

CURRICULUM VITAE (CV)



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Educational Degrees and Courses



B.Sc.

Graduated in Agricultural Extension and Education, Shiraz University.



M.Sc.

Graduated in Agricultural Extension and Education, University of Tehran (Title of Thesis: *Measuring Agricultural Extension Productivity on Wheat Package Project in Fars Province*).



First Ph.D.

Graduated in Agricultural Extension and Education, Islamic Azad University, Science and Research Branch of Tehran (Title of Dissertation: *Designing Structural Equation Model for Productivity Measurement of Apiculture Extension in Caspian Zone*).



Second Ph.D.

Graduated in Agricultural Extension, Shiraz University (Title of Dissertation: *Water Conflict: A Human Ecological Analysis in Downstream Zone of Doroodzan Dam*).



Study Leave

Acceptance for spending 6 months as study leave, at Free University of Berlin (Freie Universität Berlin), under supervision Professor Behrooz Abdolvand and Professor Lutz Mez, Germany and study on Water Conflicts and Environmental Sociology, during March 2012 till September 2012.

Personal Characteristics

First Name:	Masoud
Last Name:	Bijani
Father Name:	Hossein
Birthday:	Thursday, 31 th March 1977
Place of Birth:	Boroujerd, Iran
Marital Status:	Married
Children:	One child
Language:	Persian, English

Executive Activities

Member of Young Researchers Club of Islamic Azad University.

Member of Council of Agricultural Extension and Education of Iran.

Member of Scientific Council of Agricultural Extension and Education Department at University of Tehran.

Member of Scientific Council of Agricultural Extension and Education Department at Shiraz University.

Contribution in Agricultural Education Congress of Iran in executive affairs (2010).

Director of Research affairs in Islamic Azad University, Boroujerd Branch from 2002 to 2004.

Head of Department of Agricultural Extension and Education in Agricultural and Natural Resources Ramin University, Ahwaz from 2005 to 2007.

Faculty Member of Islamic Azad University, Boroujerd Branch (2001 to 2005) and Agricultural Extension and Education in Agricultural and Natural Resources Ramin University, Ahwaz (2005 to 2007).

I had a scholarship from Tarbiat Modares University (T.M.U.), Tehran (2008).

Teaching Applied Statistics and SPSS for PhD students at Freie Universität Berlin (2012).

Faculty Member of Tarbiat Modares University (T.M.U.) from 2013 up to now.

Director of Portal Committee at College of Agriculture, Tarbiat Modares University from 2013 up to now.

Vice-chancellor of secretariat for the meeting of heads of colleges of agriculture and natural resources and national network of agricultural and natural resources research and technology from 2014 up to now.

Contribution in Conference of nuclear technology in scientific and economic development of agriculture and natural resources areas in executive affairs (2015).

Member of “College of Agriculture Strategic Committee, Tarbiat Modares University” from July 2015 up to now.

Member of “College of Agriculture Research Council, Tarbiat Modares University” from March 2017 up to March 2019.

Member of “Water Council of Tarbiat Modares University” from November 2017 up to 2019.
Head of Library, College of Agriculture, Tarbiat Modares University from January 2020 up to May 2022.

Board member of Iranian Agricultural Extension and Education Association from August 2022 up to now.

Member of Scientific and Technical Committee of Agricultural Extension and Education from June 2023 up to now.

Board member of Groundwater Specialized Group of Iranian water resources association (IR-WRA) from July 2023 up to now

Board member of Specialized Working Group on Agricultural Economics and Extension (Ministry of Science, Research and Technology) from April 2026 up to now

The Area of Interests

- Agricultural Extension and Education
- Information and Communication Technology
- Agricultural Extension Productivity
- Social Studies in Agriculture
- Social Studies in Natural Resources and Environment
- Rural Development
- Rural Sociology
- Water Conflicts and Water Management
- Research Methodology (Qualitative and Quantitative Research Methods) in Social Studies
- Educational Psychology
- Statistical Methods in Social Sciences (Especially with SPSS Software)
- Extension Teaching Methods
- E-Learning and Blended Learning in Agriculture

Honors

- First Grade student in B.Sc. in Agricultural Extension and Education (Shiraz University)
- First Grade student in M.Sc. in Agricultural Extension and Education (University of Tehran)
- First Grade in first Ph.D. in Agricultural Extension and Education (Islamic Azad University, Science and Research Branch of Tehran)

- Second Grade in second Ph.D. in Agricultural Extension (Shiraz University,)
- Professional in Microsoft Word and Microsoft Power Point software
- Professional in SPSS software and analyzing methods of humanities and social sciences
- Higher status as the best researcher in Islamic Azad University, Boroujerd Branch, 2006 and 2011.

Journals' Editorial Board Member

Journal of the Geographical Studies of Mountainous Areas (2020 up to now)



Technology Development Management (2023 up to now)



Frontiers in Water - Guest Editor (2022-2023)



Journal of Agricultural Marketing and Commercialization (AMC) (2023 up to now)

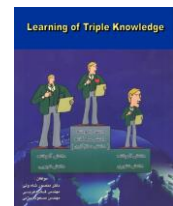


Iranian Agricultural Extension and Education Journal (2024 up to now)

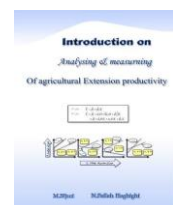


Books

Shahvali, M., Arabi, G. and **Bijani, M.** (2004). *Learning of Triple Knowledge (Theoretical: Knowledge for Knowing, Experimental: Knowledge for Doing and Compatibility: Knowledge for Being)*. Nossoh press. 158 pages.



Bijani, M., and Fallah Haghghi, N. (2006). *Introduction on Analyzing and Measuring of Agricultural Extension Productivity*. Ebtokare Danesh press. 136 pages.



Nambisan, S. (2018). *Embracing Entrepreneurship Across Disciplines: Ideas and Insights from Engineering, Science, Medicine and Arts*. Translated by: Fallah Haghighi, N. and **Bijani, M.** Iranian Research Organization for Science and Technology (IROST) press. 220 pages.



Muijs, D. (2021). *Doing Quantitative Research in Education with SPSS*. Translated by: Nooripoor, M., Sharifi, Z., and **Bijani, M.** Yasouj University press. 364 pages.



Bijani, M., Alikhani, Mehdi and Chizari, M. (2025). *Professional Competence*. Jihad University Publications. 120 pages.

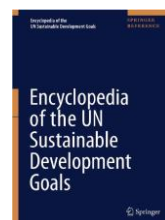


Bijani, M., and Valizadeh, N. (2025). *Water Governance in Agriculture: A Human Ecological Analysis*. Yasouj University press. 287 pages.

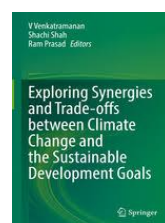


Chapter in Book

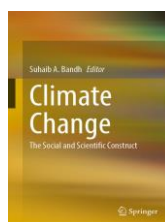
Valizadeh N., and **Bijani M.** (2019). Agricultural Research: Applications and Future Orientations. In: Leal Filho W., Azul A., Brandli L., Özuyar P., Wall T. (eds) Zero Hunger. *Encyclopedia of the UN Sustainable Development Goals*. Springer, Cham. pp: 1-8. DOI: 10.1007/978-3-319-69626-3_5-1



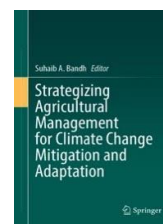
Karimi, V., Valizadeh N., Karami, S., and **Bijani M.** (2021). Climate Change and Adaptation: Recommendations for Agricultural Sector. In: Venkatramanan V., Shah S., Prasad R. (eds). *Exploring Synergies and Trade-offs between Climate Change and the Sustainable Development Goals*. Springer, Singapore. DOI: 10.1007/978-981-15-7301-9_5



Karimi, V., Valizadeh N., Rahmani, S., **Bijani M.**, and Karimi, M. (2021). Beyond Climate Change: Impacts, Adaptation Strategies, and Influencing Factors. In: S. A. Bandh (ed.). *Climate change-The Social and Scientific Construct*. Springer Nature Switzerland AG 2022. DOI: 10.1007/978-3-030-86290-9_4



Karimi, V., **Bijani M.**, Hallaj, Z., Valizadeh N., Fallah Haghighi, N., and Karimi, M. (2023). Chapter 7: Adaptation and Maladaptation to Climate Change: Farmers' Perceptions. In: *Bandh, S.A. (eds) Strategizing Agricultural Management for Climate Change Mitigation and Adaptation*. Springer, India, Cham. ISBN: 978-3-031-32788-9. DOI: 10.1007/978-3-031-32789-6_7



ISI Articles

- Noorollah-noorivandi A., Ajili, A. Chizari, M. and **Bijani, M.** (2009). The Socio-economic Characteristics of Farmers Regarding Adoption of Sustainable Soil Management. *Journal of Human Ecology*. 27 (3): 201-205. DOI: 10.1080/09709274.2009.11906211
- Moradi, H., **Bijani, M.**, Shabanali Fami, H., Fallah Haghighi, N., Tamadon, A. R. and Moradi, A. R. (2011). Analysis of Effective Components on Professional Development of Agricultural Extension Agents in Kermanshah Province in Iran. *International Journal of Food, Agriculture & Environment-JFAE*. 3 & 4 (9): 803-810.
- Bijani, M.**, and Hayati, D. (2011). Water Conflict in Agricultural System in Iran: A Human Ecological Analysis. *Journal of Ecology and Environmental Sciences*: 2 (2): 27-41. DOI: 10.9735/0976-9900.2.2.27-40
- Shiri, Sh., **Bijani, M.**, Chaharsoughi Amin, H., Noori, H. and Soleymanifard, A. (2011). Effectiveness Evaluation of the Axial Plan of Wheat from Expert Supervisors' View in Ilam Province. *World Applied Sciences Journal*. 14 (11): 1724-1729.
- Bijani, M.**, and Hayati, D. (2015). Farmers' Perceptions toward Agricultural Water Conflict: The Case of Doroodzan Dam Irrigation Network, Iran. *Journal of Agricultural Science and Technology (JAST)*. 17 (3): 561-575.
- Bijani, M.**, Ghazani, E., Valizadeh, N., and Fallah Haghighi, N. (2017). Pro-environmental Analysis of Farmers' Concerns and Behaviors towards Soil Conservation in Central District of Sari County, Iran. *International Soil and Water Conservation Research*. 5 (1): 43-49. DOI: 10.1016/j.iswcr.2017.03.001
- Abbasian, A. R., Chizari, M., and **Bijani, M.** (2017). Farmers' Views on the Factors Inhibiting the Implementation of Soil Conservation Practices (The Case of Koohdasht Township, Iran). *Journal of Agricultural Science and Technology (JAST)*. 19 (4): 797-807.

- Majidi, F., **Bijani, M.**, and Abbasi, E. (2017). Pathology of Scientific Articles Publishing in the Field of Agriculture as Perceived by Faculty Members and Ph.D. Students (The Case of Colleges of Agriculture at Public Universities, Iran). *Journal of Agricultural Science and Technology (JAST)*. 19 (7, Supplementary Issue): 1469-1484.
- Fallah Haghghi, N., Hajihoseini, H., Ramezanpour Nargesi, G., and **Bijani, M.** (2018). Gap Analysis of Current and Desired States of Entrepreneurship Development Components in the Field of ICTs in Iran. *Technology in Society*. 54 (2018): 101-110. DOI: 10.1016/j.techsoc.2018.03.003
- Ebrahimi Sarcheshmeh, E., **Bijani, M.**, and Sadighi, H. (2018). Adoption Behavior towards the Use of Nuclear Technology in Agriculture: A Causal Analysis. *Technology in Society*. 54 (2018): 175-182. DOI: 10.1016/j.techsoc.2018.08.001
- Salehi, S., Chizari, M., Sadighi, H., and Bijani, M. (2017). Assessment of Agricultural Groundwater Users in Iran: A Cultural Environmental Bias. *Hydrogeology Journal*. 26 (1): 285-295. DOI: 10.1007/s10040-017-1634-9
- Raeisi, A.A., **Bijani, M.**, and Chizari, M. (2018). The Mediating Role of Environmental Emotions in Transition from Knowledge to Sustainable Behavior toward Exploit Groundwater Resources in Iran's Agriculture. *International Soil and Water Conservation Research*. 6 (2): 143-152. DOI: 10.1016/j.iswcr.2018.01.002
- Sabzali Parikhani, R., Sadighi, H., and **Bijani, M.** (2018). Ecological Consequences of Nanotechnology in Agriculture: Researchers' Perspective. *Journal of Agricultural Science and Technology (JAST)*. 20 (2): 205-219.
- Valizadeh, N., **Bijani, M.**, and Abbasi, E. (2018). Farmers' Active Participation in Water Conservation: Insights from a Survey among Farmers in Southern Regions of West Azerbaijan Province, Iran. *Journal of Agricultural Science and Technology (JAST)*. 20 (5): 895-910.
- Mohammadi-Mehr, S., **Bijani, M.**, and Abbasi, E. (2018). Factors Affecting the Aesthetic Behavior of Villagers towards the Natural Environment: The Case of Kermanshah Province, Iran. *Journal of Agricultural Science and Technology (JAST)*. 20 (7, Supplementary Issue): 1353-1367.
- Valizadeh, N., **Bijani, M.**, Hayati, D., and Fallah Haghghi, N. (2019). Social-Cognitive Conceptualization of Iranian Farmers' Water Conservation Behavior. *Hydrogeology Journal*. 27 (4): 1131–1142. DOI: 10.1007/s10040-018-01915-8

- Bijani, M.**, Ghazani, E., Valizadeh, N., and Fallah Haghghi, N. (2019). Predicting and Understanding of Farmers' Soil Conservation Behavior in Mazandaran Province, Iran. *Journal of Agricultural Science and Technology (JAST)*. 21 (7, Supplementary Issue): 1705-1719.
- Ghadermazi, H., Ahmadi Dehrashid, A., and **Bijani, M.** (2020). The Advantages and Limitations of Agricultural Land Consolidation (The Case of Villages of Dehgolan Suburb, Iran). *Journal of Agricultural Science and Technology (JAST)*. 22 (2): 317-332.
- Shojaei-Miandoragh, M., **Bijani, M.**, and Abbasi, E. (2020). Farmers' Resilience Behavior in the Face of Water Scarcity in the Eastern Part of Lake Urmia, Iran: An Environmental Psychological Analysis. *Water and Environment Journal*. 34 (4): 611-622. DOI: 10.1111/wej.12489
- Sadeghi, A., **Bijani, M.**, and Farhadian, H. (2020). The Mediating Role of Farmers' Time Perspective in Water Resources Exploitation Behaviour in the Eastern Area of Lake Urmia, Iran: An Environmental-Psychological Analysis. *Water and Environment Journal*. 34 (Supplement S1): 106-120. DOI: 10.1111/wej.12510
- Veisi, K., **Bijani, M.**, and Abbasi, E. (2020). A Human Ecological Analysis of Water Conflict in Rural Areas: Evidence from Iran. *Global Ecology and Conservation*. 23 (September 2020). e01050. DOI: 10.1016/j.gecco.2020.e01050
- Neisi, M., **Bijani, M.**, Abbasi, E., Mahmoudi, H., and Azadi, H. (2020). Analyzing farmers' drought risk management behavior: Evidence from Iran. *Journal of Hydrology*. 1590 (November 2020): 125243. DOI: 10.1016/j.jhydrol.2020.125243
- Valizadeh, N., **Bijani, M.**, Karimi, H., Naeimi, A., Hayati, D., and Azadi, H. (2020). The effects of farmers' place attachment and identity on water conservation moral norms and intention. *Water Research*. 185 (October 2020): 116131. DOI: 10.1016/j.watres.2020.116131
- Bijani, M.**, Hayati, D., Azadi, H., Tanaskovik, V., and Witlox, F. (2020). Causes and Consequences of the Conflict among Agricultural Water Beneficiaries in Iran. *Sustainability*. 12 (16): 6630. DOI: 10.3390/su12166630
- Rahimi, M. K. Abbasi, E., **Bijani, M.**, Tahmasbi, G. H., and Azimi Dezfouli, A. (2020). Sustainability Criteria of Apicultural Industry: Evidence from Iran. *Ecosystem Health and Sustainability*. (6) 1: 1818630. DOI: 10.1080/20964129.2020.1818630

- Alikhani Dadoukolaei, M., Chizari, M., **Bijani, M.**, and Abbasi, E. (2021). Agricultural Teachers' Professional Competencies for Working with Students with Special Needs in Iran. *Journal of Agricultural Science and Technology (JAST)*. 23 (1): 1-15.
- Shariatzadeh, M., **Bijani, M.**, Abbasi, E., and Morid, S. (2021). An adaptation capacity model in the face of climate change: A qualitative content analysis. *Journal of Arid Environments*. 185 (February 2021), 104326. DOI: 10.1016/j.jaridenv.2020.104326
- Valizadeh, N., **Bijani, M.**, and Abbasi, E. (2021). Farmers' participatory-based water conservation behaviors: Evidence from Iran. *Environment, Development and Sustainability*. 23 (3), 4412-4432. DOI: 10.1007/s10668-020-00781-3
- Fallah Haghighi, N., Mirtorabi, M. S., **Bijani, M.**, and Valizadeh, N. (2021). Appropriate strategies to establish knowledge-based companies: Evidence from Iran. *International Journal of Finance and Economics*. 26 (4): 6375-6389. DOI: 10.1002/IJFE.2124
- Hallaj, Z., Sadighi, H., Farhadian, F., and **Bijani, M.** (2021). Human ecological analysis of farmers' pro-environmental behaviour in the face of drought: Application of norm activation theory. *Water and Environment Journal*. 35 (4): 1337-1347. DOI: 10.1111/WEJ.12733
- Valizadeh, N., Esfandiyari Bayat, S., **Bijani, M.**, Hayati, D., Viira, A. H., Tanaskovik. V. Kurban, A., and Azadi, H. (2021). Understanding Farmers' Intention towards the Management and Conservation of Wetlands. *Land*. 10 (8): 860. DOI: 10.3390/land10080860
- Valizadeh, N., Haji, L., **Bijani, M.**, Fallah Haghighi, N., Fatemi, M., Viira. A. H., Parra-Acosta, Y. K., Kurban, A., and Azadi, H. (2021). Development of a Scale to Remove Farmers' Sustainability Barriers to Meteorological Information in Iran. *Sustainability*. 13(22), 12617. DOI: 10.3390/su132212617
- Khezri, S., Ahmadi Dehrashid, A., **Bijani, M.**, Valizadeh, N., Nasrollahizadeh, B., Izadi, F., Ahmadi Dehrashid, H., Azadi, H., and Scheffran, J. (2021). Resilience of human settlements against landslide risk: The case of Kurdistan Province, Iran. *Land Degradation & Development*. 32 (18). 5360-5377. DOI: 10.1002/ldr.4114
- Hallaj, Z., **Bijani, M.**, Abbasi, E., Valizadeh., N., and Mohammadi, M. (2022). Tourism Development During the Pandemic of Coronavirus (COVID-19): Evidence from Iran. *Frontiers in Public Health*. 10 (March 2022), 881381. DOI: 10.3389/fpubh.2022.881381
- Shariatzadeh, M., and Bijani, M. (2022). Towards farmers' adaptation to climate change: The effect of time perspective. *Journal of Cleaner Production*. 348 (May 2022), 131284. DOI: 10.1016/j.jclepro.2022.131284

- Valizadeh, N., Karimi, V., Fooladi Heleileh, B., Hayati, D., and **Bijani, M.** (2021). Formulating of small-scale farmers' perception towards climate change in arid areas: Facilitating social interventions for agricultural sustainability. *Water and Environment Journal*. 36 (2): 199-213. DOI: 10.1111/wej.12741
- Valizadeh, N., Sadeghi Shahrnoy, K., **Bijani, M.**, Hayati, D., Hallaj, Z., and Azadi, H. (2022). Toward Conserving wetlands: Application of social identity model of collective action. *Land Degradation & Development*. 33(18): 3703-3717. DOI: 10.1002/LDR.4417
- Bijani, M.**, Hayati, D., Fallah Haghighi, N., and Valizadeh, N. (2022). Application of POET model to investigate agricultural water conflict in Iran. *Frontiers in Water*. 4 (989542): 1-19. DOI: 10.3389/frwa.2022.989542
- Bijani, M.**, Mohammadi-Mehr, S., and Shiri, N. (2022). Towards rural women's pro-environmental behaviors: Application of protection motivation theory. *Global Ecology and Conservation*. 39 (November 2020). e02303. DOI: 10.1016/j.gecco.2022.e02303
- Valizadeh, N. Bagheri Gavkosh, M., **Bijani, M.**, and Hayati, D. (2022). Application of social identity models of collective action to facilitate participation in groundwater aquifer storage and recovery management. *Frontiers in Psychology*. 13 (996877): 1-13. DOI: 10.3389/fpsyg.2022.996877
- Bazrafkan, K., Valizadeh, N., Khannejad, S., Kianmehr, N., **Bijani, M.**, and Hayati, D. (2022). What drives farmers to use conservation agriculture? Application of mediated protection motivation theory. *Frontiers in Psychology*. 13(991323): 1-14. DOI: 10.3389/fpsyg.2022.991323
- Faghani, A., Valizadeh, N., **Bijani, M.**, and Fallah Haghighi, N. (2023). Towards Participation in Pro-environmental Activities: Application of Dual pathway Model of Collective Action. *Journal of Agricultural Science and Technology (JAST)*. 25 (3): 565-579.
- Salehi, S., and **Bijani, M.** (2023). Towards agricultural groundwater sustainability behaviour: Effects of place attachment. *Water and Environment Journal*. 37 (2): 256–265. DOI: 10.1111/wej.12833
- Hafezi, F., **Bijani, M.**, Gholamrezai, S., Savari, M., and Panzer-Krause, S. (2023). Towards sustainable community-based ecotourism: A qualitative content analysis. *Science of the Total Environment*. 891 (September 2023): 164411. DOI: 10.1016/j.scitotenv.2023.164411
- Tohidimoghadam, A., PourSaeed, A.R., **Bijani, M.**, and Eshraghi Samani, R. (2023). Towards farmers' livelihood resilience to climate change in Iran: A systematic review.

- Environmental and Sustainability Indicators*. 19 (September 2023): 100266. DOI: 10.1016/j.indic.2023.100266
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- Jalili Bak, G., **Bijani, M.**, Gholamrezai, S., and Momvandy, A. (2023). Analyzing rural people's resilience in the face of floodwater: Evidence from Iran. *Natural Hazards*. 118 (2): 1595-1618. DOI: 10.1007/s11069-023-06041-7
- Valizadeh, N., **Bijani, M.**, Fallah Haghighi, N., Hayati, D., Bazrafkan, K., and Azadi, H. (2023). Conceptualization of Farmers' Water Conservation Intention and Behavior through the Lens of Economic Man Worldview: Application of Structural Equation Modeling. *Water*. 15 (18): 3199. DOI: 10.3390/w15183199
- Sheikhi, I., Choobchian, S., and **Bijani, M.** (2023). Towards the organic agriculture development: A strategic analysis in Northern Iran. *Organic Agriculture*. 13 (4): 531-546. DOI: 10.1007/s13165-023-00445-2
- Faghani, A., **Bijani, M.**, and Valizadeh, N. (2024). What makes students of green universities act green: Application of protection motivation theory. *International Journal of Sustainability in Higher Education*. 25 (4): 838-864. DOI: 10.1108/IJSHE-01-2023-0023
- Mohammadi, M., **Bijani, M.**, Naeimi, A., Valizadeh, N., and Setti, A. (2024). Extracting indicators of connectedness to nature to improve water conservation behavior in agriculture. *Environmental and Sustainability Indicators*. 22 (June 2024): 100338. DOI: 10.1016/j.indic.2024.100338
- Ansari, M. H., **Bijani, M.**, Abbasi, E., and Goli, I. (2024). Determinants of local community participation in forest fire management in the Northern Iran. *International Journal of Disaster Risk Reduction*. 107(1, June 2024): 104478. DOI: 10.1016/j.ijdr.2024.104478
- Jomegi, M., Niknami, M., Saboori, M.S. and **Bijani, M.** (2024). Challenges of implementing a climate-smart agriculture-based curriculum in agricultural vocational schools: Evidence from Iran. *Frontiers in Sustainable Food Systems*. 8: 1399663. DOI: 10.3389/fsufs.2024.1399663
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- Maleki, S., Naeimi, A., **Bijani, M.**, and Salahi Moghadam, N. (2025). Comparing predictive power of planned behavior and social cognition theories on students' pro-environmental behaviors: The case of University of Zanjan, Iran. *Journal of Cleaner Production*. 486 (January 2024): 144386. DOI: 10.1016/j.jclepro.2024.144386
- Shariatzadeh, M., Bijani, M., and Bahadori, F. (2025). Sustainable development of Iran's medicinal plant exports to the global value chain: A strategic analysis. *Frontiers in Sustainable Food Systems*. 9:1500168. DOI: 10.3389/fsufs.2025.1500168
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