

CITATION REPORT

List of articles citing

Effect of arbuscular mycorrhizal fungi (AMF) and water stress on growth, phenolic compounds, glandular hairs, and yield of essential oil in basil (*Ocimum gratissimum* L)

DOI: 10.1186/s40538-015-0035-3

Chemical and Biological Technologies in Agriculture, 2015, 2, .

Source: <https://exaly.com/paper-pdf/62244198/citation-report.pdf>

Version: 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
64	The molecular characteristics of compost affect plant growth, arbuscular mycorrhizal fungi, and soil microbial community composition. <i>Biology and Fertility of Soils</i> , 2016 , 52, 15-29	6.1	64
63	Insight into the mechanisms of enhanced production of valuable terpenoids by arbuscular mycorrhiza. <i>Phytochemistry Reviews</i> , 2017 , 16, 677-692	7.7	29
62	Potential Role of Beneficial Soil Microorganisms in Plant Tolerance to Abiotic Stress Factors. 2017 , 191-207		6
61	Arbuscular Mycorrhizal Symbiosis and Its Role in Plant Nutrition in Sustainable Agriculture. 2017 , 129-164		11
60	Effect of arbuscular mycorrhizal fungi and water stress on ultrastructural change of glandular hairs and essential oil compositions in <i>Ocimum gratissimum</i> . <i>Chemical and Biological Technologies in Agriculture</i> , 2017 , 4,	4.4	11
59	Arbuscular Mycorrhizal Fungi and Plant Stress Tolerance. <i>Microorganisms for Sustainability</i> , 2018 , 81-103	1.1	8
58	Arbuscular mycorrhizal fungi inoculation enhances drought stress tolerance of plants. <i>Groundwater for Sustainable Development</i> , 2018 , 7, 490-494	6	44
57	Improvement of plant performance under water deficit with the employment of biological and chemical priming agents. <i>Journal of Agricultural Science</i> , 2018 , 156, 680-688	1	30
56	Proline Accumulation Influenced by Osmotic Stress in Arbuscular Mycorrhizal Symbiotic Plants. <i>Frontiers in Microbiology</i> , 2018 , 9, 2525	5.7	68
55	Effect of different water application rates and nitrogen fertilisation on growth and essential oil of clove basil (<i>Ocimum gratissimum</i> L.). <i>Industrial Crops and Products</i> , 2018 , 125, 186-197	5.9	14
54	Plant defence allocation patterns following an increasing water level gradient in a freshwater wetland. <i>Ecological Indicators</i> , 2019 , 107, 105542	5.8	8
53	Arbuscular mycorrhizal fungi improve the growth and phosphorus uptake of mung bean plants fertilized with composted rock phosphate fed dung in alkaline soil environment. <i>Journal of Plant Nutrition</i> , 2019 , 42, 1760-1769	2.3	17
52	Contributions of indigenous arbuscular mycorrhizal fungi to growth of retama monosperma and acacia gummifera under water stress (case study: essaouira sand dunes forest). <i>Journal of Sustainable Forestry</i> , 2019 , 38, 686-696	1.2	3
51	Mycorrhizal Fungi: Biodiversity, Ecological Significance, and Industrial Applications. <i>Fungal Biology</i> , 2019 , 181-199	2.3	9
50	Promoting water deficit tolerance and anthocyanin fortification in pigmented rice cultivar (L. subsp.) using arbuscular mycorrhizal fungi inoculation. <i>Physiology and Molecular Biology of Plants</i> , 2019 , 25, 821-835	2.8	7
49	How do AMF-inoculation and supplemental irrigation affect the productivity of rainfed yellow sweet clover in agrisilviculture systems?. <i>Archives of Agronomy and Soil Science</i> , 2019 , 65, 2043-2058	2	3
48	Improved Drought Tolerance by AMF Inoculation in Maize () Involves Physiological and Biochemical Implications. <i>Plants</i> , 2019 , 8,	4.5	79

47	A bibliometric analysis of the essential oil-bearing plants exposed to the water stress: How long way we have come and how much further?. <i>Scientia Horticulturae</i> , 2019 , 246, 418-436	4.1	26
46	Salinity stress and PGPR effects on essential oil changes in <i>Rosmarinus officinalis</i> L.. <i>Agriculture and Food Security</i> , 2019 , 8,	3.1	12
45	Arbuscular mycorrhizae alleviate mild to moderate water stress and improve essential oil yield in thyme. <i>Rhizosphere</i> , 2019 , 9, 93-96	3.5	1
44	Mycorrhizas enhance drought tolerance of trifoliate orange by enhancing activities and gene expression of antioxidant enzymes. <i>Scientia Horticulturae</i> , 2020 , 262, 108745	4.1	30
43	Physiological Responses of Basil (L.) Cultivars to Inoculation under Low Phosphorus Availability. <i>Plants</i> , 2019 , 9,	4.5	0
42	Arbuscular mycorrhizal fungi and organic manure enhance growth and accumulation of citral, total phenols, and flavonoids in <i>Melissa officinalis</i> L. <i>Industrial Crops and Products</i> , 2020 , 158, 112981	5.9	14
41	Defense Enzymes in Mycorrhizal Tomato Plants Exposed to Combined Drought and Heat Stresses. <i>Agronomy</i> , 2020 , 10, 1657	3.6	3
40	Photosynthetic Traits and Nitrogen Uptake in Crops: Which Is the Role of Arbuscular Mycorrhizal Fungi?. <i>Plants</i> , 2020 , 9,	4.5	9
39	Growth, Physiological and Biochemical Traits of Sage under the Exogenous Stimulating and Stress Factors. <i>Russian Journal of Plant Physiology</i> , 2020 , 67, 933-944	1.6	2
38	Arbuscular mycorrhiza augments essential oil composition and antioxidant properties of <i>Ocimum tenuiflorum</i> L. A popular green tea additive. <i>Industrial Crops and Products</i> , 2020 , 153, 112418	5.9	8
37	AMF inoculation and phosphorus supplementation alleviates drought induced growth and photosynthetic decline in <i>Nicotiana tabacum</i> by up-regulating antioxidant metabolism and osmolyte accumulation. <i>Environmental and Experimental Botany</i> , 2020 , 176, 104088	5.9	34
36	Composition variation of the essential oil from <i>Ocimum basilicum</i> L. cv. Genovese Gigante in response to <i>Glomus intraradices</i> and mild water stress at different stages of growth. <i>Biochemical Systematics and Ecology</i> , 2020 , 90, 104021	1.4	12
35	Yield, Essential Oil and Quality Performances of , and as Affected by Arbuscular Mycorrhizal Fungi under Organic Management. <i>Plants</i> , 2020 , 9,	4.5	20
34	Regulation of antioxidant enzymes and osmo-protectant molecules by salt and drought responsive genes in <i>Bambusa balcooa</i> . <i>Journal of Plant Research</i> , 2021 , 134, 165-175	2.6	2
33	Arbuscular Mycorrhizas and Phosphorus Fertilizer Affect Photosynthetic Capacity and Antioxidant Enzyme Activity in Peppermint Under Different Water Conditions. <i>Acta Agrobotanica</i> , 2021 , 73,	2.4	0
32	Arbuscular mycorrhizal fungi improve growth, essential oil, secondary metabolism, and yield of tobacco (<i>Nicotiana tabacum</i> L.) under drought stress conditions. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 45276-45295	5.1	12
31	Humic substances from green compost increase bioactivity and antibacterial properties of essential oils in Basil leaves. <i>Chemical and Biological Technologies in Agriculture</i> , 2021 , 8,	4.4	8
30	An Endophytic Fungi-Based Biostimulant Modulates Volatile and Non-Volatile Secondary Metabolites and Yield of Greenhouse Basil (L.) through Variable Mechanisms Dependent on Salinity Stress Level. <i>Pathogens</i> , 2021 , 10,	4.5	7

29	Microbial Biostimulants as Response to Modern Agriculture Needs: Composition, Role and Application of These Innovative Products. <i>Plants</i> , 2021 , 10,	4.5	14
28	Co-inoculation of Arbuscular Mycorrhizal Fungi and the Plant Growth-Promoting Rhizobacteria Improve Growth and Photosynthesis in Tobacco Under Drought Stress by Up-Regulating Antioxidant and Mineral Nutrition Metabolism. <i>Microbial Ecology</i> , 2021 , 1	4.4	3
27	From Fighting Critters to Saving Lives: Polyphenols in Plant Defense and Human Health. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
26	Soil amendments for sustainable agriculture: Microbial organic fertilizers. <i>Soil Use and Management</i> ,	3.1	3
25	Drought Stress. 2019 , 81-97		3
24	Arbuscular Mycorrhizal Fungi: Green Approach/Technology for Sustainable Agriculture and Environment. 2017 , 355-386		6
23	Arbuscular Mycorrhizal Fungi Increase the Phenolic Compounds Concentration in the Bark of the Stem of in Field Conditions. <i>Open Microbiology Journal</i> , 2017 , 11, 283-291	0.8	26
22	Mycorrhiza and Stress Tolerance of Vegetables: A Review. <i>Acta Horticulturae Et Regioteecturae</i> , 2018 , 21, 30-35	0.5	5
21	Essential Oil and Glandular Hairs: Diversity and Roles.		6
20	The Role of Plant-Associated Bacteria, Fungi, and Viruses in Drought Stress Mitigation. <i>Frontiers in Microbiology</i> , 2021 , 12, 743512	5.7	8
19	Phosphorus and Biofertilizer Application Effects on Growth Parameters, Yield and Chemical Constituents of Broccoli. <i>Agronomy</i> , 2021 , 11, 2210	3.6	1
18	Mycorrhizal impact on <i>Ocimum basilicum</i> grown under drought stress. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2021 , 10,	2.2	3
17	AMF and PGPR enhance yield and secondary metabolite profile of basil (<i>Ocimum basilicum</i> L.). <i>Industrial Crops and Products</i> , 2022 , 176, 114327	5.9	4
16	Benefits of plant growth-promoting symbiotic microbes in climate change era. 2022 , 85-113		0
15	Arbuscular mycorrhizal fungi increase crop yields by improving biomass under rainfed condition: a meta-analysis.. <i>PeerJ</i> , 2022 , 10, e12861	3.1	3
14	Root Reinforcement Improved Performance, Productivity, and Grain Bioactive Quality of Field-Droughted Quinoa (<i>)</i> .. <i>Frontiers in Plant Science</i> , 2022 , 13, 860484	6.2	2
13	Antimicrobial Potential of Essential Oils from Aromatic Plant <i>Ocimum</i> sp.; A Comparative Biochemical Profiling and In-Silico Analysis. <i>Agronomy</i> , 2022 , 12, 627	3.6	3
12	Effect of Arbuscular Mycorrhizal Fungi Isolated From Rock Phosphate Mine and Agricultural Soil on the Improvement of Wheat Plant Growth. <i>Frontiers in Microbiology</i> , 2022 , 13,	5.7	0

11	Co-Application of TiO ₂ Nanoparticles and Arbuscular Mycorrhizal Fungi Improves Essential Oil Quantity and Quality of Sage (<i>Salvia officinalis</i> L.) in Drought Stress Conditions. <i>Plants</i> , 2022 , 11, 1659	4.5	2
10	The Critical Role of Arbuscular Mycorrhizal Fungi to Improve Drought Tolerance and Nitrogen Use Efficiency in Crops. <i>Frontiers in Plant Science</i> , 13,	6.2	3
9	Significance of Arbuscular Mycorrhizal Fungi in Mitigating Abiotic Environmental Stress in Medicinal and Aromatic Plants: A Review. 2022 , 11, 2591		2
8	Deciphering molecular mechanisms regarding enhanced drought tolerance in plants by arbuscular mycorrhizal fungi. 2023 , 308, 111591		0
7	Mycorrhizal Colonization Modulates the Essential Oil Profile and Enzymatic and Non-Enzymatic Antioxidants to Mitigate the Adverse Effects of Water Deficit in <i>Salvia</i> subg. <i>Perovskia</i> . 2022 , 11, 1757		0
6	Host- and virus-induced gene silencing of HOG1-MAPK cascade genes in <i>Rhizophagus irregularis</i> inhibit arbuscule development and reduce resistance of plants to drought stress.		1
5	Some physio-biochemical traits of sunflower (Helianthus annuus L.) as affected by arbuscular mycorrhizal fungi inoculation under different irrigation treatments. 2023 , 18,		0
4	Insights on the Impact of Arbuscular Mycorrhizal Symbiosis on <i>Eucalyptus grandis</i> Tolerance to Drought Stress. 2023 , 11,		0
3	Arbuscular mycorrhizal fungi induced different proline accumulations in two sorghum accessions in a response to drought stress. 2022 , 68, 127-142		0
2	Exogenous γ -Aminobutyric Acid (BABA) Improves the Growth, Essential Oil Content, and Composition of Grapefruit Mint (<i>Mentha suaveolens</i> [piperita]) under Water Deficit Stress Conditions. 2023 , 9, 354		0
1	An assessment of the physicochemical characteristics and essential oil composition of <i>Mentha longifolia</i> (L.) Huds. exposed to different salt stress conditions. 14,		0