



University of
TEHRAN

Curriculum Vitae

Name: **Kambiz Pourtahmasi**
Date of Birth: _____
Place of Birth: **Bandar-e Anzali, Iran**
Nationality: **Iranian**
Marital Status: **Married**
Academic Rank: **Full Professor**
Department: **Wood & Paper Science and Technology, Faculty of Natural Resources,
University of Tehran**
Work Phone: _____
E-Mail: **pourtahmasi@ut.ac.ir**

EDUCATION

- 1997-2002: **Ph.D. Wood Science & Technology, (A joint thesis work with Prof. Fritz Hans Schweingruber, WSL Switzerland & Prof. Achim Bräuning, Stuttgart University, Germany) Defense at Faculty of Natural Resources, Tehran University, Iran.**
- **Pourtahmasi, K. 2002, Dendroclimatological investigation of *Juniperus polycarpos* in the Alborz Mountains of Iran in comparison with neighboring high mountain areas. PhD dissertation, University of Tehran, 165p.**
- 1994-1996: **MSc. Wood Science & Technology in Faculty of Natural Resources, Tehran University, Iran.**
- **Pourtahmasi, K. 1997, Preparing Computerized Program for Designing of Wooden Beams, MSc thesis, University of Tehran, 40p.**
- 1990-1994: **BSc. Wood Science & Technology in Faculty of Natural Resources, Tehran University, Iran.**
- **Pourtahmasi, K. 1994, A Comparison on Particleboards Produced in Two Particleboard Mills in Iran, BSc thesis, University of Tehran, 116p.**

ACHIVEMENTS

- **First-best student in Ph.D. Comprehensive exam in the college with an average of 18.54 (Max. 20).**
- **First-best student in the college with an average of 18.6 (Max. 20), during the MSc. degree.**

ACADEMIC POSSITONS

- **Assistant Professor, 2002-2009**
- **Associate Professor, 2009-2015-06-16**
- **Full Professor, 2015 to present**

WORKING EXPERIENCE

- 2019-Present: Vice-Dean of Research and Technology, College of Agriculture & Natural Resources, University of Tehran.
- 2011-Present: Head of Center of Excellence on Applied Management of Fast Growing Wooden Species.
- 2013-2015: President of Asian Dendrochronology Association (ADA)
- 2008-2010: Head of Wood and Paper Science & Technology Department, Faculty of Natural Resources, University of Tehran.
- 2005-2008: Deputy Dean for academic affairs, Faculty of Natural Resources, University of Tehran.
- 2004-2005: Head of Wood and Paper Science & Technology Department, Faculty of Natural Resources, University of Tehran.
- 2001-2004: Head of Informatics Office, Faculty of Natural Resources, University of Tehran.
- 1996-2001: Assistant in Wood Anatomy Lab., Dept. of Wood & Paper Science & Technology, Faculty of Natural Resources, Tehran University.
- 1995-2004: Administrator of Computer Networks, Faculty of Natural Resources, Tehran University.
- 1997-2000: Head of Society of Wood & Paper Students, Faculty of Natural Resources, Tehran University.
- 1998-2000: Administrator of Computer Networks, Research Institute of Forest & Rangelands, Tehran.

Supervised Thesis and Dissertations

Master Thesis Supervised:

1. Sadeghi, Gh. 2020. Wood formation in maple trees in Jahanshahr women Park, Karaj, MSc thesis, University of Tehran, 74p.
2. Aghamohammadi Shandi, P. 2019. Evaluation of Plane trees heart rot and different conserving fillers, MSc thesis, University of Tehran, (Co-Supervised with Dr. Efhami).
3. Pourmohammad, M. 2019. Effect of thermal treatments on Acoustical properties of Walnut wood and it is impact on Musician's satisfaction, MSc thesis, University of Tehran, (Co-Supervised with Prof. Azizi).
4. Amiri, A. 2019. Investigation on approaches of supplying wood for particleboard and fiberboard factories in Iran by means of import, MSc thesis, University of Tehran, (Co-Supervised with Prof. Azizi), 115p.
5. Khodadadi, A. 2018. Improving acoustic properties of Walnut wood (*Juglans regia*) by speeding-up mechanical vibrations in order to use in Santour, MSc thesis, University of Tehran, 65p.
6. Amiri Dehcheshmeh, A. 2018. Comparing radial growth and vessel features of hornbeam in different diameter classes, in pure and mixed forest, MSc thesis, University of Tehran.
7. Saeedi, S. 2016. Extending the Juniper Chronology of Chaharbagh, Iran by using the archeological material, MSc thesis, University of Tehran.
8. Ghasemi, F. 2016. Evaluation of the Wood of Yahya-Handmade Tar Instrument in order to establish the originality curve. MSc Thesis, University of Tehran, 78p.
9. Namvar, S. 2015. Juniper Chronology from Northeast of Iran and it is relation with climate. MSc Thesis, University of Tehran, 78p.
10. Hazrati Behnagh, M. 2014. Studying the bending capacity and shear strength of laminated veneer lumber made from fast-growing wood species, MSc Thesis, University of Tehran, (Co-Supervised with Prof. Ebrahimi), 83p.
11. Saadati, A. 2014. Study on fiber morphology and stem anatomy of six Iranian Hemp populations, MSc Thesis, University of Tehran. (Co-Supervised with Dr. Salami), 82p.
12. Nasiri, S. 2014. Effect of climate on radial growth of *Quercus castaneifolia* during growing season (At research forest of Tehran University-Central part of Hyrcanian Forests, Northern Iran. MSc Thesis, University of Tehran. (Co-Supervised with Prof. Bräuning), 101p.
13. Foroozan, Z. 2013. Study on relationship between precipitation and temperature with $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ changes during last 50 years in growth rings of Oak and Juniper Trees at Chahrbagh sites in Gorgan, MSc Thesis, University of Tehran, 126p.
14. Rezaei Sangsaraki, N. 2013. Intera-annual variation of $\delta^{13}\text{C}$ in the last five years of Beech and Oak tree rings at central Caspian Forests of Iran, University of Tehran, 76p.
15. Masoumi, A.A. 2013. Study of some enzymes activities in reaction wood of Poplar tree (*Populus alba*), University of Tehran.
16. Sharifi, Z. 2013. Effect of climate on Chestnut-leaved Oak (*Quercus castaneifolia*) xylem conducting tissue in Loveh (Gorgan), MSc Thesis, University of Tehran. (Co-Supervised with Dr. Oladi),

17. Emam Jome Ghodsinia, S.A. **2012**. Diameter and height growth changes of Oak (*Quercus castaneifolia*) in Loveh forest, Iran. MSc Thesis, Gorgan University of Agriculture Sciences and Natural Resources, 104p.
18. Elzami, L. **2012**. A study on radial growth and wood formation of Beech trees by using point dendrometer. MSc Thesis, University of Tehran, 77p.
19. Sadeghpour, M. **2012**. The yearly variation of tree-ring width and wood anatomy of Beech in three altitudes at Asalem Forest (Northern Iran). MSc. Thesis, University of Tehran, 67p.
20. Sharifi Sosari, S.Z. **2012**. Investigation on Walnut wood in relation to its application for making musical instrument "Santour". MSc thesis, University of Tehran, 89p.
21. Karami, E. **2011**. Investigation of Durability and Static Stability of Historical Heritage (Takhte Tavous). MSc thesis, University of Tehran, 85p.
22. Sadari, M. **2010**. Investigation on Cambium activity and wood formation in *Juniperus polycarpus* trees from mountains of Chaharbagh, Gorgan, Iran. MSc thesis, University of Tehran, 69p.
23. Nadi, M. **2010**. Application of various interpolation techniques of climatic data for determining the most important factors affecting the trees growth at the elevated areas of Chaharbagh, Gorgan. MSc thesis, University of Tehran, (Co-Supervised with Prof. Khalili) 85p.
24. Najafi Harsini, F. **2010**. Radial-growth investigation of *Quercus infectoria* in Kermanshah Mountains, Iran by using Dendrochronology. MSc thesis, University of Tehran, 58p.
25. Yarmohammadi, F. **2010**. Engineering design of Professors' working desk (Case study: Faculty of Natural Resources, University of Tehran). MSc thesis, University of Tehran, 50p.
26. Lonbani, A. **2010**. Analysis of furniture (office chair) by means of Finite Element Method. MSc thesis, University of Tehran, 64p.
27. Abedini, R. **2009**. Quantitative and qualitative assessment of Lebanon oak (*Quercus libani* Oliv.) tree rings in Baneh Forest, Northern Zagros, Iran. MSc thesis, University of Tehran, 82p.
28. Se Golpayegani, A. **2007**. Investigation of Mulberry wood (*Morus alba*) used for making Iranian musical instruments. MSc thesis, University of Tehran, 130p.
29. Vazirian, A. **2007**. Engineering Design of University's classroom wooden chairs. MSc thesis, University of Tehran, 106p.
30. Hajian, M. **2007**. Within tree variation of Fiber properties and density of *Populus x euroamericana* in radial as well as longitudinal directions. MSc thesis, University of Tehran, 86p.
31. LotfiOmran, N. **2007**. Wood anatomy variation of Oriental beech (*Fagus orientalis* Lipsky) along an altitudinal gradient. MSc thesis, University of Tehran, 78p.
32. Poursartip, L. **2005**. Dendroclimatological investigation of juniper (*Juniperus polycarpus*) and oak (*Quercus macranthera*) tree at Chaharbagh Gorgan, Iran. MSc thesis, University of Tehran,
33. Hatam, A. **2004**. Statistical modeling of hydrogen peroxide bleaching process to predict optical and mechanical properties of a bleached CMP pulp. MSc thesis, University of Tehran, 130p.

PhD Dissertation Supervised:

1. Vazirian, A., 2020. Investigation on Growth Dynamic of Juniper Trees in Jeyshabad, Zanjan, Iran Using Dendrochronology Method. University of Tehran, 129p.
2. Moezipour, A. 2019. Effects of irrigation with Landfill Leachate on biological features of Poplar and Ash Trees: Implications for Phytoremediation, University of Tehran, (Co-Supervised with Dr. Motesharezadeh), 150p.
3. Dashti, H. 2019. Preparing optimum drying method for Mulberry and Walnut wood in order to make Musical Instruments, University of Tehran, (Co-Supervised with Dr. Tarmian).
4. Najafi, F. 2018. Comparing wood anatomical characteristic and radial growth of healthy and declining *Quercus brantii* trees (Case study: Dalab forest of Ilam), University of Tehran, (Co-Supervised with Dr. Oladi), 100p.
5. Nourisadegh, AA. 2018. Wood Formation in Pure and Mixed Natural Stands of Hornbeam (*Carpinus betulus*) in the Hyrcanian Forests (Case Study: Kheyroudkenar Forest), University of Tehran, (Co-Supervised with Dr. Oladi).
6. Dalvand, M. 2017. A study on producing laminated veneer lumber (LVL) out of poplar wood and determining its physical and mechanical quality for its use in framing upholster furniture structure and preparing a model for behavior of critical joint in such structure by ANSYS software, University of Tehran, (Co-Supervised with Dr. Ebrahimi).
7. LashkarBoluki, E. 2015. Modeling of poplar wood applied characteristics for wood industries based on nondestructive tests, University of Tehran.
8. Mohammadi Achacheloyi, M. 2015. Conservation of historical relics made of Hardwoods in open air spaces against structural degradation due to photochemical weathering, Art University of Esfahan, (Co-Supervised with Dr. Ahmadi), 385p.
9. Nadi, M. 2015. Dendroclimatological reconstruction of dry periods during last two centuries in some forest sites of Iran. University of Tehran (Co-Supervised with Dr. Bazrafshan).
10. Abedini, R. 2014. Tension and Normal Wood formation in Poplar (*Populus alba*) at cell wall level. Joint PhD between University of Tehran and University of Montpellier II, (Co-Supervised with Prof. Clair) 185p.
11. Poursartip, L. 2012. Comparative investigation of Anatomical and Dendrochronological characteristics of *Q. macranthera* and *Q. castenifolia* in the Caspian Forests, Northern Iran. University of Tehran.
12. Se Golpayegani, A. 2011. Caracterisation du bois du Murier blanc (*Morus alba*) en reference a son utilization dans les luths Iraniens. Docteur de La' Universite Montpellier II, (Co-Supervised with Prof. Gril), 287p.
13. Oladi, R. 2010. Seasonal dynamics of wood formation in Oriental beech trees (*Fagus orientalis* Lipsky) along three elevations at the center of Hyrcanian Forests, Iran. University of Tehran, 137p.
14. Nosrati, B. 2010. Evaluation of cambial activity in seedlings of *Populus deltoides* by pinning method. PhD. Thesis, University of Tehran.
15. Afra, E. 2008. OCC pulp fractionation using pressure screen and assessment of produced paper properties. University of Tehran, (Co-Supervised with Prof. Resalati), 99p.

Teaching Courses

Undergraduate:

- Wood Identification
- Wood Anatomy & Identification
- Wood Mechanics
- Structural Analysis
- Wooden Structure Engineering Design
- Furniture Engineering Design

Graduate:

- Wood Quality & Site Conditions
- Wood in Archeology
- Dendrochronology and its applications

Membership in Scientific Society:

International Association of Wood Anatomist

Asian Dendrochronology Association

Iranian Scientific Association of Wood and Paper Science and Technology

PUBLICATION

ISI Journals and International Journals:

1. Arsalani, M., Griebinger, J., **Pourtahmasi, K.**, Bräuning, A. (2021): Multi-centennial reconstruction of drought events in South-Western Iran using tree rings of Mediterranean cypress (*Cupressus sempervirens* L.), *Palaeogeography, Palaeoclimatology, Palaeoecology*, 567,110296.
2. Mehramiz, S., Oladi, R., Efhamisisi, D., **Pourtahmasi, K.** (2021): Natural durability of the Iranian domestic bamboo (*Phyllostachys vivax*) against fungal decay and its chemical protection with propiconazole, *European Journal of Wood and Wood Products*, 79(2); 453-464.
3. Soltani, M., Pourtahmasi, K., Mohammadi, M. (2021): Checking the originality of tar musical instrument by using dendrochronology, *Scientific Culture*, 7(3); 1-12.
4. Foroozan, Z., Griebinger, J., **Pourtahmasi, K.**, Bräuning, A. (2020): 501 years of spring precipitation history for the semi-arid Northern Iran derived from tree-ring $\delta^{18}\text{O}$ data, *Atmosphere*, 11(9); 889.
5. Foroozan, Z., Griebinger, J., **Pourtahmasi, K.**, Bräuning, A. (2019): Evaluation of different pooling methods to establish a multi-century $\delta^{18}\text{O}$ chronology for paleoclimate reconstruction, *Geosciences*, 9(6); 270 (1-21).
6. Arsalani, M., Bräuning, A., **Pourtahmasi, K.**, Azizi, G., Mohammadi, H. (2018): Multiple tree-ring parameters of *Quercus brantii* Lindel in SW Iran show a strong potential for intra-annual climate reconstruction, *Trees - Structure and Function*, 32(6); 1531-1546.
7. Arsalani, M., **Pourtahmasi, K.**, Azizi, G., Bräuning, A., Mohammadi, H. (2018): Tree-ring based December–February precipitation reconstruction in the southern Zagros Mountains, Iran, *Dendrochronologia*, 49; 45-56.
8. Foroozan, Z., **Pourtahmasi, K.**, Bräuning, A. (2018): Climatic signals in stable carbon isotope ratios of Juniper and Oak tree rings from northern Iran, *Global and Planetary Change*, 165; 90-99.
9. Oladi, R., Elzami, E., **Pourtahmasi, K.**, Bräuning, A. (2017): Weather factors controlling growth of Oriental beech are on the turn over the growing season, *European Journal of Forest Research*, 136(2); 345-356.
10. Emaminasab, M., Tarmian, A., Oladi, R., **Pourtahmasi, K.**, Avramidis, S. (2017): Fluid permeability in poplar tension and normal wood in relation to ray and vessel properties, *Wood Science and Technology*, 51(2); 261-272.
11. Nadi, M., Bazrafshan, J., **Pourtahmasi, K.**, Bräuning, A. (2017): Tree-ring based reconstruction of the joint deficit index in Javan-Roud Region, Kermanshah (Iran), *International Journal of Climatology*, 37; 420-429.
12. **Pourtahmasi, K.**, Zhang, Q., Dawadi, B. (2017): Asian Dendrochronology Association (ADA) 2015, *Dendrochronologia*, 41; 1.
13. Speer, J.H., Bräuning, A., Zhang, Q.B., **Pourtahmasi, K.**, Gaire, N.P., Dawadi, B., Rana, P., Dhakal, Y.R., Acharya, R.H., Adhikari, D.L., Adhikari, Sh., Aryal, P. Ch., Bagale, D., Baniya, B., Bhandari, S., Dahal, N., Dahal, S., Ganbaatar, N., Giri, A., Gurung, D.B., Khandu, Y., Maharjan, B.,

- Maharjan, R., Malik, R.A., Nath, Ch.D., Nepal, B., Ngoma, J., Pant, R., Pathak, M.L., Paudel, H., Sharma, B., Hossain, Md.S., Soronzonbold, B., Swe, Th., Thapa, I., Tiwari, A. (2017): *Pinus roxburghii* stand dynamics at a heavily impacted site in Nepal: Research through an educational fieldweek. *Dendrochronologia* 41; 2-9.
14. Haghshenas, M., Mohadjer, M.R.M., Attarod, P., Pourtahmasi, K., Feldhaus, J., Sadeghi, S.M.M. (2016): Climate effect on tree-ring widths of *Fagus orientalis* in the Caspian forests, northern Iran, *Forest Science and Technology*, 12(4); 176-182.
 15. He, M.H., Yang, B., Wang, Z.Y., Bräuning, A., Pourtahmasi, K., Oladi, R. (2016): Climatic forcing of xylem formation in Qilian juniper on the northeastern Tibetan Plateau, *Trees*, 30(3); 923-933.
 16. Efhamisizi, D., Thevenon, M.F., Hamzeh, Y., Karimi, AN., Pizzi, A., Pourtahmasi, K. (2016): Induced tannin adhesive by boric acid addition and its effect on bonding quality and biological performance of poplar plywood, *ACS Sustainable Chemistry & Engineering*, 4(5); 2734-2740.
 17. Saadatnia, M., Enayati, A.A., Pourtahmasi, K., Moradian, M. (2016): Investigation on transversal variation of poplar tension wood quality using ultrasound wave parameters, *Wood Material Science and Engineering*, 11(4); 201-208.
 18. Emaminasab, M., Tarmian, A., Pourtahmasi, K., Avramidis, S. (2016): Improving the permeability of Douglas-fir (*Pseudotsuga menziesii*) containing compression wood by *Physisporinus vitreus* and *Xylaria longipes*, *International Wood Products Journal*, 7(3); 110-115.
 19. Se Golpayegani, A., Brémaud, I., Thévenon, M.F., Pourtahmasi, K., Gril, J. (2016): The effect of traditional hygro-thermal pretreatments on the acoustical characteristics of white mulberry wood (*Morus alba*), *Maderas: Ciencia y Tecnologia*, 17(4); 821-832.
 20. Emaminasab, M., Tarmian, A., Pourtahmasi, K. (2015): Permeability of poplar normal wood and tension wood bioincised by *Physisporinus vitreus* and *Xylaria longipes*, *International Biodeterioration and Biodegradation*, 105; 178-184.
 21. Foroozan, Z., Pourtahmasi, K., Bräuning, A. (2015): Stable oxygen isotopes in juniper and oak tree rings from northern Iran as indicators for site-specific and season-specific moisture variations, *Dendrochronologia*, 36(4); 33-39.
 22. Abedini, R., Clair, B., Pourtahmasi, K., Laurans, F., Arnould, O. (2015): Cell wall thickening in developing tension wood of artificially bent poplar trees, *IAWA Journal*, 36(1); 44-57.
 23. Se Golpayegani, A., Thévenon, M.F., Gril, J., Masson, E., Pourtahmasi, K. (2014): Toxicity potential in the extraneous compounds of white mulberry wood (*Morus alba*), *Maderas: Ciencia y Tecnologia*, 16(2); 227-238.
 24. Oladi, R., Bräuning, A., Pourtahmasi, K. (2014): "Plastic" and "static" behavior of vessel-anatomical features in Oriental beech (*Fagus orientalis* Lipsky) in view of xylem hydraulic conductivity, *Trees*, 28(2); 493-502.

25. Sadari, S.M., **Pourtahmasi, K.**, Oladi, R., Rathgeber, C.B.K. (2013): Wood formation in *Juniperus excelsa* ssp. *polycarpus* in the high mountains of North-East Iran, Journal of Tropical Forest Science, 25 (3); 421-428.
26. Se Golpayegani, A., Brémaud, I., Gril, J., Thevenon, M.F., Arnould O., **Pourtahmasi, K.** (2012): Effect of extractions on dynamic mechanical properties of white mulberry (*Morus alba*), Journal of Wood Science, 58; 153-162.
27. Efhami Sisi, D., Karimi, A.N., **Pourtahmasi, K.**, Taghiyari, H.R. (2012): The effects of agroforestry practices on fiber attributes in *Populus nigra* var. *betulifolia*, Trees, 26(2); 435-441.
28. **Pourtahmasi, K.**, Lotfiomran, N., Bräuning, A., Parsapajouh, D. (2011): Tree-ring width and vessel characteristics of *Fagus orientalis* along an altitudinal gradient in the Caspian Forests, northern Iran. IAWA Journal, 32 (4); 461-473.
29. Taghiyari, H.R., Efhami, D., Karimi, A.N., **Pourtahmasi, K.** (2011): Effect of initial spacing on gas permeability of *Populus nigra* var. *betulifolia*. Journal of Tropical Forest Science, 23 (3); 305-310.
30. Saadatnia, M. A., Brancheriau, L., Gallet, P., Enayati, A. A., **Pourtahmasi, K.**, Honarvar, F. (2011): Ultrasonic wave parameter changes during propagation through Poplar and Spruce reaction wood, Bioresources, 6 (2); 1172-1185.
31. Oladi, R., **Pourtahmasi, K.**, Eckstein, D., Bräuning, A. (2010): Seasonal dynamics of wood formation in Oriental beech (*Fagus orientalis* Lipsky) along an altitudinal gradient in the Hyrcanian forest, Iran, Trees, 25 (3); 425-433.
32. Taghiyari, H.R., Karimi Mazraeh Shahi, A.N., Parsapajouh, D., and **Pourtahmasi, K.** (2010): Study on the longitudinal gas permeability of juvenile and mature wood, Special Topics and Reviews in Porous Media 1(1); 31-38.
33. Efhami S., D., Karimi, A. N., **Pourtahmasi, K.**, Taghiyari, H. R., Asadi, F. (2010): The Effects of Agroforestry Practices on Vessel Properties in *Populus Nigra* Var. *Betulifolia*, IAWA, 31 (4); 481-487.
34. Mohamad Olfat, A., and **Pourtahmasi, K.** (2010): Anatomical characters in three oak species (*Q. libani*, *Q. brantii* and *Q. infectoria* from Iranian Zagros mountains)." Australian Journal of Basic and Applied Sciences 4(8); 3230-3237.
35. Karami, E., **Pourtahmasi, K.** and Shahverdi, M. (2010): Wood Anatomical Structure of *Morus alba* L. and *Morus nigra* L., Native to Iran, Not Sci Biol 2 (4); 129-132
36. Afra, E., Resalati, H., Olson, J. A., **Pourtahmasi, K.** (2009): Assessment of OCC pulp fractionation using fiber passage ratio model, APPITA Journal, 62 (5); 350-354.
37. Hatam, A., **Pourtahmasi, K.**, Resalati, H., Lohrasebi, A. (2008): Modeling hydrogen peroxide bleaching to predict optical properties of bleached hardwood CMP, Wood Science and Technology, 42 (5); 353-367.

38. Hamzeh, Y., Ekhtera, M. H., Hubbe, M. A., Izadyar, S., Pourtahmasi, K. (2008): Effects of process variables on poly-aluminum chloride (PAC)-rosin sizing performance under neutral papermaking conditions, *Industrial & Engineering Chemistry Research*, 47 (13); 4302-4307.
39. Pourtahmasi, K., Tarmian, A., and Mojarradi, M. (2007): Glued laminated panels as kitchen countertops. *Drvna Industrija* 58(1): 13-17.
40. Pourtahmasi, K., Parsapajouh, D., Bräuning, A., Esper, J., and Schweingruber, F.H. (2007): Climatic Analysis of Pointer Years in Tree-Ring Chronologies from Northern Iran and Neighboring High Mountain Areas. *Geokodnamik* 1, 2(28); 27-42.

Papers in Iranian Journals (in Farsi):

1. Moezzi-pour, A., Pourtahmasi, K., Moteszare-zadeh, B., Oladi, R., Ramazani Saadatabadi, A. (2020) Effect of irrigation with municipal landfill leachate on the chemicals content of the tree shoots of Populous (*Populus deltoides*) and Fraxinus (*Fraxinus excelsior*), *Iranian Journal of Forest*, 11(4); 459-475.
2. Ebrahimi, S.S., Pourbabaei, H., Pourtahmasi, K., (2019): Comparison of natural regeneration and radial growth variations of trees in the harvested and unharvested beech stands, Case study: Asalem forest, *Iranian Journal of Forest*, 11(2); 221-238.
3. Mehrani, S., Azarnivand, H., Pourtahmasi, K., Salami, S.A., (2019): Comprehensive evaluation of native hemp populations using wood anatomy and stem fiber biometry characteristics towards producing fibers, *Journal of Forest and Wood Product*, 72(2); 135-145.
4. Dalvand, M., Ebrahimi, Gh., Pourtahmasi, K., (2018): Investigation of the relations between screw diameter and pilot hole diameter with withdrawal resistance in LVL for establishing regression model, *Iranian Journal of Wood and Paper Industries*, 8(4); 549-561.
5. Hosseini Someah, M., Azadi Boyaghchy, M., Pourtahmasi, K., (2017): A review of the properties of fibers of the Seljuk and Timurid papers using instrumental techniques for identifying their fibers, *Honar-ha-ye-Ziba-Honar-ha-ye Tajassomi*, 22(2); 67-76.
6. Dalvand, M., Ebrahimi, Gh., Pourtahmasi, K., (2017): Investigation on the withdrawal capacity of staple fastener in the upholstered furniture frame made of LVL, *Iranian Journal of Wood and Paper Science Research*, 32(2); 171-180.
7. Rostampour Haftkhani, A., Layeghi, M., Ebrahimi, Gh., Pourtahmasi, K. (2017): Evaluation of bending performance of cross laminated timber (CLT) made out of poplar (*Populus alba*), *Iranian Journal of Wood and Paper Industries*, 8(1); 67-78.
8. Efhamisizi, D., Karimi, A.N., Pourtahmasi, K., Asadi, F. (2016): The relationships between fiber dimensions and growth rate in *Populus nigra*,

Journal of Wood and Forest Science and Technology, 23(Special Issue); 169–184.

9. Nadi, M., **Pourtahmasi, K.** (2016): Tree Ring Based Precipitation Reconstruction of Northeast Iran Using Juniper Tree Chronology of Lain Region, *Geography and Environmental Hazards*, 5(19); 1-16.
10. Ghasemnezhad, M., Hosseinzadeh, S.R., **Pourtahmasi, K.**, Sharifikia, M. (2016): Reconstruction of past flood events in the Neka River- North of Iran, using Dendrogeomorphology, *Geography and Environmental Hazards*, 5(19); 151-174.
11. Nadi, M., **Pourtahmasi, K.**, Bazrafshan, J., Bräuning, A. (2016): Two century tree ring reconstruction of drought using Multivariate Standardized Precipitation Index (MSPI) in Javanroud-Kermanshah region, *Journal of Soil and Water Conservation*, 22(6); 99-116.
12. Lashkarbolouki, E., **Pourtahmasi, K.**, Oladi, R., Kalagari, M., Alizadeh, H. (2016): Recognition and rating of effecting indexes on the consumption of pulp and paper industry production from different poplar plantation sites in Iran, *Iranian Journal of Wood and Paper Industries*, 7(3); 425-436.
13. Nadi, M., Bazrafshan, J., **Pourtahmasi, K.**, Bräuning, A. (2016): Two Hundred Year Based Tree-ring Reconstruction of Maximum Temperature Koliak, Nowshahr, *Iranian Journal of Soil and Water Research*, 46(4); 641-652.
14. Efhamisisi, D., Thevenon, M.F., Hamzeh, Y., Karimi, AN., Pizzi, A., **Pourtahmasi, K.** (2015): Accelerated Autocondensation of Quebracho Tannin Wood Adhesive by Boric Acid, *Iranian Journal of Forest and Wood Products*, 68(1); 149-160.
15. Saadati, A., **Pourtahmasi, K.**, Salami, S.A., Oladi, R. (2015): Xylem and Bast fiber properties of six Iranian Hemp population, *Iranian Journal of Forest and Wood Products*, 68 (1); 121-132.
16. Nadi, M., Bazrafshan, J., **Pourtahmasi, K.**, Najafi Harsini, F. (2015): Relationship between oak's tree-ring width and climatic indices (in regional and global scales) in Javanroud region, Kermanshah, *Journal of Soil and Water Conservation*, 22(3); 57-71.
17. Lashkarbolouki, E., **Pourtahmasi, K.**, Oladi, R., Kalagari, M. (2015): Evaluation of Surface Sampling Method for Estimating Wood Quality (Fiber Length and Density) in Standing Poplar Trees, *Journal of Forest and Wood Product*, 68(3); 503-515.
18. Oladi, R., Nasiriani, S., Danekar, A., **Pourtahmasi, K.** (2015): Inter-relations between tree-ring width and vessel features in black alder (*Alnus glutinosa*), *Iranian Journal of Wood and Paper Science Research*, 30(2); 278-288.
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2. **Pourtahmasi, K., Bräuning, A., Eckstein, D., (2015):** Relationship between Tree ring width and anatomical Characteristics of *Quercus macranthera* in three sites of Caspian Forests, North part of Iran. The 4th International Asian Dendrochronology Conference on Climate Change and Tree Ring, Kathmandu, March 9-12.
3. **Bräuning, A., and Pourtahmasi, K. (2015):** Beech Tree-Ring Width and Climate relationship from West to East of Caspian Forests, Northern Iran. The 4th International Asian Dendrochronology Conference on Climate Change and Tree Ring, Kathmandu, March 9-12.
4. **Pourtahmasi, K., Elzami, E., Nasiri, S., Oladi, R., Bräuning, A., Nadi, M. (2015):** The effect of intra-annual changes in rainfall pattern on wood formation of beech and oak in Caspian forests, Iran, Eurodendro2015, International Scientific Conference on Dendrochronology, Antalya, Turkey, 18-23 October, p65.
5. **Namvar, S., Pourtahmasi, K., Oladi, R. (2015):** Climatic signals in tree-ring widths of *Juniperus polycarpus* in the Bozdaghi Mountains of northeast Iran, The 4th International Conference of Asian Dendrochronology Association, Kathmandu, Nepal, 9-12 March, p129.
6. **Pourtahmasi, K. (2014):** Using and Comparing Two Vibration Methods in Determining the Acoustical Properties of White Mulberry Wood (*Morus alba* L.)." 4th international Conference on Acoustics and Vibration, Tehran, December 10-11.
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9. **Bräuning, A., Pourtahmasi, K. (2013):** Status and Perspectives of Tree-Ring Sciences in Iran. The 3rd International Conference of Asian Dendrochronology Association, Tehran, Iran, 11-14 April, p13.
10. **Nadi, M., Bazrafshan, J., Pourtahmasi, K., (2013):** Determination of the most effective climatic variables on tree growth of Oak and Juniper trees based on local and global meteorological data sets in Chaharbagh Gorgan of Iran. The 3rd International Conference of Asian Dendrochronology Association (ADA2013), Tehran, April 11-14.
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34. **Poursartip, L., Pourtahmasi, K., Bräuning, A. and Parsapajouh, D. (2006):** Different growth-climate responses of oak and juniper trees in different exposure of the Elburz Mountains of Iran. 7th International Conference on Dendrochronology, Beijing, China, June 11-17. p106.
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1. **Pourtahmasi, K., Oladi, R., (2012):** Evaluation of Climate-Radial growth relationships in Beech Trees using point Dendrometer. The 3rd international conference on climate change and Dendrochronology, Sari, May 16-18.
2. **Saderi, S.M., Khajealdin, S.J., Nasiri, S., and Pourtahmasi, K. (2012):** Study on Tree rings of *Astragalus adscondens* in Chehelgard and Faridan in order to see their potential for Dendrochronology. The 3rd international conference on climate change and Dendrochronology, Sari, May 16-18.
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