



Hamed Aalipour

Assistant Professor

College: Agriculture

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	On Contract	Full Time	

Papers in Journals

1. Roghayeh Hossein Hashemi , Ali Nikbakht , Hamed Aalipour, Synergistic effects of oxygen nanobubble, nano-silicon and seaweed extract on promoting quality and postharvest performance of two cut rose flowers, *Scientia Horticulturae*, Vol. 338, pp. 1-11, September 2024.
2. Masoumeh Ghasemi, Banafshe Khalili, Morteza Zahedi and Hamed Aalipour, Cultivar-Dependent Responsiveness to Mycorrhizal Inoculation in Sesame and Ranking Symbionts for Drought Mitigation, *Rhizosphere*, 2026.
3. Fatemeh Asadi, N. Etemadi, Rahim Amirikhah, Hamed Aalipour, Exogenous ascorbic acid enhances drought tolerance in *Hypericum perforatum* L. by modulating antioxidant defense and osmotic adjustment, *Scientific Reports*, 2026.
4. Hamed Aalipour , Ali Nikbakht , Mohammad R. Sabzalian, Essential oil composition and total phenolic content in *Cupressus arizonica* G. in response to microbial inoculation under water stress conditions, *Scientific Reports*, 2023.
5. Hamed Aalipour , Ali Nikbakht , Jahangir Khajehali , Mohammad Taghizadeh, The beneficial role of arbuscular mycorrhizal fungi on population rates of aboveground herbivory: *Zyginella pulchra* (Hemiptera, Cicadellidae) in plane trees, *Journal of Forest Science*, 2023.
6. Hamed Aalipour , Ali Nikbakht , Nematollah Etemadi , Joanne E. MacDonald, Co-inoculation of Arizona cypress with mycorrhizae and rhizobacteria affects biomass, nutrient status, water-use efficiency, and glomalin-related soil protein concentration, *Urban Forestry & Urban Greening*, 2021.
7. Hamed Aalipour , Ali Nikbakht , Nematollah Etemadi, Physiological response of Arizona cypress to Cd-contaminated soil inoculated with arbuscular mycorrhizal fungi and plant growth promoting rhizobacteria, *Rhizosphere*, 2021.
8. Hamed Aalipour , Ali Nikbakht , Masoumeh Ghasemi , Rasekh Amiri, Morpho-physiological and biochemical responses of two turfgrass species to arbuscular mycorrhizal fungi and humic acid under water stress condition, *Journal of Soil Science and Plant Nutrition*, 2020.
9. Biochemical response and interactions between arbuscular mycorrhizal fungi and plant growth promoting rhizobacteria during establishment and stimulating growth of Arizona cypress (*Cupressus*

arizonica G.) under drought stress, *Scientia Horticulturae*, 2020.

10. Zohre Gholamian Jazi , Nematollah Etemadi , Hamed Aalipour, The Physiological Responses of Four Turfgrass Species to Drought Stress, *Advance in Horticultural Science*, 2019.

11. Hamed Aalipour , Ali Nikbakht , Nematollah Etemadi, Co-inoculation of Arizona cypress with arbuscular mycorrhiza fungi and *Pseudomonas fluorescens* under fuel pollution, *Mycorrhiza*, 2019.

12. Hamed Aalipour , Ali Nikbakht , Nematollah Etemadi, Relationship between chlorosis, photosynthesis and the nutrient content of plane trees (*Platanus orientalis* L.) in the presence of manure, chemical fertiliser and arbuscular mycorrhizal fungi, *Advance in Horticultural Science*, 2018.

13. Ali Nikbakht, Nasim Aghamohammadi, Hamed Aalipour, Ghasem Akhbarfar, Ricardo Fernández , & Escobar, An Integrated Approach Employing Endotherapy Accompanied with Fertilization and Soil Mulching Recovered Plane Trees from Early Leaf Chlorosis in the Urban Landscape, *Journal of Soil Science and Plant Nutrition*, 16 January 2025.

14. Ali Nikbakht et al., Silicon and Seaweed Extract Injection into Olive Tree (*Olea europaea* L.) Trunks Results in the Tree's Drought Stress Resistance, *Communications in Soil Science and Plant Analysis*, Vol. 55, pp. 2339–2353, 03.06.2024.