



CURRICULUM VITAE

Name: Hassan

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Date and place of birth: 22 April 1968, Astara

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Academic Position: Professor

Qualifications:

BSc. , Forestry , University of Guilan , Iran, **GPA:18.85 /20**:1986-1990.

MSc., Forestry , Tarbiat Modarres University , Iran, , **GPA: 18.02 /20**:1990-1993.

Ph.D,Forest Sciences (Ecology),Tabiat Modarres University,Iran,
GPA:18.44/20:1994 -1999

Teaching Experiences:

1. Dendrology (woody broadleaved in Iran), Coniferes
2. Ecology and Forest Ecology
3. Phytosociology (vegetation classification and ordination)
4. Biodiversity of Forest Ecosystems
5. Quantitative Ecology
6. Management of Forests Ecosystemes

Professional experiences :

1. Academic staff. , Dept. of Forestry, University of Guilan, Iran, 1998- present
2. Head of Department of Forestry, University of Guilan, Iran, 2001-2003.
3. Dean of Faculty of Natural Resources, University of Guilan, Iran, 2007-2014
4. A member of the scientific council of Iranian Research Organization for Science and Technology (IROST), Guilan center, Ministry of Sciences and Researches,1998-2003.
5. A member of the research council of Faculty of Natural Resources, University of Guilan, 2000-2005.
6. Participating in the workshop of research methods , University of Guilan, Ministry of Sciences and Researches.
7. Participating in the workshop of teaching methods , University of Guilan, Ministry of Sciences and Researches.
8. Participating in the workshop of SAS software , University of Guilan, Ministry of Sciences and Researches.
9. Editor in chief and editorial board of The Environment Journal, Environmental Research Institute, Jahad Daneshgahi, Rasht, Iran.
1. Editorial board of Caspian Journal of Environmental Sciences (CJES), Association of University of Caspian Region States, Published by the University of Guilan, I.R. Iran.
2. Editorial board of International Journal of Ecology, Environment and Conservation. India.
3. Editorial board of International Journal of Biodiversitas. Indonesia
4. A member in academic council in Environmental Research Institute, Jahad Daneshgahi, Rasht, Iran.
5. A member in Dept. of Natural Environment in Environmental Research Institute, Jahad Daneshgahi, Rasht, Iran.
6. Editorial board of Jungal and wood products Journal, Faculty of Natural Resources, Tehran University. Iran.
7. Editorial board of Forest and Poplar Research Journal, Institute of Forests and Rangelands Researches, Tehran.
8. Editorial board of Forest Ecology Journal, Agricultural and Natural Resources University, Sari, Mazandaran, Iran.
9. Participating in the workshop of projects writing in relation to Integrated Watersheds Management Plan of Iran
10. Participating in the workshop of Management of Scientific Information and Electronic Resources.
11. Participating in the workshop of scientific papers writing and research methods.
12. Participating in the workshop of site classification and vegetation (joined workshop between University of Guilan and Freiburg university).
13. DAAD Scholarship, University of Freiburg, Germany, 21th Sept. to 18th Nov. 2009.
14. DAAD (German Academic Exchange Service) Alumni
15. DAAD Research Ambassador at University of Guilan and north of Iran, 2016-present.
16. DAAD Scholarship, University of Freiburg, Germany, 17th July to 14th September , 2017.
17. Local coordinator in Workshop Project SAP-Hyrcanian (Strengthening the Adaptive Potential of Hyrcanian Forests: Strategies and Measures for

- Increasing and Sustaining the Provision of Ecosystem Goods and Services): 21-25 May 2018, Hotel Monolit Plaza, Baku, Azerbaijan. Organizers: Germany, Iran and Azerbaijan Republic. Funding by Volkswagen.
18. Participating in the workshop on “Emergency forest management and risk analysis”, University of Guilan, Rasht, Iran, 23-24, February 2019. In collaboration with the University of Stockholm and STINT.
 19. Attending the 4th GECI Symposium “Technologies for the Energy Transition” (Enabling Climate Change Mitigation to Capacity Building-Green Energy of Iran (GECI) Project), University of Guilan, 16 June 2019. In collaboration with Technische Universität Berlin.
 20. Attending the 1th International Conference on the Caspian Sea Environment and Sustainable Development. University of Guilan, 1-2, June 2019. In collaboration with University of Tehran and ISC.
 21. Attending in the workshop on “Familiar with international research and educational support programs in Sweden and the European Union”. University of Guilan. 5 February, 2018.
 22. Attending in the workshop on “Teaching methods and techniques – Greece Science Day”. University of Guilan. 24-25 June, 2018.
 23. Attending in the workshop on “Research method and management - Scientific cooperation with Germany”. University of Guilan. 13 September 2018.
 24. Attending in the workshop on “Familiar with the methods of establishing, evaluating, qualifying and supporting knowledge-based companies and institutions”. University of Guilan, 23 October 2019.

Memberships:

1. A membership in Ecological Society of Germany, Austria and Switzerland
2. A membership in National Institute of Ecology (NIE), School of Environmental Sciences, Jawaharlal Nehru University (JNU), New Delhi 110067, India.
3. A membership in Iranian Biology Association.

Awards:

1. An outstanding researcher in Natural Resources Groups in Iran in 2005.
2. An outstanding researcher at University of Guilan, Iran in 2007.
3. An outstanding researcher in Faculty of Natural Resources, University of Guilan, Iran in 2008.
4. An outstanding researcher in Guilan province, Iran in 2009.
5. Award of DAAD scholarship in 2009.
6. An outstanding researcher in Iran in 2010.
7. An outstanding researcher at University of Guilan, Iran in 2012.
8. An outstanding professor in Iran in 2015.
9. Award of DAAD scholarship in 2017.
10. An outstanding professor in Faculty of Natural Resources, University of Guilan, Iran in 2018.
11. Award of Mevlana scholarship (Istanbul Uni. Turkey) in 2019.

12. Award of Erasmus + grant (Freiburg Uni., Germany) in 2020.

Research projects :

1. Study on plant diversity based on altitude in the Asalem region, Talesh, western Guilan.
2. Study of vegetation changes in the different plantations, north of Iran.
3. Study on floristic composition and plant species diversity in the Sweet chestnut (*Castanea sativa* Miller.) sites, western Guilan.
4. Study on vegetation and some ecological factors in the Hazel (*Corylus avellana* L.) reserve forests, Safa Ghashteh region, Fuman, Guilan peovince.
5. Assessment of plant biodiversity in related to environmental factors in the Asalem Watershed basin, north forests of Iran.
6. Linking some environmental factors, plant diversity, stand structure and aboveground biomass in temperate forests of west Guilan in Iran.
7. Establishing permanent and demonstration sampling plots to analyze forest ecosystems responses to changing environmental conditions in Asalem region, western Guilan (**between Guilan and Freiburg universities**).
8. Investigation on plant diversity in the natural and created gaps in Asalem Beech forests, case study: Nove's forestes

Master theses supervised :

1. The effect of altitude on woody species diversity in the virgin forest of Asalem region, Talesh, Guilan.
2. Assessment of woody species diversity in District No.1 forests, Kelardasht, Mazandaran.
3. Study on autecology of *Acer monspessulanum* ssp. *cinerascence* in forests of Fars province.
4. Study on vegetation in beech (*Fagus orientalis* Lipsky.) forests, Siahkal, Guilan.
5. Study on distribution and woody species diversity in norway maple (*Acer platanoides*) sites, Shafaroud forests, Rezvanshahr, Guilan.
6. Study on logging effect on plant species diversity in beech (*Fagus orientalis* Lipsky.) forests, Shafaroud, Guilan.
7. Study on the effect of plantations (*Pinus taeda* and *Cryptomeria japonica*) on plant species diversity in Western Guilan.
8. Plant species diversity in oak (*Quercus libani*) site, Marivan, Kordestan province.
9. Biodiversity of plant species in virgin and manipulated forests, Armardah, Baneh, Kordestan.
10. Plant ecological species groups in Ghalarang forests, Ilam, Western Iran.
11. The effect of gaps on diversity and plant species composition in beech (*Fagus orientalis* Lipsky.) forersts, Safaroud, Ramsar.

12. Study on autecology of oak (*Quercus petrea* ssp. *iberica*) in Asalen forests, Guilan.
13. Dendroclimatology of beech (*Fagus orientalis* Lipsky.) and oak (*Quercus castanaefolia* C.A.Mey.) species in Saravan forests, Rasht.
14. Estimation of biodiversity of plant species in Dr. Dorostkar's Forest Park. Gisoum, Talesh.
15. Study on vegetation in the Rural Heritage Museum in Guilan province.
16. The effect of plantations on plant species diversity in Darabkola region, Mazandaran.
17. The influence of age of mixed plantations on plant species diversity in Masal region, Western Guilan.
18. Plant species diversity in *Populus caspica* Forest Reservior, Safrabasteh, Astaneh Ashrafiah, Guilan.
19. Plant ecological species groups in the Kandelat Forest Park, Saravan, Guilan.
20. The influence of natural fire on composition and diversity of plant species in beech (*Fagus orientalis* Lipsky.) forests, Roudbar, Guilan.
21. Autecology of southern nettle tree (*Celtis australis* L.) in Shafaroud and Tanian region, Guilan.
22. The effect of forest road on vegetation and physical soil properties in Shafaroud forests. Guilan.
23. Plant species diversity in the plantations, Talesh region
24. Effect of livestock grazing and human impacts on floristic and physiognomic characteristic of plants in beech forests (Case study: Masal region).
25. Study on effect of canopy gaps derived from selective cutting on plant diversity and composition in beech (*Fagus orientalis* lipsky.) forests, Case study: Asalem, Guilan.
26. Study on artificial canopy gap effect on composition plant diversity and soil properties in west of Guilan (Case study: Nav of Asalem).
27. Effects of natural canopy gaps on plant species diversity and composition and tree regeneration (Case Study: Masal forests in east of Guilan).
28. Study on vegetation composition in broadleaved and coniferous plantations, Bibiyanlou's Forset Park, Astara.
29. Study on communities of vascular plant species based on altitudinal gradient in middle heights, kordkuy of golestan.
30. Effect of Protection on vegetation and physical and chemical properties of soil in northern forests of Zagros, case study: Piranshahr forests.
31. Study on some ecological characteristices of *Cupressus sempervirens* var. *horizontalis* in Eshkevar, Rahimabad, Roudsar.
32. Autecology of cypress trees (*Cupressus sempervirens* var. *horizontalis*), case study: Seidan's forest reservoir, Roudbar
33. The most appropriate sampling plot size in estimating woody species diversity in beech (*Fagus orientalis* lipsky.) forests (Masal, Guilan).
34. Investigation on vegetation composition in the different types of Persian Iron wood (*Parrotia persica* C.A.Mey) Guilan province case study: Chafroud Forests.

35. The effects of short term fire on the vegetation in the area of the coniferous plantation of Saravan.
36. The effect of fire on plant species composition and richness in the forest central Zagros (Case study: Bazazkhaneh Strait forest area in Kermanshah Province).
37. Changes in the composition of vegetation with increasing altitude in the forests of Kabirkouh, Ilam.
38. Vegetation classification on the basis of topographic factors (slope, aspect, elevation) in the Malé Galle protected area, in Fars province.
39. Investigating on the relationship between riparian tree species diversity and biodiversity of stream macroinvertebrate species, case study: Imamzadeh Ebrahim stream, Guilan, Iran.
40. An assessment of plant species diversity in the protected area of Lisar, western Guilan, Iran.
41. Effect of human and grazing on physiognomic diversity of plant species and some physical and chemical properties of soil, case study: Tanian region.
42. Study on vegetation composition in Lavandevil wildlife protected area.

Master theses advisered:

1. Study on morphological diversity of wild service tree (*Sorbus torminalis* (L.) C.)
2. Study on some ecological factors in oak (*Quercus petraea* ssp. *iberica*) sites, Arasbaran, Eastern Azarbaijan.
3. Quantitative and qualitative of alder (*Alnus subcordata* C.A.Mey) plantations, Tonekabon, Mazandaran.
4. The effect of plantation on plant species diversity in Eastern Guilan.
5. Investigation on vegetation in the Dr. Dorostkar's Forest Park. Gisoum, Talesh.
6. Study on common yew (*Taxus baccata* L.) sites in Kalibar and Eilghanah Chae basins, Arasbaran, Eastern Azarbaijan.
7. Edge effect of forest road, skid trail on plants species composition, case study: Asalem forests.
8. Long – term effect of fire on vegetation and regeneration of beech (*Fagus orientalis* L.) in the mountain forest, case study : Lesakoti - Tonekabon
9. Effect of altitude on changes of growing stock, diversity and composition of trees and shrubs species (case study:Rudsara Rudbar region).
10. Evaluation of carbon sequestration in protected and non-protected areas in Guilan Province forests.(Case study: series 5 of masal forest).
11. A study of structure in mixed stand of beech (*Fagus orientalis* Lipsky) (diameter distribution and spatial pattern) in north of Iran, case study: Sistan district.

12. Investigation of Changes of physical and chemical properties and vegetation at high elevation forests in the north of Iran) case study: Tonekabon-Shirood region forest.
13. Considering the amount of success about the planted species and their influence on plant species diversity in Salansar, Rudbar.
14. Investigation on morphological traits and population of castanea sativa trees. case study: shaft, foman, shafarod.
15. Accuracy assessment of nearest distance sampling method in the western forests of Iran (Case Study : Dorood, Lorestan Province).
16. Estimation of quantitative characteristics of Zagros forest stands using transect sampling methods, Case study: Dalab Region, Ilam Province.

PhD theses supervised:

1. Effect of human disturbances and management on above ground vegetation composition and soil seed bank in Zagros forest ecosystem, Ilam city.
2. Structure, composition and effective environmental factors on riparian forests, case study: Safaroud river basin of Ramsar .
3. Determining the most appropriate network dimension and plot area for estimating of plant diversity in Zagros forests, case study: Ghalajeh forests, Kermanshah province.
4. Evaluation of poplar plantation productivity and it's relation with soil chemical and physical properties in west of Guilan province, case study: Guisoum and Haft-De Ghanan areas.
5. Spatial variability of some soil quality physical, chemical and biology indicators in plantation of west of Guilan province.
6. Assessment of disturbance history and stand dynamics of pure oriental beech (*Fagus orinetalis* Lipsky) communities in western forests of Guilan, Iran.
7. Assessment of changes in the soil seed bank and vegetation under fire at different times period in the Zagros forests
8. Relationship between vegetation composition and some soil properties along elevational gradient in the west of Guilan.

PhD theses adviserd :

1. Environmental and managerial factors effects on distribution of plant species in rangelands of Saralin Kurdistan province.
2. Silvicultural studies of natural and manipulated stands in the Caucasian oak (*Quercus macranthera* Fish & Mayer) sites in Guilan province forests.
3. Study on the fauna and biodiversity of primitive cryptostigmatic mites (Acari: Cryptostigmata: Macropylina) in south and west deciduous and coniferous forests of Guilan province.
4. Simulation of fire behavior based on fuel fire model in the north forests of Iran (Lowland forests of Guilan Province).
5. Study on forest structure and vegetation classification in protected and unprotected forest areas of wild pear (*Pyrus* spp.) in Fars province.

6. Investigation of the effect of age (road-skidtrail) and elevation on vegetation and environmental factors of roadside and skidtrail (Case study: forests of west Guilan).

Referee for National and International Journals

1. Applied Ecology, Esfahan, Iran.
2. Journal of Iranian Biology, Tehran, Iran.
3. Journal of Jungle and wood products, Tehran University, Iran.
4. Journal of Plant Biosystematic, Esfahan, Iran.
5. Caspian Journal of Environmental Sciences (CJES), University of Guilan, Iran.
6. Biodiversitas (Biological diversity) Journal, Indonesia.
7. International Journal of Ecology, Environment and Conservation. India.
8. Journal of Forestry Research, China.
9. Journal of Bioenergy.
10. Environment and Natural Resources Journal, Thailand.
11. Journal of Bioscience, Indonesia.
12. Journal of Folia Geobotanica.
13. Folia Forestalia Polonica, Series A – Forestry.
14. Iranian Journal of Forest and Poplar Research.
15. Acta Ecologica Sinica

Publications

Books

1. Statistical ecology (translated to persian). 2004. University of Guilan Press.
2. Biodiversity conservation in managed forests and protected areas (translated to persian). 2013. University of Guilan Press.
3. Ecology of Bamboo. 2014. Jahadedaneshghahi Press. Rasht.
4. Forestry and Climate Change(translated to persian), 2022. University of Guilan Press.

Articles

In Journals

1. Pourbabaei ,H. , Namiranian , M., Zobiery, M.1999. Determination of the best inventory network dimensions and plot area in a Manipulated Conifer (*Pinus taeda* L.) Forest, Iranian Journal of Natural Resources, 51 (2): 25-33.
2. Pourbabaei , H., Djvanshir ,K., Zobiery, M.,1999. Diversity of woody species of common walnut (*Juglans regia* L.) sites in the Guilan Forests. Iranian Journal of Natural Resources , 52 (1): 35-46.

3. Pourbabaei ,H. , Djavanshir, K. , Makhdoum, M.F., Zobiery , M., 1998. Distribution of common yew (*Taxus baccata* L.) and biodiversity of woody species of its sites in the Guilan Forests, Journal of Enviromental Sciences , University of Tehran , 24: 29-40. (CAB).
4. Pourbabaei , H. , 2004. Diversity of woody species (trees and shrubs) in Sweet chestnut tree(*Castanea sativa* Mill.), Hazel-tree (*Corylus avellana* L.) and Italian cypress(*Cupressus sempervirens var.horizontalis*) ecosystems in the Guilan forests. Environmental and Sustainable Development Journal of Caspian Sea Region. University of Guilan (CAB).
5. Rostami, T.S., Baktash, L., **Pourbabaei, H.**, 2003. The effect of plantations on plant diversity of forest area Environmental and Sustainable Development Journal of Caspian Sea Region. University of Guilan (CAB).
6. Pourbabaei, H., Shadram, S., Khorasani, M., 2005. Comparison of plant biodiversity in *Alnus subcordata* L. and mixed *Fraxinus excelsior- Acer insigne* plantations, Tanian region, Someasara, Guilan, Iranian Journal of Biology, 17 (4): 357-368.
7. Pourbabaei, H., Ahani, H., 2005. Study on woody species diversity of Norway maple (*Acer platanoides* L.), Shafaroud, Guilan, Journal of Rostaniha, 2 (5): 147-158 (ISI).
8. Pourbabaei, H., Hadi, A., Roostami, T., 2005. Biodiversity of woody species (trees and shrubs) in unmanaged forests of Asalem area (Talesh), Northern Iran. International Journal of Ecology and Environmental Sciences 31(1): 61-68 (ISI).
9. Pourbabaei, H., Ahani, H., Bonyad, A., 2005. Investigation of spatial pattern of Norway maple (*Acer platanoides* L.) trees, Shafarood forests, Rezvanshahr, Guilan: Case study, The Environment, Journal of the Environmental Research Institute. 1 (1): 24-30.
10. Torkaman, J., **Pourbabaei, H.**, Siam, S., 2005. Measurement of salicin in bark and leaf of White Willow (*Salix alba* L.) with Spectrophotometric method in Guilan province. Journal of Pejooesh and Sazandeghi, 9 (3): 97-102.
11. Pourbabaei, H., Faghir, B. M., Poorroostam, A., 2006. Determination of plant ecological groups in the beech (*Fagus orientalis* Lipsky) forests, Syahkal, east of Guilan, Iran. International Journal Ecology, Environment and Conservation (2). (ISI).
12. Ahani, H., **Pourbabaei, H.**, Bonyad, A., 2006. Investigation of trees species diversity on diameter at breast height (dbh)class on Norway maple (*Acer platanoides* L.) in Shafarood forest, Guilan provine. Journal of Agricultural Sciences, Azad University, Tehran. 12 (3): 525-534.
13. Pourbabaei, H. Dadoo, K., 2006. Species diversity of woody plants in the district No.1 forests, Kelardasht, Mazandaran province, Iranian Journal of Biology 18 (4). 307-322.
14. Pourbabaei, H., Roostami, S. T., 2007. Study of plant species diversity in loblolly pine (*Pinus taeda* L.) plantations in the Azizkian and Lakan areas, Rasht. Enviro. Journal. Tehran university. 33 (41): (CAB)
15. Pourbabaei, H., Roostami, S., T., 2006. Floristic composition and plant species diversity in altitudinal classes of the managaed forests, Asalem region, Talesh, north of Iran. International journal of Ecology, Environmental and Conservation. 12 (4): 589-598.(ISI).

16. Hesami, S., Etebari, K., **Pourbabaei, H.**, Kamelmanesh, M., 2007. Spatial distribution of Mulberry thrips, *Pseudodendrothrips mori* Niwa (Thysanoptera: Thripidae). Zoological Research 28(3): 1-6 (**ISI**).
17. Ravanbakhsh, M., Ejtehadi, H., **Pourbabaei, H.**, Hoseini, G. J. 2007. Investigation on plant species diversity of Gisoum Reserve forest, Talesh, Guilan province, Iran. Journal of Iran Biology. 20 (3): 218-229.
18. Pourbabaei, H., 2008. Study on woody species diversity in the Sweet chestnut (*Castanea sativa* L.) forests, Guilan, Iran. International Journal of Ecology, Environmental and Conservation, 14.(1): 9-14 (**ISI**).
19. Mosayeb Neghad, I., Shahraji, T.R., Kahneh, E., **Pourbabaei, H.**, 2007. Evaluation of native broadleaved forest plantations in east of Guilan province. Journal of Forest and Poplar Researches. 15(4): 311-319 (**CAB**).
20. Pourbabaei, H., Ranjavar, A., 2008. The effect of shelterwood silvicultural method on plant species diversity in beech (*Fagus orientalis* Lipsky.) forests in Shafaroud, Guilan province. Iranian Journal of Forest and Poplar Research .16(1): 61-73 (**CAB**).
21. Pourbabaei, H., 2009. Stand structure and spatial pattern of sweet chestnut (*Castanea sativa* L.) trees in the Guilan forests, north of Iran. International Journal of Ecology, Environment and Conservation, (1): 17-22 (**ISI**).
22. Pourbabaei, H., Fakhari Rad, M., 2008. Study on structure and plant species diversity in the box tree (*Buxus hyrcana* Pojark.) sites, eastern Guilan, Iran. International Journal of Ecology and Environmental Sciences, 34 (1): (**ISI**).
23. Pourbabaei, H., Heydari, M., Najafifar, A., 2009. The relationship between plant diversity and physiographic factors in Ghalarang protected area, Ilam, western Iran. International Journal of Ecology and Environmental Sciences, 34 (1): (**ISI**).
24. Pourbabaei, H., Poor- Rostam, A., 2009. The effect of shelterwood silvicultural method on the diversity of plant species in a beech (*Fagus orientalis* Lipsky.) forest in the North of Iran. Forest science 6: (**ISI**).
25. Pourbabaei, H., Abedi, T., Zareh, A., 2011. Study on stand structure and plant biodiversity in Box tree (*Buxus hyrcana* Pojark.) site, Anjilbon, Guilan, Iran. Journal of Iran Biology. 23 (1). 9-17.
26. Heydari, M., **Pourbabaei, H.**, Ataroshan, S., 2011. Natural regeneration of Persian oak (*Quercus persica*) among ecological species groups in Zagros region, Journal of Iran Biology. 24 (4): 578-592.
27. Nobakht, N., **Pourbabaei, H.**, Faghir, B.F., Abedi, R., 2011. Study on variations of Diversity Indices and Species Importance Value (SIV) of Plant species in the Dr. Dorostkar's Forest Reservoir Area, Gisum, Talesh. 63 (4).
28. Karamzadeh, S., **Pourbabaei, H.**, Torkaman, J., 2012. Dendroclimatology of *Quercus castaneifolia* (C.A.Mey) on Saravan forest of Guilan. Journal of Forest and Poplar Researches. 19 (1): 15-26.
29. Haghgooy, T., **Pourbabaei, H.**, 2012. Introducing of flora, life form and chorology of plants in Sadetarik Forest Park, Roudbar. Journal of Iran Forest. 3 (4): 331-340.
30. Pourbabaei, H., Zandi, N., S., Adel, M.N., 2012. Spatial pattern of three oak species (*Q.libani*, *Q.infectoria* and *Q.brantii*) in Chenare forests, Marivan, Kordestan. Journal of Natural Environment. 65 (3): 329-339.

31. Abedi, R., **Pourbabaei, H.**, 2011. Ecological species groups in the rural heritage museum of Guilan Province, Iran. CJES (Caspian Journal of Environmental Sciences). 9 (2): 115-123 (ISI).
32. Gholinejad, B., **Pourbabaei, H.**, Farajollahi, A., Parvane, E., 2012. Assessment and Comparison of Different Methods for Estimating Forage Production (Case Study: Rangeland of Kurdistan Province). Journal of Rangeland Science. 2: 483-489.
33. Adel, M. N. **Pourbabaei, H.**, Omidi, A., Dey, D.C., 2012. Forest structure and woody plant species composition after a wildfire in beech forests in the north of Iran. Journal of Forestry Research. (ISI).
34. Adel, M. N. **Pourbabaei, H.**, Omidi, A., Pothier, D., 2012. Long-term effect of fire on herbaceous species diversity in oriental beech (*Fagus orientalis* Lipsky) forests in northern Iran. Forestry Studies in China. 14 (4): 260-267. (ISI).
35. Pourbabaei, H., Poorrahmati, G., 2010. Plant species diversity in loblolly pine (*Pinus taeda* L.) and Sugi (*Cryptomeria japonica* D. Don.) plantations in the western Guilan, Iran. International Journal of Biodiversity and Conservation. Vol. 1 (2) pp. 38-44 (ISI).
36. Abedi, R., **Pourbabaei, H.**, 2010. Plant diversity in natural forest of Guilan Rural Heritage Museum in Iran. BIODIVERSITAS. 11 (4):182-186 (ISI).
37. Pourbabaei, H., Haddadimoghaddam, H.R., Beghom, F.M., Abedi, T., 2013. The influence of gap size on plant species diversity and composition in beech (*Fagus orientalis* Lipsky.) forests, Ramsar, Mazandaran Province, North of Iran. BIODIVERSITAS. 14(2): 89-94. (ISI).
38. Pourbabaei, H., Asgari, F., Reif, A., Abedi, R., 2012. Effect of plantations on plant species diversity in the Darabkola, Mazandaran Province, North of Iran. BIODIVERSITAS. 13(2): 72-78. (ISI).
39. Heydari, M., **Pourbabaei, H.**, Rostami, T., Begim, F.M., Salehi, A., Osatad Hashemi, R., 2013. Plant species in oak (*Quercus brantii* Lindl.) understory and their relationship with physical and chemical soil properties in different classes of altitude in the Arghavan valley protected area, Ilam, Western Iran. CJES (Caspian Journal of Environmental Sciences). 11 (1): 97-110 (ISI).
40. Pourbabaei, H., Bonyad, A.S. Babaeian, M., Adel, M. N., 2013. Autecology of Montpellier maple (*Acer monspessulanum* var.sub.cinerascens). Fars province forests. Journal of Iran Biology. 27 (In press).
41. Heydari, M., **Pourbabaei, H.**, Esmaelzade, O., Porther, D., Salehi, A., 2013. Germination characteristics and diversity of soil seed bank and aboveground vegetation in disturbed and undisturbed oak forests. For. Sci.Pract. 15(4):286-301. (ISI).
42. Heydari, M., **Pourbabaei, H.**, Salehi, A., Faghir, B., M., 2013. Floristic study of Dalab woodlands, North-east of Ilam. Iranian Journal of Science and Technology. (ISI).
43. Kohestani, S. J., **Pourbabaei, H.**, Ramazanpour, H., Adel, M.N., 2013. Study on plant species diversity and models of species abundance in the hachberry tree (*Celtis australis*), case study: Rezvanshahr and Tanian, Guilan. Journal of Pejouhesh and Sazandeghi.
44. Pourbabaei, H., Heidari, M., Faghir, M.B., Naghilou, M., 2012. Evaluation of biodiversity and richness of understory vegetation in related to chemiophysical soil attributes and topography in *Quercus iberica* Stev. Forest site of Asalem in Guilan. Plant and Ecosystem. 8 (31): 15-26.

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