

**SÜLEYMAN DEMİREL ÜNİVERSİTESİ, ORMAN FAKÜLTESİ,
ORMAN ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ AKADEMİK YAYIN BİLGİLERİ
(1985-2012)**

SCI, SSCI ve AHCI tarafından taranan dergilerde yayımlanan teknik not, editöre mektup, tartışma, vaka takdimi ve özet türünden yayınlar dışındaki makale

- Akgul M, Guler C, Uner B. 2010."Opportunities in utilization of agricultural residues in bio-composite production: Corn stalk (*Zea mays indurata* Sturt) and oak wood (*Quercus Robur* L.) fiber in medium density fiberboard" *African J. Biotechnol.*9(32)5090-5098.
- Aktaş A. H., Yaşar S. (2004), Potentiometric Titration of some Hydroxylated Benzoic Acids and Cinnamic Acids by Artificial Neural Network Calibration. *Acta. Chim. Slov.* 51: 273-282
- Aydemir, D., Gunduz, G., Altuntas, E., Ertas, M., Sahin, H.T., Alma, M.H. 'Investigating Changes in the Chemical Constituents and Dimensional Stability of Heat-treated Hornbeam and Uludag Fir Wood' *BIORESOURCES*, 6 (2): 1308-1321, 2011
- B.Uner, O.L. Altıntaş, A.A.Var, O.Oyar. 2009. Thinning Effect on Density of *Pinus nigra* Arnold.: Computed Tomography Application. *J Env. Biol.* 30(2/3),359-362.
- Basturk, M.A., and Guntekin, E. 2009. Effects of chitosan treatments on some particleboard properties. *Wood Research*, 54(4): 91-98
- Cengiz, M., Dincturk, O.D., Sahin, H.T. Fractional extraction and structural characterization of opium poppy and cotton stalks hemicelluloses, *PHARMACOGNOSY MAGAZINE*, 6 (24): 315-319, 2010
- Derya Sevim Korkut and Bilgin Guller.The effects of heat treatment on physical properties and surface roughness of red-bud maple (*Acer trautvetteri* Medw.) wood, *BIORESOURCE TECHNOLOGY*, 99 (2008) 2846-2851.
- Dundar, T., Ayırmis, N., Candan, Z., Sahin, H.T.Dimensional stability of fire-retardant treated laminated veneer lumber. *FOREST PRODUCTS JOURNAL*, 59(11/12):18-23, 2009
- Eroğlu A., Sütçü A. ve Sulak H., 2008. Rassal Olarak Kusurlu Üretim Yapan Üretim Süreçleri İçin Ekonomik Üretim Miktarı Modeli, *Gazi Üniversitesi Müh.Mim.Fak.Der.*, Cilt:23, No:4, 923-929
- Fakir, H., Yaşar, S., Erbaş, S., (2010), Essential Oil Composition of *Stachys antalyensis* Y. Ayasligil and P.H. Davis Described Endemic Species from Turkey. *Asian J. Chem.* 22(1): 527-530
- Göktürk-Baydar, N., Özkan, G. and Yaşar, S. (2007). Evaluation of the antiradical and antioxidant potential of grape extracts. *Food Control.* 18:1131-1136.
- Guller B., Isik K. Cetinay,S. 2012 Variations in the radial growth and wood density components in relation to cambial age in 30-year-old *Pinus brutia* Ten. at two test sites, *Trees - Structure and Function*, Springer
- Guller, B. 2012. Effects of heat treatment on density, dimensional stability and color of *Pinus nigra* wood, *African Journal of Biotechnology* Vol. 11(9), pp. 2204-2209, 31 january, 2012 Available online at <http://www.academicjournals.org/AJB>
- Guller, B., Isik, K., Cetinay, S. (2011) Genetic Variation in *Pinus brutia* Ten.:Wood Density Traits, *BioResources* 6(4):4012-4027
- Guller, B.2007.The effects of thinning treatments on density, MOE, MOR and maximum crushing strength of *Pinus brutia* Ten. wood.". *ANNALS OF FOREST SCIENCE*, Cilt: 64, No: 4, Sf: 467-475

- Guntekin, E. 2009. Performance Of Turkish Calabrian Pine (*Pinus Brutia* Ten.) Timber Joints Constructed With Metal Plate Connectors. *Wood Research*: 54(3):99-108
- Guntekin, E. and Sahin, H.T. 2009. Accelerated Weathering Performance of Cement Bonded Fiberboard. *Scientific Research and Essays*. Vol. 4. (5):484-492.
- Guntekin, E., Uner, B., and Karakus, B. 2009. Chemical composition of tomato (*Solanum lycopersicum*) stalk and suitability in the particleboard production. *Journal of Environmental Biology*. 30(5):731-734
- Güller, B., Yaşar, S., (2010), Estimation of *Pinus brutia* Ten. wood density from Fourier Transform Infrared (FTIR) spectroscopic bands by Artificial Neural Network (ANN), *Sci. Res. Essays*,5(13):1765-1769.
- Güller, B., Yasar, S. (2010). Estimation of *Pinus brutia* Ten. wood density from Fourier Transform Infrared (FTIR) spectroscopic bands by Artificial Neural Network (ANN), *Scientific Research and Essays* Vol. 5 (13), pp. 1765-1769, 4 July, 2010, ISSN 1992-2248
- Guntekin, E. 2007. Bending Moment Capacity of MPC Wood-Splice Joints Constructed with Red Pine (*Pinus brutia* Ten.) Lumber. *Tubitak Journal of Agriculture and Forestry*. 31 (2007): 207-212.
- Guntekin, E. and Karakus, B. 2008. Feasibility of using eggplant (*Solanum melongena*) stalks in the production of experimental particleboard. *Industrial Crops and Products*, 27:354-358
- Guntekin, E., Uner B., Karakus, B. 2009. The chemical composition of tomato (*Solanum lycopersicum*) stalks and their suitability in the particleboard production. *J Env. Biol*, 30(4/5).
- Idarraga G, Ramos J, Zuniga V, Sahin T, Young RA, 'Pulp and paper from blue agave waste from tequila production' *JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY* 47 (10): 4450-4455 OCT 1999
- Korkmaz, M., Fakir, H., Guller, B., (2011). Consumer preferences for medicinal and aromatic plant products: Surveys of urban consumer and sellers in Western Mediterranean Region of Turkey. *Journal of Medicinal Plants Research*, Vol 5(10): 2054-2063.
- Korkut, S., Guller, B., Aytin, A., Kok, M.S., 2009 Turkey's Native Wood Species: Physical and Mechanical Characterization and Surface Roughness of Rowan (*Sorbus aucuparia* L.), *Wood Research*, 54(2), 19-30
- Korkut, S., Güller, B. Comparison of two drying schedules for European Hophornbeam (*Ostrya carpinifolia* Scop.) lumber, *Drying Tech*, Volume 25, Issue 12 December 2007 , pages 1977 - 1984
- Korkut, S., Güller, B. Physical and Mechanical Properties of European Hophornbeam (*Ostrya carpinifolia* Scop.) Wood, *Bioresource Technology* ,99 (2008), p.4780-4785.
- Sahin H.T. 'Application of RF Argon Plasma to Enhance Hydrophobic Properties of Fluoropolymer Pre-deposited Paper' *JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY*, 25(6-7): 685-697, 2011
- Sahin H.T. 'Evaluation of paper two sidedness with SEM/AFM microscope technique' *WOOD RESEARCH*, 56 (2): 203-212, 2011
- Sahin H.T. 'Experimental determination of the anisotropic swelling and water sorption properties of chestnut wood ' *WOOD RESEARCH*, 55 (1): 33-40, 2010
- Sahin H.T., Arslan, M.B., Korkut, S., Sahin, C. 'Colour Changes of Heat-Treated Woods of Red-Bud Maple, European Hophornbeam and Oak' *COLOR RESEARCH AND APPLICATION*, 36(6): 462-466, 2011
- Sahin H.T., Arslan, M.B. 'Weathering performance of particleboards manufactured from blends of forest residues with Red pine (*Pinus brutia*) wood', *MADERAS: CIENCIA Y TECNOLOGIA* 13(3): 337-346, 2011
- Sahin H.T., Mantanis, G.I. 'Colour Changes in Wood Surfaces Modified by a Nanoparticulate Based Treatment' *WOOD RESEARCH* 56: (4), 525-532, 2011
- Sahin H.T., Mantanis, G.I. 'Nano-based Surface Treatment Effects on Swelling, Water Sorption and Hardness of Wood', *MADERAS: CIENCIA Y TECNOLOGIA* 13(1): 41-48, 2011

- Sahin H.T., 'Properties of Jute Pulps prepared from Ethanol-Water Pulping Process', RESEARCH JOURNAL OF CHEMISTRY AND ENVIRONMENT 16(1): 40-43, 2012
- Sahin HT, 'Base-catalyzed organosolv pulping of jute' JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY 78 (12): 1267-1273 DEC 2003
- Sahin HT, Manolache S, Young RA, Denes, F., 'Surface Fluorination of Paper in CF₄-RF Plasma Environment' CELLULOSE 9 (2): 171-181 JUN 2002
- Sahin HT, 'Pyrrole thin films deposited on paper by pulsed RF plasma' CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, 5 (3): 824-834,2007
- Sahin HT, 'RF-CF₄ plasma surface modification of paper; Chemical evaluation of two sidedness with XPS/ATR-FTIR' APPLIED SURFACE SCIENCE, 253 (9): 4367-4373, 2007
- Sahin HT, 'The use of Arrhenious kinetic model to predict activation energies in hardwood-water systems', SURFACE REVIEW AND LETTERS, 14 (5): 999-1005, 2007
- Sahin, H.T. ' RF-Argon plasma induced surface modification of paper', SURFACE REVIEW AND LETTERS, 15 (4): 503-508, 2008.
- Sahin, H.T. Application of various solvent-type alkyd resins to pine and cedar woods for achieving water repellence', PIGMENT & RESIN TECHNOLOGY, 37 (6): 395-401,2008
- Sahin, H.T. 'RF-O₂ Plasma surface modification of kraft lignin derived from wood pulping', WOOD RESEARCH, 54 (1): 103-112,2009
- Sahin, H.T. 'Wood-Water Interactions as Affected by Chemical Constituents of Woods', ASIAN JOURNAL OF CHEMISTRY, 20 (4): 3267-3276, 2008.
- Sahin, H.T., Arslan, M.B. 'A Study on Physical and Chemical Properties of Cellulose Paper Immersed in Various Solvent Mixtures' INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 9 (1):78-88, 2008.
- Sahin, H.T., Young, R.A. 'Auto-catalyzed Acetic Acid Pulping of Jute' INDUSTRIAL CROPS AND PRODUCTS, 28 (1): 24-28, 2008.
- Sahin, H.T., Young, R.A. 'Surface Sulfonation of Paper in SO₂+O₂ Plasmas - Hypotheses on Reaction Mechanisms' SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, 15 (1): 79-86, 2008.
- Sutcu, A. Tanritanir, E. Durmusoglu, B. Koruca, H.I., 2011. An integrated methodology for layout design and work organisation in a furniture manufacturing plant, South African Journal of Industrial Engineering, Vol 22 Issue 1, pp.183-197
- Tumen, I, Aydemir, D., Gunduz, G., Uner, B., and Cetin, H. (2010). "Changes in the chemical structure of thermally treated wood", BioRes. 5(3), 1936-1944.
- Uner B. 2009. "The effect of support media on corona treated paper sorption properties" SCI. RES. ESSAYS, 4(10), 1024-1030.
- Uner, B., Karaman, İ., Tanriverdi, H., Özdemir, D. 2009. Prediction of Lignin and Extractive Content of Pinus nigra Arnold. var. Pallasiana Tree using Near Infrared Spectroscopy and Multivariate Calibration, J. Wood Chem. Technol. 29(1), 24-42.
- Uner, B., Ramasubramanian, M.K., Zauscher, S., Kadla, J.F. 2006. "Adhesion Interactions between Poly(vinyl alcohol) and Iron Oxide Surfaces: The Effect of Acetylation" J.Appl. Poly. Sci. 99, 3528-3534.
- UNER, B.; OYAR, O.; VAR, A.A.; ALTINTAŞ, Ö.L., 2009. Thinning Effect on Density of Pinus Nigra Tree Using X-ray Computed Tomography, Journal Environmental Biology, May 2009, 30(3),359-362.
- Üner B, Karaman İ, Tanriverdi H, Özdemir D;2011. Determination of Lignin and Extractive Content of Turkish Pine (Pinus brutia Ten.) Trees using Near Infrared Spectroscopy and Multivariate Calibration, Wood Sci. Tech.45(1)121-134.
- Yasar, S., Guntekin, E., Cengiz, M. and Tanriverdi, H. 2010. The correlation of chemical characteristics and UFResin ratios to physical and mechanical properties of particleboard manufactured from vine prunings. Scientific Research and Essays Vol. 5(8), pp. 737-741

- Yaşar S. (2005), Spectrophotometric Determination of Hexose and Pentose Amounts by Artificial Neural Network Calibration and Its Using in Wood Analysis. *Acta. Chim. Slov.* 52: 435-439
- Yaşar, S., (2010), Fourier Transform Infrared Spectroscopic Estimation of Residual Lignin Content in Wood Holocellulose (*Pinus brutia* Ten.) Using Artificial Neural Network Modelling. *Asian J. Chem.* 22(4): 2853-2860
- Yaşar, S., Cengiz, M., (2010), Artificial Neural Network Estimation of Lignocellulosic Material Acidity. *Asian J. Chem.* 22(4): 2879-2886
- Yaşar, S., Fakir, H., Erbaş, S., (2010), Gas Chromatographic (GC-MS) Analysis of Essential Oil of *Phlomis armeniaca* Willd. from Mediterranean Region in Turkey. *Asian J. Chem.* 22(4): 2887-2890
- Yaşar, S., Güntekin, E., Cengiz, M., Tanrıverdi, H. (2010), The correlation of chemical characteristics and UF-Resin ratios to physical and mechanical properties of particleboard manufactured from vine prunings, *Sci. Res. Essays*, 5(8): 737-741.