

Name: Soudabeh Ali Ahmad Korori

Date of birth: May 27th, 1946

Place of birth: Tehran

Nationality: Iranian

Marital status: Married (two daughters)

Husband name: Mohammad Bagher Mastan

(PhD: Virgology)

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Memberships

2000-2007: Member of the Iranian Society of Biotechnology

2002-2006: Executive manager of the Iranian Society of Forest Research

2003 –2006: Editor and member of the Iranian Journal of Rangelands and Forest Plant Breeding and Genetic Research

Awards:

1996: Receiving the scientific award from the president of Iran, Mr. Hashemi Rafsanjani for being the excellent biotechnologist of the year

1998: Receiving the scientific award from the general director of the Forests and Rangelands organization of Iran for being the best forestry expert of Iran

2000: Receiving the scientific award for her environmental project (UNCC: Nr.:5000427)

2005: Receiving the second prize of environmental conservation of Iran

Patents

Korori, A. A. S., Ebermann, R.,
1983.

Methods of seed production from the cones of conifers such as Larch (*Larix decidua*) and species, *Pinus Sp.*, Spruce (*Picea abies*) and Species such as Fir (*Abies abies*) with higher Germination ability Patent number: 396414; Patent for an institute in Austria .

Korori, A. A. S.,
2005.

Vertical Electrophoresis with cooling system No: 171/24092; Patentamt / Iran.

Education

1963: High school certificate (Diploma) , Iran

1963- 66: training for Medical Technical Assistant in Iran,

1966- 71: Graduated from the department of Forestry and Forest Economics of the University of Tehran in 1971 with the topic of mater thesis” Forestry of Zagros Mountains”

1984-89: studying PhD at the University of Bodenkultur , Vienna, Austria,
25. Oktober 1989: Doktor der Bodenkultur
With the Dissertation topic” applying Electrophoresis and Spectrophotometry techniques to investigate the temperature, structure and activity of Amylase and Peroxidase Enzymes in different tree species”.

1989- 1992: Post- graduate studies on the subject Of methods of seed production in Larch (in cooperation with Prof. Ebermann)

Work Experience Forest expert

the Research Institute of Forests and Rangelands of Iran , [Tehran, Iran]
1971. –1983

Manager of the working group of Eco physiology
the Research Institute of Forests and Rangelands of Iran , [Tehran, Iran]
1993. –2006

Managing director
Technology of Natural Sustainable Ecosystem Research Group (TONSERG), [Karaj, Iran]
2006 –Current

Website: <http://tonse.ir/>

Teaching Experience

Internship in a Chemical Institute

Bodenkultur , [Vienna, Austria]
1989–1992

Main lecturer of the seminars and projects
Tarbiat Modarres university , [Nour, Mazandaran, Iran]
1993. –1996

Main lecturer of the seminars and projects
Faculty of Natural Resources , University of Tehran , [Karaj, Iran]
1996. –2004

Main lecturer of the seminars and projects
Islamic Azad University of Iran , [Tehran, Iran]
1997. –2006

Dissertation

Moraghebi, F, 2001.
Study of ecological factor environmental adaption and *Corylus avellana* L.phytosociology in north of Iran, requirements for the degree of PhD, Islamic Azad University, and Supervisor: **Korori A. A. S.**

Azadfar, D, 2004.

Comparison of physiological reactions and nutritional requirements of hyrcanian beech (*Fagus orientalis* Lipsky) to seasonal, light and altitudinal changes in different growth stages, requirements for the degree of PhD, Tarbiat Modares University, Supervisor: **Korori, A. A. S.**

Torabian, U, 2004.

Rehabilitation programming some part of juniper forest of Iran and its role in sustainable development of country, requirements for the degree of PhD, Islamic Azad University, Tehran, Advisor: **Korori, A. A. S.**

Shirvani, A, 2004.

Studying of the health and disease Elms (*Ulmus glabra* hudson) in order to find resistant genotypes against Dutch elm disease in four north regions Iran. Requirements for the degree of PhD, Tehran University, Faculty of Natural Resources, Supervisor: **Korori, A. A. S.**

Pourtahmasi, K, 2002.

Dendrochronological investigations of *Juniperus polycarpus* koch in tree sites of Iran, requirements for the degree of PhD Tehran University, Faculty of Natural Resources, Advisor: **Korori, A. A. S.**

Thesis

Moraghebi, F. 1995.

Effect of environmental parameter on essential oils yield of *Pistacia Atlantica* Desf in three province (Kermanshah, Lorestan and Ilam), requirements for the degree of Master, Islamic Azad University, Tehran, Advisor: **Korori, A. A. S.**

Maghuli, F, 1996.

Physiological study yellowing causes of *Haloxylon* in Kashan province, Requirements for the degree of Master, Islamic Azad university, Tehran, Supervisor: **Korori, A. A. S.**

Kord nairj, A, 1996.

The study of relationship among the mass of walnut trees (*Juglans regia*) by electrophoresis and its relation with wood physico-chemical properties, requirements for the degree of Master, Tarbiat Modares University, Advisor: **Korori, A. A. S.**

Azadfar, D, 1998.

Ecological investigation and genetical classification of wild cherry (*Cerasus avium*) in research forest of vaz, requirements for the degree of Master, Tarbiat Modares University, and Supervisor: **Korori, A. A. S.**

Iranmanesh, , 2001.

Utilization of enzymatic studies to distinguish ecotypes and genotypes of *Sorbus torminalis* in Farim forest region, requirements for the degree Master, Mazandaran University, Supervisor: **Korori, A. A. S.**

Parhizkar, P, 2001.

Selection resistant *E.viminalis* against freezing in province Gilan (with biotechnology studies), requirements for the degree of Master, Islamic Azad University, Tehran, Supervisor: **Korori, A. A. S.**

Jalilpour, B, 2002.

The effect of pollution of Persian Gulf War on rate of trees growth including *Ziziphus spina Christi*, *Prosopis cineraria*, *Quercus brantii var persica*, in south and south western of Iran. Requirements for the degree of Master, Islamic Azad University, Tehran, Supervisor: **Korori, A. A. S.**

Mohaghegh, M, 2002.

The studying on tree (*Avecennia marina*, *Ziziphus spina Christi*, *Quercus brantii var persica*) reaction against pollution effects in laboratory conditions, requirements for the degree of Master, Islamic Azad University, Tehran, Supervisor: **Korori, A. A. S.**

Zolfaghari, R, 2003

Investigation of seasonal changes of peroxidase, catalase and amylase in beech (*Fagus orientalis*) in order to identification of resistant ecotype against coldness in the Vaz research forest, requirements for the degree of Master, Tehran University, Faculty of Natural Resources, Supervisor: **Korori, A. A. S.**

Jahanshahi, M, 2003.

Recognition resist pillar of *Eucalyptus camaldulensis* to temperature and salinity in Khuzestan province, requirements for the degree of Master, Islamic Azad University, Tehran, Supervisor: **Korori, A. A. S.**

Valipour, H, 2006.

Study of different genotypes of *Avicennia marina (Forsk.) Vierh.* In three Habitats of Boushehr province and determining resistant ecotypes to oil pollution stresses, requirements for the degree of Master, Tehran University (Faculty of Natural Resources, Supervisor: **Korori, A. A. S.**

Behzadprayvatlou, Sh, 2006.

Role of canopycaver in *Paliurus Spina-Christi* individuals on regeneration of forest trees in the Arasbaran protected area. Islamic Azad University, Tehran, Supervisor: **Korori, A. A. S.**

International Projects

Project scientific designer and manager:

Research Institute of Forests and rangeland of Iran , [Tehran, Iran]

1999 –2003

Project entitled: The investigation of environmental pollution of Persian Gulf War in South and South western of Iran by use of enzymatic and isoenzyme alteration (Peroxidase, amylase and esterase), granted by UNCC, project Number 5000427.1999-2003,

Project scientific designer and manager:

Technology of Natural Sustainable Ecosystem Research Group (TONSERG), [Karaj, Iran]

July, 2014 –Current

Project entitled: Rehabilitation management based on community participation and recognition of stable (elite) oak stands in Ilam province (Role of hazes in mortality of Zagros oak forests), Small Grant Project (SGP), Global Environmental Facility (GEF), started July, 2014.

National Projects

Project scientific designer and manager:

Research Institute of Forest and Rangelands, [Tehran, Iran]

1992 –2000

Project entitled: The national and general project on consideration of Iranian juniper forest rehabilitation. Project number: 72-0310117908-09

Project scientific designer and manager:

Research Institute of Forest and Rangelands, [Tehran, Iran]

1992 –2000

Project entitled: National project of natural resource of Iranian soils biology (study of forest trees symbiosis with microorganisms).

Project scientific designer and manager:

Research Institute of Forest and Rangelands, [Tehran, Iran]

1993 –2002

Project entitled: National project of Eucalyptus species in Iran: establishment, sexual and asexual production of resistant stands environmental changes (drought, forest and salinity) ecophysiological, wood and economy studies. Project number: 72-0310117909-01.

Project scientific designer and manager:

Research Institute of Forest and Rangelands, [Tehran, Iran]

1993 –2004

Project entitled: The study of ecophysiology and biochemistry reasons of yellowing in planting locations of Haloxylon of Iran. Project number: 72-0310117908.

Project scientific designer and manager:

Research Institute of Forest and Rangelands, [Tehran, Iran]

1992 – 2000

Project entitled: The metabolic studies of protein, enzyme and isoenzyme, cationic alterations in developing in seeds of Fraxinus excelsior. Project number 72-0310117100-04.

Project scientific designer and manager:

Research Institute of Forest and Rangelands, [Tehran, Iran]

2004

Project entitled: Management Studying of Vaz Forest.

Project scientific designer and manager:

Research Institute of Forest and Rangelands, [Tehran, Iran]

2005

Project entitled: Response of J. excelsa cutting to different treatments (hormones, enzymatic, lighting, protein). Project number: 72- 0310117908-10

Project scientific designer and manager:

Technology of Natural Sustainable Ecosystem Research Group (TONSERG), [Karaj, Iran]

2007

Project entitled: Reasons of longevity in Iranian long-lived cypresses (This project has been funded by Iran national science foundation)

Project scientific designer and manager:

Technology of Natural Sustainable Ecosystem Research Group (TONSERG), [Karaj, Iran]

2008

Project entitled: Study of 25 year Variation in Air Pollution Uptake and the Tree Response (Case study, *Platanus Orientalis*)

Project scientific designer and manager:

Technology of Natural Sustainable Ecosystem Research Group (TONSERG), [Karaj, Iran]

2009

Project entitled: A survey plan for inspecting plane and mulberry trees conditions in Tehran and determining the pollution resistant individuals.

Published books

Korori, A. A. S., Tizray. A., Malek pour. B., Foroughian. P., 1982. Chemical, Composition of important native and rangeland plants during Phonological stages. Research Institute of Forest and Rangelands of Iran publication, pp 40.

Korori, A. A. S., 1999. Investigation on responses of forest trees enzymes to Alteration of environmental factors. Research Institute of Forest and Rangelands of Iran publication, ISBN 964-473-048-8. pp333.

Korori, A. A. S., Khoshnevis, A., 2000. Ecological and Environmental Studies of Juniperus Habitat in Iran Research Institute of Forests and Rangelands of Iran publication. 2000, ISBN 964-473-066-6. pp208

Korori, A. A. S., Shirvany, A., Matinizadeh, M., 2011. Pollution effects of Persian Gulf War on the southern regions of Iran. The technology of Natural sustainable ecosystems research group, Jahad Daneshgahi, Tarbiat Moallem University Publication, ISBN: 9789646653818, 380 pp.

Korori, A. A. S., Shirvany, A., Khoshnevis, M., Matinizadeh, M., Imani, G., Shabestani, Sh., Valipour, K. H., 2001. Long Lived Trees of Yazd Province, Neyak publication, ISBN: 978-600-92049-2-2. pp 188.

Korori, A. A. S., Khoshnevis, M., Matnizadeh, M., 2011. Comprehensive Studies of Juniperus Species in Iran. Pounch Publication, ISBN: 978-964-6931-94-4, pp 570.

Korori, A. A. S., 2014. Ecosystem Management of Natural and Plantation Sites of Haloxylon of Iran, Pounch Publication, ISBN: 978-600-6681-12-2, pp 216.

Publications

- Ebermann R., **Korori, A.A. S.**, 1991. Temperature Dependent alteration of peroxidase and amylase isozymes in *Quercus robur*, *Phyton*, vol 31, p: 121- 128.
- Pichorner, H., Couperus, A., **Korori, A. A. S.**, Ebermann, R., 1992. Plant peroxidase has a thiol oxidase function. *Phytochemistry*, vol.31, p 3371-3376.
- Pichorner, H., Couperus, A., **Korori, A. A. S.**, Ebermann, R., 1992. The two and the four electron transfer to molecular oxygen mediated by plant peroxidase in the presence of thiols, *Phytochemistry* vol. 31: 3371.
- Pichorner H, Loews, S., **Korori, A. A. S.**, Jessner, H., Ebermann, R., 1992..Fast and sensitive staining technique for catalase in polyacrylamide gel, *Journal of Chromaography*, vol. 594,: 400-402
- Korori, A. A. S.**, 1992. Die enzymatische Antwort der Bäume auf mweltveränderungen an Beispiel von Peroxidase and Katalase. *Lebensmittel & Biotechnologie*. Austria.
- Korori, A. A. S.**, Hinterstroisser, B., Lang, Ebermann , R., 1993 . Seasonal alteration of plant peroxidase isoenzyme patterns in *Larix deciduas*, *Phyton*; vol.32: 307-313
- Korori, A. A. S.**, Pichorner, H, Eberman, R., 1994. Seasonal alterations of peroxidase and catalase isoenzymes branches and seeds of three different species of Laix. *Plant Peroxidase Newsletter*. Issue3:12-17
- Korori, A. A. S.**, Moraghebi, F., 1995. Alteration of peroxidase and amylase enzyme in winter and summer cuttings of *Picea*, *Pajuhesh va Sazandegi Journal*, vol 28: 64-69.
- Korori, A. A. S.**, Salehi shanjani, P., 1995. Seasonal and temperature alterations of peroxidase and amylase enzymes in *Picea abies*, *Pajuhesh va Sazandegi Journal*, No. 24: 56-60.
- Koroi, A. A. S.**, Matienizadeh, M., Ebermann, R., 1996. Monthly alteration of peroxidase and catalase during Seed developing and the effect of different light treatments on peroxidase of the seed and germination of *Larix europea*, 1996, *Pajuhesh va Sazandegi Journal*, No.25: 40 – 48.
- Koroi, A. A. S.**, Ghorbanli, M., Maghouli, F., 1996. Studying the physiologic reasons of turning to yellow of *Haloxylon*, *Pajuhesh va Sazandegi Journal*, No32:36-40.
- Koroi, A. A. S.**, Maghouli, F., 1996. Studying the manner of protein, enzymatic reactions of *Haloxylon* species to alterations of some environmental factors (temperature, EC and pH).*Pajuhesh va Sazandegi Journal*, No. 32: 16-20.
- Korori, A. A. S.**, Matienzadeh, M., Ebermann. R., 1996. Absorption of high molecular proteins by forsest tree roots.*Pajuhesh va Sazandegi Journal*, No.25: 48 - 52.
- Korori, A. A S.**, Salehi, P., Matinizadeh, M., Khoshnevis, M., Mouraghebi F., Teimouri, M., Maghuli, F., Jebbeli. M., 1997. Investigation relations between *Juniperus polycarpus*and *Juniperus excelsa* by enzymatic studies. *Pajuhesh va Sazandegi Journal*, No. 37: 48-51.
-

Korori, A. A. S., Salehi, P., Maghuli, F., Matinizadeh, M., Teimouri M., Khoshnevis M., and Jebbeli M., 1997. Peroxidase activity in a long lived Juniperus polycarpus and comparison with three other long lived Juniperus excelsa in Semnan province. Pajuhesh va Sazandegi Journal, No. 36: 40-41

Korori, A. A. S., Teimouri M., Khoshnevis M., Salehi P., Matinizadeh M., Moraghebi F., Maghuli F., Jebbeli M., 1998. Study of Genetical segregation in Juniperus polycarpus by use of peroxidase and amylase. Pajuhesh va Sazandegi Journal. No.38: 62-65

Matinizadeh M., **Korori, A. A. S.,** Maghuly F., 1998. Micro-climate of Dehe-bakri location and long-lived trees. Jungle-va-Marta, vol. 40: 34-41.

Korori, A. A. S., Maghuly F., Rad M H, Matinizadeh M., 1999. Long-lived trees of Yazd province. Jungle-va-Marta, 1999, vol. 41, p: 43-56.

Korori, A. A. S., Maghuly F., Matinizadeh, M., 1999. Long-lived trees of Ghazvin province. Jungle-va-Marta, 43: 44-56.

Korori, A. A. S., Khoshnevis M., Teimouri M., Matinizadeh M., 1999. Long-lived trees of Chaharmahal-va-Bakhtiari province. Jungle-va-Marta, 44: 46-52.

Korori, A. A. S., Maghuli F. and Matinizadeh M., 1999. Prosopis cineraria and Prosopis juliflora: symbiosis, competition or invasion (ecophysiological and physiogenetical studies). Pajuhesh va Sazandegi Journal, No. 45:4-14

Korori, A. A. S., Teimouri M., Khoshnevis M., Salehi P., Salehi A., Matinizadeh M., Moraghebi F., Maghuli F., Jebbeli M., Shirvani A., 1999. Evaluation of pollution damage from the Persian Gulf War on mangrove and Ziziphus trees through study of enzyme activity, cations and anions. Pajuhesh va Sazandegi Journal. No: 43:101 – 103.

Korori, A. A. S., Khoshnevis M., Teimouri M., Matinizadeh M., 2000. Identification of long-lived trees in Chaharmahal e Bakhtiari (First part). Journal of Jungle-va-Marta. vol. 44: 46-52

Korori, A. A. S., Khoshnevis M., Teimouri M., Matinizadeh M., 2000. Identification of long-lived trees in Chaharmahal e Bakhtiari (Second part). Journal of Jungle-va-Marta. vol 45: 66-69.

Korori, A. A. S., Matinizadeh M., Sohrabi R., Mehdifar D., 2000. Long-lived trees of Lorestan province. Jungle-va-Marta, vol. 46: 35-41.

Korori, A. A. S., Matinizadeh M., Shirvany A., Khanjani B., Hemmati A., Rostampour F., 2000. Long-lived trees of Gilan province (part1) Jangal -va-Marta, vol. 47: 56-64.

Korori, A. A. S., Matinizadeh M., Shirvany A., Khanjani B., Hemmati A., Rostampour F., 2000. Long-lived trees of Gilan province (part2). Jungle-va-Marta, vol. 48:8.

Korori, A. A. S., Matinizadeh M., Khanjani B., Shaghghi V., Rostampour F., 2000. Long-lived trees of Gilan province (part3). Jungle-va-Marta, 2000, vol. 55: 38-48

Salahi A., Geranfar S., **Korori, A. A. S.,** 2001. Nitrogen deposition in the greater Tehran metropolitan area. Scientific World Journal. 8; 1 Suppl 2:261-5. PMID: 12805744.

Korori, A. A. S., Matinizadeh M., Maghuly P., 2001. Rad.Uralte Bäume in der Provinz Yazd des Iran. Baum Zeitung, No. 3. 35 Jahr. H 8248 F.PP.104-108.

Korori, A. A. S., Matinizadeh M, Teimouri M., 2001. Untersuchungen ueber Eiben (Taxus baccata) Mykorrhizen im Norden des Iran .Der Eibenfreund.

Korori, A. A. S., Matinizadeh M, Khakdaman H,Parandavar R. Long-lived trees of Ghom province. Jungle-va-Marta, 2001, vol. 53: 36-41.

Korori, A. A. S, Matinizadeh M, Azadfar D, Gholami G, 2001. .Long-lived trees of Golestan province. Jungle-va-Marta, vol. 54: 70-79.

Korori, A. A. S., Matinizadeh M., Khoshnevis M, Moraghebi F., 2001. Studding of juniper forest of Iran, management programming and rehabilitation of them (part1). Journal of Jangal va Marta, vol 50:40-48.

Korori, A. A. S., Matinizadeh M., Khoshnevis M., Moraghebi F., 2001. Studding of juniper forest of Iran, management programming and rehabilitation of them (part2), Journal of Jangal va Marta, vol51:46-59.

Korori, A. A. S., Khoshnevis M, Maghouli F, Jebeli M, Khanjani B., Investigation of methabolic development in Fraxinus excelsior seeds by using of enzymes and cautions variation, Iranian forest and poplar research, 2002, vol 9 :148-150

Rad, M., **Korori, A. A. S.,** Khoshnevis M, Jalili A,Matinizadeh M, Teimouri, M., Shamszadeh, M., 2002.Symbiosis of vesicular_arbuscular fungi with Haloxylon Sp in natural and man-made forest of yazd province. Pajuhesh va Sazandegi Journal. No: 46: 72-77

Shahmir F, Ahmadi, M, Mizam., **Korori, A. A. S.,** 2003. Secretory elements of needles and berries of Juniperus communis L. ssp. communis and its volatile constituents, Flavor and fragrance journal, vol. 18: 425-427.

Moraghebi F, **Korori, A. A. S.,** Khanjani B, Teimouri M, Hemmati A., 2003. Allopathic effect of Eucalyptus, Cupressus and Populus on undergrowth and some soil properties in Saravan and Shikhnechin in Gilan provinces. Pajuhesh va Sazandegi Journal, No53 PP: 26 -35

Korori, A. A. S., Matinizadeh M, Teimouri M., 2003. Enzymatic response of different parts of trees against temperature treatments. Pajuhesh va Sazandegi Journal, No. 55: 10-14.

Korori, A. A. S., Matinizadeh M, Teimour Khoshnevis., 2003. Recognition of arbuscular mycorrhizal fungi in Taxus baccata from Vaz forest. Pajuhesh va Sazandegi Journal, No. 53, p 48-53

Torabian, U., **Korori, A. A. S.,** Adeli E, Jalilpour B., 2003. Long- lived trees of Shams Abad village in Ardebil Province. Jungle-va-Marta, vol 61, p: 47-52

Korori, A. A. S., Khoshnevis M, Matinizadeh M., 2003. Long-lived trees of Hormozgan province. Jungle-va-Marta, vol. 58: 62-68

Korori, A. A. S., Shirvani A., 2004. Identification of long lived trees in Sistan & Baluchestan Province in Iran (part I), Jangal- va Marta, vol 59: 54-61

Korori, A. A. S., Shirvani, A., The importance of monitoring studies in the management of sustainable development of brackish, 2004, Journal of Jangal va Marta, No. 58:54-66

Parhizkar, P., **Korori, A. A. S.**, Moraghebi, F. Adeli, E., 2004. Peroxidase and enzyme in order to looking for resistant individuals. Pajuhesh va Sazandegi Journal, No65.

Parhizkar P; **Korori, A. A. S.**, Moraghebi F. Adeli E., 2004. Peroxidas an enzyme in order to looking for resistance individuals. Pajuhesh va Sazandegi Journal, No: 65 PP: 44-48

Zolfaghari R., **Korori, A. A S.**, Etemad, V., 2005. Changes in the activity of amylase, peroxidase and catalase in beech (*Fagus orientalis* Lipsky) during dormancy and growth. Acta Biologica Hungarica Journal, vol: 56(3-4): 305-311.

Azadfar, D., **Korori A. A. S.**, Hadadch GH, 2005. Study of peroxidase and Alpha-Amylase activities in different growth stages of Beech (*Fagus orientalis*Lipsky). Pajuhesh va Sazandegi Journal, No. 62:25 - 32.

Shirvani, A, **Korori, A. A. S.**, 2005. Evaluation of forest ecosystem by means of soil enzyme studies with usage of *Ulmus glabra* as a bioindicator. Pajuhesh va Sazandegi Journal, No.66: 96-103

Teimouri M., **Korori, A. A. S.**, Matinizadeh M., Khoshnevis M., 2005. Isolation and identification of phosphate solublizing bacteria from Vaz forest soil. Pajuhesh va Sazandegi Journal, No. 65: 57-65.

Moraghebi F., **Korori, A. A. S.**, Khanjani B, Teimouri M, Hemmati A., 2005. Effect of Eucalyptus plantation on under story plant cover and some soil parameters in comparison to next natural Forest in Astara. Iranian Journal of Forest and Poplar Research. vol 13 (1): 93-109.

Khoshnevis, M., **Korori, A. A. S.**, Matinizadeh M, Teimouri Shirvani A., 2005. Long-lived trees of Tehran province (part1). Jungle-va-Marta, vol 67: 53-61.

Khoshnevis, M., **Korori, A. A. S.**, Matinizadeh, M, Teimouri, a., Shirvani A., Jalilpour B., 2005. Long-lived trees of Tehran province (part2). Jungle-va-Marta, vol 68-69: 52-60.

Matinizadeh, M., **Korori, A. A. S.**, Khoshnevis M., Teimouri M., 2006. Identification and abundance of mycorrhiza fungi symbiosis with *Juniprus exelca*, Iranian journal of Forest and poplar research, 13 (4):385-401.

Valipour H, **Korori, A. A. S.**, Shirvany, A., Daneh kar A., 2006. Study on peroxidase activity in relation to heavy metals in mangrove species *Avicennia marina* (Frsk.) Vierh. Natural Resources Journal, Tehran University, and Faculty of Natural Resources.

Valipour H, **Korori, A. A. S.**, Daneh kar A, Shirvany A., 2007. Changes in Peroxidase Isozymes in Mangrove Species (*Avicennia marina* (Forsk.) Vierh.) After Exposure to heavy Metals and oil pollutants. Iranian Journal of Biology (IJB), Scientific Research, 20(2).

Korori, S. A. A., Valipour K. H., S. Shabestani, A. shirvany & M. Matinizadeh, 2010. A 25-year Monitoring of the Air Pollution Depicted by Plane Tree Species in Tehran. World Academy of Science Engineering and Technology (WASET), 6 (70): 1307-6892.

Korori, A. A. S., Shirvany, A., Teimouri, M., Matinizadeh, M., Imani, G., Shabestani, Sh., Akhondi, A. M., Valipour, H. K., 2012. Dornish Ecosystem: A natural approach in desertification control, *International Journal of Biotechnology and Biochemistry*, 8(2): 193-204.

Korori, A. A. S., Azadfar, D., Shorvany, A., Valipour, K.H., Matinizadeh, M., 2012. Assessment of Genetic Variability in Long-lived Cupressus sempervirens var. horizontalis Using SSR Markers. *Plant Gene and Trait*. 3(8), 43-49.

Korori, A.A.S., Shirvani.A., Madani Mashaei, E., Talebi. Kh.T., 2013. Tree Utilization as Indicator to evaluate the degradation of Iran's Ecosystems in Persian Gulf War (a part of project number 5000456 Of the UN certified in 28 October 2004). *Caspian Journal of Applied Sciences Research*, 2 (9): 85-94.

Korori. A.A.S., Matinizadeh, M., Shirvany.A., Madani Mashaei, E., Monemian. S.M., 2014. The role of peroxides, Amylase and Catalase in providing cold-resistance conditions and seed development in Iran's elite Long-lived Cypress trees (Submitted to the *Journal of Agricultural Science and Technology*).

Korori A.A.S., Matini Zadeh, M., Shirvani.A., Madani Masahei, E., Talebi Kh.T., Monemian, S.M., Abdi,E., 2014. Evaluation of pollution intensity in different districts of Tehran based on measuring Chlorophyll, Plumb and Cadmium heavy metal contents in trees. *International Journal of Environmental Research*, 8(4):1105-1114.

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