

Curriculum Vitae



First Name: **Parvin**
Family Name: **Salehi Shanjani**
Nationality: **Iranian**
Date of Birth: **27/4/1968**
Place of Birth: **Tehran**
Gender: **Female**
Language: **Persian, English**
Field of study: **Molecular Biology & Plant Physiology**
Employer: **Member of scientific board**
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Education:

1988-1992 B. Sc. in Plant Science, Faculty of science, University of Tabriz
1994-1997 M.Sc. in Plant physiology, Faculty of science, University of Tehran
1997-2002 Ph.D. in Biology, Faculty of science, Teacher Training University of Tehran

Study stays of abroad and outside university:

2001 5-month at Phytology Department, Technical University, Zvolen, Slovakia
2001 1-month at Forest Genetic Institute, Vienna, Austria
2001 1-month at Plant Genetic Institute, Firenze, Italy
2004 7-month at Plant Genetic Institute, Firenze, Italy
2004 1-month at Trees and Timber Institute, Firenze, Italy

Fellowship:

Winner of IPGRI Vavilov and Franckle Fellowship 2003, Analysis of genetic diversity and gene flow of beech populations as the basis for development of silvicultural and gene conservation strategy in Iran

Projects:

1. Cultivation and evaluation of *Cicer*, *Coronilla*, *Vicia*, *Lathyrus* and *Trifolium* accessions in Natural Resources Gene Bank of Iran, for final identification (from 2017 until 2021, as project responsible).
2. Cultivation and evaluation of *Ferula* accessions in Natural Resources Gene Bank of Iran, for final identification (from 2015 until 2019, as project responsible).
3. Cultivation and evaluation of *Lalemantia* accessions in Natural Resources Gene Bank of Iran, for final identification (from 2015 until 2019, as co-supervisor).
4. Determination of practical seed descriptors of different genuses for Natural Resources Gene Bank of Iran (from 2017 until 2019, as mega-project responsible).
5. Determination of practical seed descriptors of *Thymus* and *Mentha* for Natural Resources Gene Bank of Iran (from 2017 until 2019, as project responsible).
6. Genetic diversity and differentiation of infected and uninfected populations of *Buxus hyrcana* Pojark by blight fungus (from 2015 until 2019, as project responsible).
7. Evaluation, identification and propagation of yarrow (*Achillea spp.*) seeds in natural resources gene bank of Iran (from 2010 until 2015, as mega-project responsible).
8. Genetic diversity of *Achillea spp.* using protein and enzyme markers (from 2010 until 2014, as project responsible)
9. Genetic diversity of *Anthemis spp.* using protein and enzyme markers (from 2010 until 2014, as project responsible)
10. Evaluation of morphological, seedling maintenance and establishment of *Buxus hyrcana* in Hyrcanian forests (from 2015 until 2018, as project co-worker).
11. Collection and preservation of *Buxus hyrcana* seeds for development of endangered forest gene bank (from 2015 until 2018, as project co-worker).
12. Investigation of Resistance of *Buxus hyrcana* Pojark Accessions Against Blight Fungus (from 2015 until 2018, as co-worker).
13. Genetic diversity of *Dactylis glomerata*, *Medicago sativa*, *Agropyron cristatum* and *Agropyron desertorum* populations using total proteins (from 2008 until 2011, as project responsible)
14. Analysis of genetic diversity and gene flow of beech populations as the basis for development of silvicultural and gene conservation strategy in Iran (IPGRI Vavilov and Franckle Fellowship 2003)

15. Role of genetic characteristics in mode of branching (from 2003 until 2007, as project responsible).
16. Genetic diversity of Oriental beech (*Fagus orientalis* Lipsky) and its relations with some of physiology, biochemistry and morphology characteristics in Iran (from 2000 until 2004, as project responsible).
17. Tissue culture and environmental effects on metabolism of secondary products (essential oils), peroxidases and polyphenoloxidases in *Juniperus* spp. in Iran (from 1994 until 1996, as project responsible).
18. National research project of restoration juniper forests in Iran (from 1993 until 2000, as co-worker).
19. National research project on ecophysiological and biochemical causes of weakness of saksaul plantations (*Haloxylon* spp.) in Iran (from 1993 until 2000, as co-worker).
20. Evaluation of morphological, seedling maintenance and establishment of *Buxus hyrcana* in Hyrcanian forests (from 2015 until 2018, as project co-worker).
21. Collection and preservation of *Buxus hyrcana* seeds for development of endanger forest gene bank (from 2015 until 2018, as project co-worker).
22. Investigation of Resistance of *Buxus hyrcana* Pojark Accesstions Against Blight Fungus (from 2015 until 20188, as co-worker).

Books

1. Genetic diversity of *Fagus orientalis* lipsky in iran I. LAmbart Academic Publication, Germany.
2. Genetic diversity of *Fagus orientalis* lipsky in iran II. LAmbart Academic Publication, Germany.

Student supervision

1. Miss Parisa Salehi, 2009-2010, Genetic diversity of *Medicago sativa* population using total proteins (Ms student)
2. Miss Laleh Kohi, 2009-2010, Genetic diversity of *Medicago sativa* population using total proteins (Ms student).
3. Miss Mahnaz Gharehchae, 2009-2010, Genetic diversity of *Onabrichis sativa* population using total proteins (Ms student).
4. Mr. Morad Cheshme Noor, 2009-2010, Genetic variation of *Elymus hispidus* varieties using total proteins and its relationships with morphologic characteristics (Ms student).
5. Mr. Khodabakhsh Jangali, 2009-2010, Genetic variability in two species of *Bromus* (*B. tomentellus* , *B. persicus* and *B. inermis*) based on morphological and total protein (Ms student).

6. Miss Razieh Karami, 2010-2011, Genetic differentiation of *Achillea tenuifolium* & *A. vermicularis* using protein and enzyme markers (Ms student).
7. Miss Bent Hoda Nazari, 2010-2011, Genetic differentiation of *Achillea biebersteinii* & *A. filipendula* using protein and enzymes markers (Ms student).
8. Miss Fateme Noori, 2011-2012, Inter-specific diversity of *Anthemis tinctoria*, *A. haussknechtii* boiss., *A. altissima*, *Tripleurospermum sevamense*, *Matricaria recutita* using Protein and Enzyme Markers. (Ms student).
9. Miss Fateme Nadiri, 2011-2012, Genetic differentiation of *Achillea millefolium* , *Achillea nobilis* & *Achillea biebersteinii* using protein and enzyme markers (Ms student).
10. Miss Razieh Jahanbaz, 2011-2012, Genetic diversity of *Agropyron cristatum* and *A. pectiniforme* population using total proteins and morphology (Ms student).
11. Mr. Mashalah Moradi, 2011-2012, Morphological and Biochemical Evaluation of *Achillea wilhelmsii*, *A. pachycephala*, *A. vermicularis* in drought stress (Ms student).
12. Mr. Mohamadreza Mohamad Pour, 2011-2012, Morphological and Biochemical Evaluation of *Achillea tenifolia*, *A. biebersteinii*, *A. filipendula* in drought stress (Ms student).
13. Miss Fateme Zekri, 2011-2012, Inter- and Intra-specific diversity of *Anthemis haussknechtii* and *A. nobilis* using cytological studies and Protein and Enzyme Markers (Ms student).
14. Miss Mahshid Tarighi, 2011-2012, Intra-specific diversity of some *Anthemis. altissima* *A. coelopoda*, *A. colutea* , *A. porsica* , *A. tinctorum* , *A. arvensis* by using protein and enzyme markers (Ms student).
15. Mr. Hosein Emami, 2011-2012, Inter- and Intra-specific diversity of some *Anthemis tinctoria* & *Matricaria* spp. Populations by using cytogenetic studies (Ms student).
16. Miss Roya Hossein Zadeh, 2011-2012, Genetic diversity of *Secale montanum* populations using total proteins and morphology (Ms student).
17. Miss Elnaz Alimardan, 2011-2012, Evaluation of yield and morphological traits in different populations of *Achillea nobilis*, *A. millefolium*, *A. biebersteinii* (Ms student).
18. Miss Gilda Rabiee, 2012-2013, Morphological and Biochemical Evaluation of *Anthemis altissima*, *A. pseudocotula*, *A. haussknechtii* in drought stress (Ms student).
19. Mr. Javad Baba-Haji, 2011-2012, Evaluation of yield and morphological traits in populations of *Achillea nobilis*, *A. millefolium*, *A. biebersteinii*. in different irrigating regimes (Ms student).
20. Mr. Mohamad Rasouli, 2011-2012, Study of genetic diversity in *onobrychis sativa* using morphology, total proteins and molecular markers (RAPD) (PhD student)

21. Miss Sahar Abdi, 2013-2014, Genetic diversity of *Agropyron elangatum* population using total proteins and morphology (Ms student).
22. Miss Zahra Gharat, 2013-2014, Inter- and Intra-specific diversity of *Tanacetum parthenifolium* and *T. chiliphyllum* using cytological studies and Protein and Enzyme Markers (Ms student).
23. Miss Zahra Gharat, 2013-2014, Inter- and Intra-specific diversity of *Anthemis* and *Matricaria* using cytological studies (Ms student).
24. Mr. Mehdi Motaghi, 2013-2015, Genetic diversity of *Anthemis spp.* And *Achillea spp.* populations using morphological, Biochemical and Mollecular charachteristics (Ph.D. student).
25. Miss Mona Sattar, 2014-2015, Genetic diversity of *Buxus sp.* populations using total proteins and morphology (Ms student).
26. Mr. Javad Ghate, 2014-2015, Inter- and Intra-specific diversity of *Achillea spp.* using cytological studies (Ms student).
27. Miss Zaheri, 2014-2015, Inter- and Intra-specific diversity of *Achillea spp.* using cytological studies (Ms student).
28. Mrs. Maryam Kashi, 2015-2016, Genetic diversity of *Nepeta rasemosa*, *N. menthodies*, *N. cataria*, *N. glomerulosa*, *N. heliotropifolia* populations using total proteins and morphology (Ms student).
29. Miss Fatemeh Rasulzadeh Farsad, 2015-2016, Physiological diversity of *Ferula assa-foetida spp.* populations (Ms student).
30. Miss Leila Rasulzadeh, 2016-2017, Effect of priming on germination and enzyme activity of *Achillea spp.* seeds after naturally and accelerated aging (Ms student).
31. Mr. Shojaee, 2016-2018, Effect of *Plantago* Populations to drought (Ph.D. student)

Publications on Journals:

1. Rasoolzadeh, L., Salehi Shanjani, P., Madani, H. 2017. Effect of priming on germination and enzyme activity of *Achillea vermicularis* seeds after naturally and accelerated aging. *Journal of Medicinal Plants and By-product*, 1: 11-16.
2. Salehi Shanjani, P., Mirza, M., Calagari, M. 2016. Composition of the Essential Oils of Junipers (*Juniperus foetidissima* and *J. Oblonga*) from Arasbaran Protected Area. *Journal of Essential Oil Bearing Plants*, 19: 1261-1266.
3. Mottaghi, M., Salehi Shanjani, P., Jafari, A.A., Mirza, M., Bihamta, M.R. 2016. Eessential Oil Composition of *Achillea filipendulina*, *A. arabica* and *A. eriophora* Cultivated under Temperate Climate in Iran. *Journal of Medicinal Plants and By-products*, 2: 153-158.
4. Salehi Shanjani, P., Mozafarian, V. 2016. Genetic Relationships among Three Yarrow Species Based on Phenotypic Traits and Peroxidase Profiling. *Journal of Medicinal Plants and By-products*, 1: 75-88

5. Pazouki, L., Salehi Shanjani, P., Fields, Martins, Suhhorutsenko, Viinalass, Niinemets U. 2016. Large within-population genetic diversity of the widespread conifer *Pinus sylvestris* at its soil fertility limit characterized by nuclear and chloroplast microsatellite markers. *European Journal of Forest Research*, 135: 161-177.
6. Alizadeh, M.A., Yaryab, S., Jafari, A.A., Salehi Shanjani, P. 2016. Variation of morphological traits, shoot yield, essential oil yield and growing degree-days in the populations of pseudo-chamomile. *Iranian Journal of Medicinal and Aromatic Plants*, 31: 967-976. in Persian
7. Izadpanah, M., Seyedian, S.E. and Salehi Shanjani, P. 2016. Assessment of Agro-Morphological diversity among populations of *Achillea nobilis* L. and *Achillea aleppica* DC. in Iran. *Plant Research*, 31: 55-66. in Persian
8. Mohammadpour, M., Negahban, M., Saeedfar, S. Salehi Shanjani, P., Javadi, H. 2015. Effect of Drought Stress on some of the Biochemical Characteristics of Three *Achillea* Populations (*Achillea vermicularis*). *Russian Journal of Biological Research*,
9. Salehi Shanjani, P., Jafari, A.A., Jahanbaz, R. 2015. Investigation of Genetic variation among Crested wheatgrass species based on Agronomical traits and total leaf proteins. *Journal of Rangeland Science*, 3: 165-180.
10. Mottaghi, M., Salehi Shanjani, P., Jafari, A.A., Mirza, M., Bihamta, M.R. 2015. Interspecific genetic diversity of Iranian *Achillea* species based on morphological traits and total protein profiling. *Journal of Biodiversity and Environmental Sciences*, 125-135.
11. Alimardan, E. Salehi Shanjani, P., Jafari, A.A., Tabaei Aghdaei, S.R. 2015. Evaluation of yield and morphological traits in Iranian populations of Yarrow (*Achillea millefolium* L. and *A. biebersteinii* L.). *Iranian Journal of Medicinal and Aromatic Plants*, 31: 661-675. in Persian
12. Mahmoodzadeh Hosseini M.S., Sefidkon, F., Salehi Shanjani, P., Najafi, Gh.R. 2015. Extraction, identification and comparison of essential oils of flowers, leaves, stems and flowering shoots of *Achillea vermicularis* Trin. *Iranian Journal of Medicinal and Aromatic Plants*, 31: 743-752. in Persian
13. Salehi Shanjani, P., Jafari, A.A., Calagari, M. 2014. Genetic diversity and differentiation of *Secale strictum* sccessions based on phenotypic traits and seed storage protein profiles. *Journal of Sciences, Islamic Republic of Iran*, 25: 309-321.
14. Salehi Shanjani, P., Izadpanah, M., Calagari, M. Effects of drought on osmotic adjustment, antioxidant enzymes and pigments in wild *Achillea tinctoria* populations Ethno-Pharmaceutical products Salehi Shanjani, Javadi, Calagari *Physiological and Biochemical Evaluation of *Achillea tenuifolia* Lam. and *A. vermicularis* Trin. wild populations under drought stress. *Jordan Journal of Agricultural Sciences*, 10: 681-698*
15. Javadi, H., Alizadeh, M.A., Emami, A., Salehi Shanjani, P. 2014. Cytogenetics investigation in different populations of *Anthemis tinctoria* L. (yellow chamomile) accessions from Iran. *Chromosome Science*, 16: 43-49.
16. Salehi Shanjani, P., Izadpanah, M., Mohamadpour, M.R. 2014. Effects of Water Stress on Germination of Yarrow populations from Different Bioclimatic Zones in Iran. *Plant Breeding and Seed Science*, 68: 39-54.
17. Rasoli, M., Tabaei-Aghdaei, S.R., Salehi Shanjani, P. 2014. Herbage yield stability of 38 genotypes of sainfoin (*Onobrychis sativa*) across 5 environments of Iran. *Legume Research*, 37: 245-252.
18. Rasoli, M., Tabaei-Aghdaei, S.R., Salehi Shanjani, P., Alizadeh, M.M. 2014. Evaluation of herbage yield, agronomic traits and powdery mildew disease in 35 populations of sainfoin (*Onobrychis sativa*) across 5 environments of Iran. *Romanian Agricultural Research*, 31: 1-8.

19. Alimardan, E. Salehi Shanjani, P., Jafari, A. A., Tabaei Aghdaei, S.R. 2015. Evaluation of yield and morphological traits in Iranian populations of Yarrow (*Achillea millefolium* L. and *A. biebersteinii* L.). Iranian Journal of Medicinal and Aromatic Plants, 31: 661-675. in Persian
20. Mahmoodzadeh Hosseini M.S., Sefidkon, F., Salehi Shanjani, P., Najafi, Gh.R. 2015. Extraction, identification and comparison of essential oils of flowers, leaves, stems and flowering shoots of *Achillea vermicularis* Trin. Iranian Journal of Medicinal and Aromatic Plants, 31: 743-752. in Persian
21. Salehi Shanjani, P., Salehi P. & Jafari, A.A. 2013. Comparison of phenotypic trait variation and total protein polymorphism in local and exotic germplasms of *Medicago sativa* in Iran. New Zealand Journal of Agricultural Research. <http://dx.doi.org/10.1080/00288233.2013.781508>.
22. Salehi Shanjani, P., Jafari, A.A. & Calagari, M., 2013. Genetic variation among wild and cultivated *Agropyron desertorum* populations based on total protein profiles and phenotypic traits. New Zealand Journal of Crop and Horticultural Science. <http://dx.doi.org/10.1080/01140671.2013.793203>.
23. Noori, F., Salehi Shanjani, P., Bandar Abadi, A., Alizadeh, M.A., Tabaei Aghdaei, S.R., Hadadi, R. 2013. Evaluation of genetic variations in thirteen Iranian, German false chamomile populations using peroxidase isozyme bands pattern. International journal of Advanced Biological and Biomedical research, 4: 398-402.
24. Rasoli, M., Tabaei-Aghdaei, S.R., Salehi Shanjani, P. Darvish, F. 2013. Assessment of genetic variability of 36 Populations of Sainfoin (*Onobrychis sativa*) based on RAPD markers. International journal of Biosciences, 10: 15-26.
25. Salehi Shanjani, P., Jafari, A.A. and Hoseinzadeh, R. 2013. Effects of selection on genetic parameters of *Secale montanum* based on seed storage protein marker. Journal of Rangeland Science, 3: 231-244.
26. Izad panah, M., Salehi Shanjani, P. Jafari, A.A. 2013. Assessment of genetic diversity among wild populations of *Achillea biebersteinii* Afan. using Agro-morphological and germination traits. Journal of Medicinal Plants and By-products, 2: 185-195.
27. Salehi Shanjani, P., Jafari, A.A. & Kohi, L. 2012. Genetic variation and relationships between local and exotic germplasm of *Dactylis glomerata*, based on morphological and total protein markers. Romanian Agricultural Research, 29: 103-113.
28. Adams R. P. & Salehi Shanjani, P. 2012. Identification of the Elburz mountains, Iran Juniper as *Juniperus polycarpos* var. *polycarpos*. Phytologia, 93: 305-321.
29. SALEHI SHANJANI, P., Gharehchae M, Jafari, A.A., Bakhshi Khaneki, G. 2012. Genetic diversity of *Onobrychis sativa* populations using seed storage proteins and its association with ecological factors. Accepted in Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research. in Persian
30. SALEHI SHANJANI, P., Assareh, M.H. and Calagari, M. 2012. Haplotypic variation in forked and monopodial beech (*Fagus orientalis* Lipsky) tree Groups using chloroplast simple sequence repeat (cpSSR) markers. Accepted in Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research. in Persian
31. Jafari, A.A., SALEHI SHANJANI, P., Kouhi, L. and Bakhshi Khaneki, G. 2012. Genetic diversity and geographic relationship among 11 *Dactylis glomerata* populations using total protein electrophoresis. Accepted in Iranian Journal of Biology. in Persian
32. SALEHI SHANJANI, P., Assareh, M.H. and Calagari, M. 2011. Genetic differentiation among the forked and monopodial beech (*Fagus orientalis* Lipsky) groups. Accepted in Iranian Journal of Biology. in Persian
33. Salehi, P., SALEHI SHANJANI, P., Jafari, A.A. bakhshi khaneki, G. 2012 Genetic Diversity of Iranian Wild *Medicago sativa* Populations Using Total Proteins and its

- Association with Ecological Factors. Accepted in Seed and Plant Improvement Journals. in Persian
34. Mohsen Mardi, S. Mostafa Pirseyedi, Mehrbanoo Kazemi Alamooti, Amir H. Ahkami, Mohammad A. Omidbakhsh, Sajad Rashidi Monfared, Nazihe S. Alavi, Mohammad R. Naghavi, Mohammad R. Ghaffari, Parvin Salehi Shanjani, Andreas Katsiotis, 2010. Genetic diversity in cultivars and landraces of durum wheat using SSAP, AFLP and SSR markers. *Journal of Agricultural Sciences and Technology*, 13(3): 905-920.
 35. Adams R. P. SALEHI SHANJANI, P. 2011. Identification of the Elburz mountains, Iran Juniper as *Juniperus polycarpos* var. *polycarpos*. *Phytologia*, 93 (3): 316-321.
 36. SALEHI SHANJANI, P. and Vendramin, G.G. Calagari, M. 2011. Differences in genetic structure among *Fagus orientalis* Lipsky (oriental beech) populations under different management conditions: Implications for *in situ* gene conservation. *Journal of Sciences, Islamic Republic of Iran*, 22(1): 5-13.
 37. Salehi Shanjani, P., G. G. Vendramin & M. Calagari. 2011. Altitudinal genetic variations among the *Fagus orientalis* Lipsky populations in Iran. *Iranian Journal of Biotechnology*, 9 (1): 11-20.
 38. Salehi Shanjani, P., G. G. Vendramin & M. Calagari, 2011. Relationship between sample size and genetic diversity in oriental beech (*Fagus orientalis* Lipsky). *Iranian Journal of Forests*, 3(4): 275-288. in Persian
 39. SALEHI SHANJANI, P. and Vendramin, G.G. Calagari, M. 2010. Genetic diversity and differentiation of *Fagus orientalis* Lipsky in Hyrcanian forests revealed by nuclear and chloroplast microsatellite markers. *Journal of Conservation Genetics*, 11(6): 2321-2331.
 40. Salehi Shanjani, P., Mirza, M., Calagari, M., Adams, R.P. 2010. Effects drying and harvest season on the essential oil composition from foliage and berries of *Juniperus excelsa*. *Industrial Crops and Products* 32: 83–87.
 41. Pazouki, L., Salehi Shanjani, P. Hagidimitriou, M., Pirseyedi, S.M., Naghavi, M.R., Avanzato, D., Quarta, R., Kafkas, A., Ghareyazie, B. and Mardi, M. 2010. Genetic diversity and relationships among *Pistacia* species and cultivars. *Journal of Conservation Genetics*, 11: 311-318.
 42. Salehi Shanjani, P., G. G. Vendramin & M. Calagari, 2010. Temporal genetic structure of Iranian populations of beech, *Fagus orientalis* Lipsky. *Iran. J. Bot.* 16 (1): 1-9.
 43. Salehi Shanjani, P., G. G. Vendramin & M. Calagari, 2010. Effect of artificial selection on genetic structure of beech (*Fagus orientalis* Lipsky) populations. *Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research*, 18(2): 35-45. in Persian
 44. SALEHI SHANJANI, P., Assareh, M.H. and Calagari, M. 2010. Study of molecular and morphological characteristics of seeds from forked and unforked trees of beech (*Fagus orientalis* Lipsky) populations. *Iranian Journal of Forests*, 1(4): 361-375. in Persian
 45. Calagari, M. and SALEHI SHANJANI, P. 2010. Study of genetic variation in *Populus euphratica* by evaluating soluble proteins through SDS-PAGE. *Iranian Journal of Forests*, 2(3): 253-262. in Persian
 46. Salehi Shanjani, P., Mardi, M., Pazouki, L., Hagidimitriou, M., Pirseyedi, S.M. and Khayam Nekoui, S.M., 2009. Molecular variation between and within cultivated and wild *Pistacia* species using AFLPs. *Journal of Tree Genetics and Genome*, 5:447–458.
 47. Basaki, T., Jafarkhani Kermani M, Pirseyedi, S.M., Ghaffari M. R., Haghazari A., Salehi Shanjani P., Koobaz P., Mardi, M. 2009. Assessing *Rosa persica* genetic diversity using amplified fragment length polymorphisms analysis. *Journal of Scientia Horticulturae*, 120: 538-543.
 48. SALEHI SHANJANI, P., Assareh, M.H. and Calagari, M. 2009. Differentiation of beech stem forms using isoenzyme gene markers. *Iranian Journal of Rangelands and Forests*

- Plant Breeding and Genetic Research, 17(1): 139-154. in Persian
49. Ghorbanian, D., Korouri, S., Salehi Shanjani, P., Rafiei Emam, A., Mousavi, S.M. 2009. Investigation of ecological parameters on the turn yellow of *Haloxylon* sp. Iranian Journal of Range and Desert Research, 15(4): 524-539. in Persian
 50. SALEHI SHANJANI, P. and Vendramin, G.G. Calagari, 2008. M. Microsatellite analysis for differentiation and identification of the source tree of *Fagus orientalis*. Iranian Journal of Biotechnology, 6(2): 85-91.
 51. SALEHI SHANJANI, P. 2007. Izozyme diversity of Phosphoglucose Isomerase, Phosphoglucomutase, Shikimate dehydrogenase and 6-Phosphogluconate dyhydrogenase of *Fagus orientalis* Lipsky in beech forests of Iran. Iranian Journal of Biology, 19(4): 384-379. in Persian
 52. SALEHI SHANJANI, P. 2006. Comparison of PCR-RFLP and SSR chloroplast markers in study of genetic structure of beech (*Fagus orientalis*) populations in Hyrcanian forests. Iranian Journal of Forests and Popular Research, 14(2): 116-126. in Persian
 53. SALEHI SHANJANI, P. and Vendramin, G.G. 2007. Genetic differentiation between generations of beech (*Fagus orientalis* Lipsky) populations in Caspian forests. Iranian Journal of Biology, 20(1): 50-60. in Persian
 54. SALEHI SHANJANI, P. and MIRZA, M. 2006. Seasonal variation of the leaf and cone oil of *juniperus excelsa* M.B. Journal of Medicinal Plants, 5(17): 50-58. in Persian
 55. SALEHI SHANJANI, P. 2005. Izozyme diversity of Menadion reductase, isocitrate dehydrogenase and malate dehydrogenase of *Fagus orientalis* Lipsky in beech forests of Iran. Iranian Journal of Biology, 17(4): 402-420. in Persian
 56. SALEHI SHANJANI, P. and SAGHEB-TALEBI, K. 2006. Genetic differentiation of Caspian beech (*Fagus orientalis*) forests from European and Asian minor beech (*Fagus* spp.) stands. Journal of natural Resources of Tehran University, 58(4):779-792. in Persian
 57. SALEHI SHANJANI, P. 2004. Chloroplast DNA phylogeography of *Fagus orientalis* Lipsky in Iran. Iranian Journal of Biology, 17(2): 117-125. in Persian
 58. SALEHI SHANJANI, P., VETTORI, C. GIANNINI, R. and R.A. KHAVARI-NEJAD 2004. Intraspecific variation and geographic patterns of *Fagus orientalis* Lipsky chloroplast DNA. Journal of Silvae Genetica, 53: 193-197.
 59. SALEHI SHANJANI, P. and Gömöry, D. 2004. Isozyme variability of *Fagus orientalis* Lipsky in beech population. International Journal of Agriculture and biology, 6(1): 116-125.
 60. SALEHI SHANJANI, P. and SAGHEB-TALEBI, K. 2004. A study on morphological, qualitative and quantitative characteristics of oriental beech stands from gene conservation point of view. Iranian Journal of Forests and Popular Research, 12(2): 1-10. in Persian
 61. SALEHI SHANJANI, P. 2003. Nitrogen effect on callus Induction and plant regeneration of *Juniperus excelsa*. International Journal of Agriculture and biology, 5(4): 419-422.
 62. SALEHI SHANJANI, P. 2003. Isozyme diversity of peroxidase, leucine aminopeptidase and glutamate oxaloacetate transaminase of *Fagus orientalis* Lipsky in beech forests of Iran. Iranian Journal of Biology, 15(3):1-15. in Persian
 63. SALEHI SHANJANI, P. 2003. Callus induction and plant regeneration of *Juniperus excelsa* using in vitro technique. Iranian Journal of Forests and Popular Research, 11(2): 47-64. in Persian
 64. SALEHI SHANJANI, P. 2003. Genetic variability of beech populations in Iran assessed by PCR-RFLP analysis of cp-DNA. Iranian Journal of Forests and Popular Research, 11(3): 447-457. in Persian
 65. SALEHI SHANJANI, P., Paule, L., and GÖMÖRY, D. 2003. Genetic diversity and differentaiton of beech forests in Iran. Iranian Journal of Forests and Popular

- Research, 11(1): 35-45. in Persian
66. SALEHI SHANJANI, P., Paule, L., KHAVARI-NEJAD, R. A., GÖMÖRY, D. and SAGHEB-TALEBI, K. 2002. Allozymic variability in beech (*Fagus orientalis* Lipsky) forests over Hyrcanian zone. *Journal of Forest Genetics*, 9(4): 297-297.
 67. SALEHI SHANJANI, P., 2002. Quantitative und qualitative untersuchng von eibenperoxidasen in den wäldern Arasbaran und Gorgan, Iran. *Der Eibenfreund*, 8: 164.
 68. SALEHI SHANJANI, P. and Mirza, M. 2002. Essential oil of *Juniperus*. *Iranian Journal of Medicinal Plant*. No. 17. in Persian
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