

Name: Mohsen Zare**Formerly:** Mohsen Zarebanadkouki**Zare, Mohsen** ✓

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Subject Categories BETA

Agriculture; Plant Sciences; Environmental Sciences & Ecology; Water Resou

Other Identifiers ⓘ

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Profile summary

70 Total documents
 69 Web of Science Core Collection publications
 0 Preprint
 31 Verified peer reviews
 0 Verified editor records

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29

H-Index

69

Publications in
Web of Science

2,098

Sum of Times Cited

1,241

Citing Articles



Working Experience

Assistant Professor (Sep 2022- present)

Professorship of Soil Biophysics and Environmental System, Technical University Munich, Germany

Akademischer Rat (Jun 2017 to July 2022)

Chair of Soil Physics, University of Bayreuth, Germany

Postdoc (Jun 2013 to May 2017)

Div. of Soil Hydrology, University of Gottingen, Germany

Guest researcher (Dec 2009 to May 2011)

Dep. of Soil Physics, UFZ, Halle, Germany



Education

Ph.D. in Soil Physics (May 2010 to May 2013)

Div. of Soil Hydrology, University of Gottingen, Germany. **Thesis:** "Quantitative imaging of water flow in soil and roots using neutron radiography and deuterated water." Supervisor Prof. Andrea Carminati.

M.Sc. in Soil Physics (Sep 2006 to Sep 2009)

Dep. of Soil Science, Isfahan University of Technology, Iran. **Thesis:** "Effect of temporal variability of soil hydraulic properties on water and solute transport modeling." Supervisor Prof. Dr. Majid Afyuni.

Bachelor's degree in Soil Science (Sep 2002 to Sep 2006)

Dep. of Soil Science, Vali-e- Asr University, Iran.



Publication

Publons: <http://www.webofscience.com/wos/author/record/L-8854-2015>

Co-convenor of an oral session

Session on "Soil-Plant Interactions" in the European Geosciences Union (EGU 2018 - 2023)



Skills

Professional experiences with Advanced numerical methods, Image processing, X-ray and neutron radiography reconstruction (self-developing algorithms)

Professional experiences with GIS software, programming with Python, programming with R, programming with Matlab, Programming with C++, Hydrus, RSWM