.) from Lebanon. Journal of Essential Oil-bearing Plants: JEOP, 2015, 18, 248-254.	0.7	7
58	Oil and fatty acid accumulation during coriander (Coriandrum sativum L.) fruit ripening under organic cultivation. Crop Journal, 2015, 3, 366-369.	2.3	29
59	Extraction of Coriander Oil Using Twinâ€Screw Extrusion: Feasibility Study and Potential Press Cake Applications. JAOCS, Journal of the American Oil Chemists' Society, 2015, 92, 1219-1233.	0.8	31
60	Contribution of Different Organs to Grain Filling in Durum Wheat under Mediterranean Conditions I. Contribution of Postâ€Anthesis Photosynthesis and Remobilization. Journal of Agronomy and Crop Science, 2015, 201, 344-352.	1.7	33
61	Occurrence of Botryosphaeriaceae species associated with grapevine dieback in Algeria. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2014, 38, 865-876.	0.8	15
62	Morphology, composition, production, processing and applications of Chlorella vulgaris: A review. Renewable and Sustainable Energy Reviews, 2014, 35, 265-278.	8.2	669
63	Aqueous extraction of proteins from microalgae: Effect of different cell disruption methods. Algal Research, 2014, 3, 61-65.	2.4	256
64	Effect of Salt Stress on Î±-amylase Activity, Sugars Mobilization and Osmotic Potential of Phaseolus vulgaris L. Seeds Var. â€˜Cocoroseâ€™ and â€˜Djadidaâ€™ During Germination. Journal of Biological Sciences, 2014, 14, 370-375.	0.1	17
65	Essential oil composition ofMyrrhis odorata(L.) Scop. leaves grown in Lithuania and France. Journal of Essential Oil Research, 2013, 25, 44-48.	1.3	10
66	Is crop breeding the first step to fill the yield gap?. SÃ©cheresse, 2013, 24, 254-260.	0.1	2
67	Genetic analysis of phytosterol content in sunflower seeds. Theoretical and Applied Genetics, 2012, 125, 1589-1601.	1.8	45
68	Sterol concentration and distribution in sunflower seeds (Helianthus annuus L.) during seed development. Food Chemistry, 2010, 119, 1451-1456.	4.2	36
69	Sterol content in sunflower seeds (Helianthus annuus L.) as affected by genotypes and environmental conditions. Food Chemistry, 2010, 121, 990-995.	4.2	49
70	Seasonal Dimorphism of the Desert Locust in Agricultural Areas in the Sahara. African Entomology, 2010, 18, 313-321.	0.6	1
71	Effects of genotype and sowing date on phytostanolâ€“phytosterol content and agronomic traits in wheat under organic agriculture. Food Chemistry, 2009, 117, 219-225.	4.2	36
72	Effect of drought on leaf gas exchange, carbon isotope discrimination, transpiration efficiency and productivity in field grown durum wheat genotypes. Plant Science, 2006, 170, 867-872.	1.7	143

#	Article	IF	Citations
73	Impact of water deficit intensity on durum wheat seminal roots. Comptes Rendus - Biologies, 2005, 328, 918-927.	0.1	17
74	Genetic analysis of agronomic and quality traits in mustard (Brassica juncea). Theoretical and Applied Genetics, 2004, 109, 792-799.	1.8	49
75	Early water-deficit effects on seminal roots morphology in barley. Comptes Rendus - Biologies, 2004, 327, 389-398.	0.1	13
76	QTLs for grain carbon isotope discrimination in field-grown barley. Theoretical and Applied Genetics, 2002, 106, 118-126.	1.8	122
77	Association between Yield and Carbon Isotope Discrimination Value in Different Organs of Durum Wheat Under Drought. Journal of Agronomy and Crop Science, 2002, 188, 426-434.	1.7	34
78	Relationships between carbon isotope discrimination, dry matter production, and harvest index in durum wheat. Journal of Plant Physiology, 2001, 158, 723-729.	1.6	37
79	Productivity and carbon isotope discrimination in durum wheat organs under a Mediterranean climate. Comptes Rendus De L'AcadÃ©mie Des Sciences SÃ©rie 3, Sciences De La Vie, 2001, 324, 51-57.	0.8	24
80	Carbon isotope discrimination and mineral composition of three organs in durum wheat genotypes grown under Mediterranean conditions. Comptes Rendus De L'AcadÃ©mie Des Sciences SÃ©rie 3, Sciences De La Vie, 2001, 324, 355-363.	0.8	13
81	Stability of Carbon Isotope Discrimination and Grain Yield in Durum Wheat. Crop Science, 2001, 41, 677-681.	0.8	58
82	Potential importance of water status traits for durum wheat improvement under Mediterranean conditions. Journal of Agricultural Science, 2001, 137, 139-145.	0.6	75
83	QTLs for agronomic traits from a Mediterranean barley progeny grown in several environments. Theoretical and Applied Genetics, 2001, 103, 774-787.	1.8	109
84	Ash content might predict carbon isotope discrimination and grain yield in durum wheat. New Phytologist, 2001, 149, 275-282.	3.5	43
85	Carbon Isotope Discrimination and Grain Yield Variations among Tetraploid Wheat Species Cultivated under Contrasting Precipitation Regimes. Journal of Agronomy and Crop Science, 2001, 186, 129-134.	1.7	15
86	Carbon Isotope Discrimination and Productivity in Field-Grown Barley Genotypes. Journal of Agronomy and Crop Science, 2001, 187, 33-39.	1.7	27
87	Relationships between flag leaf carbon isotope discrimination and several morpho-physiological traits in durum wheat genotypes under Mediterranean conditions. Environmental and Experimental Botany, 2001, 45, 63-71.	2.0	41
88	Carbon isotope discrimination, leaf characteristics and grain yield of interspecific wheat lines and their durum parents under Mediterranean conditions. Cereal Research Communications, 2001, 29, 143-149.	0.8	6
89	Effect of Glaucousness on Carbon Isotope Discrimination and Grain Yield in Durum Wheat. Journal of Agronomy and Crop Science, 2000, 185, 259-265.	1.7	34
90	Grain yield, carbon isotope discrimination, mineral and silicon content in durum wheat under different precipitation regimes. Physiologia Plantarum, 1999, 107, 387-394.	2.6	76