

## СПИСЪК НА ЦИТИРАНИЯТА

на гл. ас. д-р Валентин Атанасов Атанасов

представени за участие в конкурс за заемане на академичната длъжност „доцент“ към катедра „Дървообработващи машини, област на висше образование 6. Аграрни науки и ветеринарна медицина, професионално направление 6.5. Горско стопанство, научна специалност „Машини и съоръжения за горското стопанство, дърводобива, дървообработващата и мебелната промишленост“, по дисциплината „Дървообработващи машини“, обявен в Държавен вестник, бр. 102/08.12.2023 г. и на интернет страницата на Лесотехническият университет на 30.11.2023 г.  
Код на процедурата: WWI-AsP-1123-116

### **Д.13. Цитирания или рецензии в научни издания, реферирани и индексирани в световноизвестни бази данни с научна информация или в монографии и колективни томове – 13 бр. в т.ч.**

**Д.13.1. Atanasov, V.** 2021. Experimental research of the cutting force during longitudinal milling of solid wood and wood-based composites. *Acta Facultatis Xylogologiae Zvolen.* 63(2), ISSN 1336-3824, pp 73-84. DOI: 10.17423/afx.2021.63.2.06 ISSN 1336-3824. (Web of Science; SCOPUS)

#### **Цитирана в:**

**Д.13.1.1.** Orłowski, K., Chuchala, Ch, Sinn, G. 2022. Analyses of Shear Angle in Orthogonal Cutting of Pine Wood. *Drvna Industrija* 73(3). pp 309-315. DOI: 10.5552/drvind.2022.0022 (Web of Science, SCOPUS) (<https://hrcak.srce.hr/file/406552>)

**Д.13.1.2.** Hitka, M., Lorincova, S., Kajanova, J., Strachon, P., Sydor, M. 2023. Price calculation of wooden bariatric beds. *Central European Forestry Journal.* 69 (2023) pp 112–119. DOI: 10.2478/forj-2023-0002 ([https://web.nlcsk.org/wp-content/uploads/2023/05/Hitka\\_etal.pdf](https://web.nlcsk.org/wp-content/uploads/2023/05/Hitka_etal.pdf))

**Д.13.2. Atanasov, V.,** Kovatchev, G. 2019. Determination of the Cutting Power during Milling of Wood-Based Materials, *Acta Facultatis Xylogologiae Zvolen.* 61, Iss. 1, pp. 93-101 DOI: 10.17423/afx.2019.61.1.09 ISSN 1336-3824. (Web of Science; SCOPUS)

#### **Цитирана в:**

**Д.13.2.1.** Kminiak, R., Kucerka, M., Kristak, L., Reh, R., Antov, P., Ockajova, A., Rogozinski, T., Pedzik, M. 2021. Granulometric Characterization of Wood Dust Emission from CNC Machining of Natural Wood and Medium Density Fiberboard, *Forests.* Volume 12 – Issue 8 /1039/ (August 2021). ISSN 1999 – 4907. (Web of Science, SCOPUS) (<https://www.mdpi.com/1999-4907/12/8/1039>)

**Д.13.2.2.** Chuchala, D., Orłowski, K., Sinn, G., Konopka, A. 2021. Comparison of the fracture toughness of pine wood determined on the basis of orthogonal linear cutting and frame sawing. *Acta Facultatis Xylogologiae, Zvolen.* 63(1) ISSN 1336-3824. pp 75-83. DOI: 10.17423/afx.2021.63.1.07 (Web of Science, SCOPUS) ([https://df.tuzvo.sk/sites/default/files/07-01-21\\_0\\_0\\_0\\_0\\_0.pdf](https://df.tuzvo.sk/sites/default/files/07-01-21_0_0_0_0_0.pdf))

**Д.13.2.3.** Pinkowski, Gr., Szymański, W., Piernik, M., Krauss, An. 2021. Medium-density Fibreboard Milling Using Selected Technological Parameters, *BioResources* 16(1). pp 558-571. DOI: 10.15376/biores.16.1.558-571 (Web of Science, SCOPUS) ([https://bioresources.cnr.ncsu.edu/wp-content/uploads/2020/11/BioRes\\_16\\_1\\_558\\_Pinkowski\\_SPK\\_MDF\\_Milling\\_Selected\\_Technol\\_Parameters\\_18008.pdf](https://bioresources.cnr.ncsu.edu/wp-content/uploads/2020/11/BioRes_16_1_558_Pinkowski_SPK_MDF_Milling_Selected_Technol_Parameters_18008.pdf))

**Д.13.2.4.** Orłowski, K., Chuchala, Ch, Sinn, G. 2022. Analyses of Shear Angle in Orthogonal Cutting of Pine Wood. *Drvna Industrija* 73(3). Pp 309-315. DOI: 10.5552/drvind.2022.0022 (Web of Science, SCOPUS) (<https://hrcak.srce.hr/file/406552>)

**Д13.3.** Kovatchev, G., **Atanasov, V.** 2018. Determination of vibration during milling process of some deciduous wood species, Hardwood Conference - Volume 8, ISBN 978-963-359-096-6, ISSN 2631-004X, pp 112-113 (Web of Science)

**Цитирана в:**

**Д.13.3.1.** Vitchev, P., Gochev, Zh., Vukov, G. 2020. Influence of Some Factors on the Vibrations Generated by Woodworking Spindle Moulder Machine when Processing Specimens from Beech Wood. Acta Facultatis Xylogiae Zvolen. 62(2). ISSN 1336-3824. pp 99-107. DOI: 10.17423/afx.2020.62.2.09 (Web of Science; SCOPUS) ([https://df.tuzvo.sk/sites/default/files/09-02-20\\_0.pdf](https://df.tuzvo.sk/sites/default/files/09-02-20_0.pdf))

**Д13.4.** Kovatchev, G., **Atanasov, V.** 2018. Determination of Vibration during Longitudinal Milling of Meranti and Oak Wood, 29th International Conference on Wood Science and Technology - ICWST 2018. pp 109-115. ISBN: 978-953-292-059-8 (SCOPUS)

**Цитирана в:**

**Д.13.4.1.** Vitchev, P., Gochev, Zh., Vukov, G. 2020. Influence of Some Factors on the Vibrations Generated by Woodworking Spindle Moulder Machine when Processing Specimens from Beech Wood. Acta Facultatis Xylogiae Zvolen. 62(2). ISSN 1336-3824. pp 99-107. DOI: 10.17423/afx.2020.62.2.09 (Web of Science; SCOPUS) ([https://df.tuzvo.sk/sites/default/files/09-02-20\\_0.pdf](https://df.tuzvo.sk/sites/default/files/09-02-20_0.pdf))

**Д13.5.** Vitchev, P., Gochev, Zh., **Atanasov, V.** 2018. Influence of the cutting mode on the surface quality during milling of articles from beech wood. Chip and Chipless Woodworking Processes 2018. ISSN 1339-8350 (online), ISSN 2453-904X (print). pp 183-190.

**Цитирана в:**

**Д.13.5.1.** Angelski, D., Kavalov, A. 2019. Comparative Researches of the Effect of Deformation Smoothing of Veneer Furniture Boards through Lapping via Three Type of Different Working Tools. 30<sup>th</sup> International Conference on Wood Science and Technology - ICWST 2019 “IMPLEMENTATION OF WOOD SCIENCE IN WOODWORKING SECTOR” & 70th Anniversary of Drvna industrija Journal, Zagreb, 12th – 13th December 2019. pp 12-17 (SCOPUS)

**Д13.6.** **Atanasov, V.**, Gochev, Zh., Vukov, G., Vitchev, P., Kovatchev, G. 2018. Influence of some factors on the cutting force in milling of solid wood. Chip and Chipless Woodworking Processes 2018. ISSN 1339-8350 (online), ISSN 2453-904X (print). pp 9-15.

**Цитирана в:**

**Д.13.6.1.** Radkova, I, Petrova, Z. 2020. Automation of Technological Operations in the Manufacture of Wooden Toys. Scientific Journal Innovation in Woodworking Industry and Engineering Design. 1/2020 (17). ISSN: 1314-6149, e-ISSN: 2367-6663. pp 68-74. (Web Of Science)

**Д13.7.** Gochev, Zh., Vukov, G., **Atanasov, V.**, Vitchev, P., Kovatchev, K. 2018. Factors influencing the cutting power in longitudinal milling of solid wood. Annals Warsaw University of Life Sciences, Forestry and Wood Technology No 102. ISSN 1898-5912. pp 103-111.

**Д.13.7.1.** Lukasz, W., Wojtkowiak, D., Kukla, M., Talaska, K. 2022. Modelling the process of splitting wood and chipless cutting *Pinus sylvestris* L. wood in terms of designing the geometry of the tools and the driving force of the machine. European Journal of Wood and Wood Products. Springer Verlag. ISSN: 1436736X. 00183768. <https://doi.org/10.1007/s00107-022-01878-4>. (Web of Science, SCOPUS)

**Д13.8.** **Atanasov V.**, Kovatchev, G. 2018. Determination of the cutting power in processing some deciduous wood species, Hardwood Conference - Volume 8, ISBN 978-963-359-096-6, ISSN 2631-004X, pp 53-54 (Web of Science)

**Цитирана в:**

**Д.13.8.1.** Petkov, T., Mihailov, Vl. 2020. Influence of the Applied Pressure on Finger Joined End-to-End Wood. Scientific Journal Innovation in Woodworking Industry and Engineering Design. 1/2020 (17). ISSN: 1314-6149, e-ISSN: 2367-6663. pp 16-20. (Web Of Science)

**Д13.9.** Vlasev, V., Kovatchev, G., **Atanasov, V.** 2019. Mechanism for Belt Sanding Machines with a Fixed Bearing of the Sanding Belt and Eccentric Tension. 30<sup>th</sup> International Conference on Wood Science and Technology - ICWST 2019. pp 221-224. ISBN: 978-953-292-059-8. (SCOPUS)

**Цитирана в:**

**Д.13.9.1.** Sydor, M., Mirski, R., Stuper-Szablewska, K., Rogozinski, T. 2021. Efficiency of Machine Sanding of Wood. Applied Sciences, Volume 11 – Issue 6 /2860/ March 2 2021, ISSN 2076 – 3417 (Web of Science, SCOPUS) (<https://www.mdpi.com/2076-3417/11/6/2860>)

**Д.14. Цитирания в монографии и колективни токове с научно рецензиране – 3 бр. в т.ч.**

**Д14.1.** Kovatchev, G., **Atanasov, V.** 2018. Determination of vibration during milling process of some deciduous wood species, Hardwood Conference - Volume 8, ISBN 978-963-359-096-6, ISSN 2631-004X, pp 112-113 (Web of Science)

**Цитирана в:**

**Д.14.1.1.** Вичев, П. 2020. Акустични характеристики на дървообработващи машини за обработване чрез рязане. Издателство Авангард Прима. ISBN 978-619-239-428-8. 192 стр.

**Д14.2.** Kovatchev, G., **Atanasov, V.** 2018. Determination of Vibration during Longitudinal Milling of Meranti and Oak Wood, 29<sup>th</sup> International Conference on Wood Science and Technology - ICWST 2018. pp 109-115. ISBN: 978-953-292-059-8 (SCOPUS)

**Цитирана в:**

**Д.14.2.1.** Вичев, П. 2020. Акустични характеристики на дървообработващи машини за обработване чрез рязане. Издателство Авангард Прима. ISBN 978-619-239-428-8. 192 стр.

**Д14.3. Атанасов, В.** 2014. Изследване експлоатационните показатели на мобилни хоризонтални банцизи. Дисертационен труд за получаване на ОНС „доктор“. ЛТУ – София. 192 стр.

**Цитирана в:**

**Д.14.3.1.** Гочев, Ж., 2017. Подготовка и поддържане на лентови триони за разкрояване на обла дървесина. Издателство Полиграфюг АД. ISBN 978-619-7240-47-4. 200 стр.

**Д.15. Цитирания в неререферирани списания с научно рецензиране – 11 бр. в т.ч.**

**Д15.1. Atanasov V.,** Kovatchev, G. 2018. Determination of the cutting power in processing some deciduous wood species, Hardwood Conference - Volume 8, ISBN 978-963-359-096-6, ISSN 2631-004X, pp 53-54 (Web of Science)

**Цитирана в:**

**Д.15.1.1.** Петков Т., Михайлов, В. 2019. Изследване на олекотени греди изработени от дървесина с двоен Т профил – I Veams. Управление и устойчиво развитие. София. ISSN 1311-4506. 6/2019 (79). сс. 105-110 (НАЦИД)

**Д15.2. Atanasov, V.,** Gochev, Zh., Vukov, G., Vitchev, P., Kovatchev, G. 2018. Influence of some factors on the cutting force in milling of solid wood. Chip and Chipless Woodworking Processes 2018. ISSN 1339-8350 (online), ISSN 2453-904X (print). pp 9-15.

**Цитирана в:**

**Д.15.2.1.** Merdzhanov, V., Mihailov, V., Petkov, T. 2022. Comparative Indicators of Lightweight Structural Elements of Wooden Prefabricated Buildings. Proceedings of Eleventh International Scientific and Technical Conference Innovations in Forest Industry and Engineering Design. ISBN: 978-619-7703-01-6. 3-5 October. pp 41–48

**Д.15.2.2.** Радкова, И. 2019. Използване на програмируеми логически контролери в автоматизирани мехатронни системи при производство на детски играчки от масивна дървесина. KNOWLEDGE – International journal. Scientific Papers. Vol. 35. 3. Skopje. ISSN 2545 – 4439(p). ISSN 1857 –923X(e), pp 1039 ÷ 1044

**Д15.3.** Gochev, Zh., Vukov, G., **Atanasov, V.**, Vitchev, P. 2018. Study on the Power – Energetic Indicators of a Universal Milling Machine. Scientific journal Innovations in Woodworking Industry and Engineering Design.. ISSN 1314-6149, e-ISSN 2367-6663. 1/2018. pp 18-24 (Web of Science)

**Цитирана в:**

**Д.15.3.1.** Rajko, L., Koleda, P. 2022. EFFECT OF HYDROTHERMAL TREATMENT ON SURFACE QUALITY OF BEECH WOOD AFTER PLANE MILLING. ACTA FACULTATIS TECHNICAЕ. XXVII. 2022 (1).pp 21–36 ([https://ft.tuzvo.sk/sites/default/files/acta\\_ft-1-2022\\_1.pdf](https://ft.tuzvo.sk/sites/default/files/acta_ft-1-2022_1.pdf))

**Д.15.3.2.** Радкова, И. 2019. Използване на програмируеми логически контролери в автоматизирани мехатронни системи при производство на детски играчки от масивна дървесина. KNOWLEDGE – International journal. Scientific Papers. Vol. 35. 3. Skopje. ISSN 2545 – 4439(p). ISSN 1857 –923X(e), pp 1039 ÷ 1044

**Д15.4.** Vlasev, V., Kovatchev, G., **Atanasov, V.** 2019. Mechanism for Belt Sanding Machines with a Fixed Bearing of the Sanding Belt and Eccentric Tension. 30<sup>th</sup> International Conference on Wood Science and Technology - ICWST 2019. pp 221-224. ISBN: 978-953-292-059-8. (SCOPUS)

**Цитирана в:**

**Д.15.4.1.** Szymanowski, K., Gruszczyński, D. 2022. Effect of thermomechanical modification of Scots pine (*Pinus sylvestris* L.) wood on machine sanding efficiency. Annals of WULS Forestry and Wood Technology 118. pp 74-84. DOI: 10.5604/01.3001.0016.0856 (<https://wulsannals.com/resources/html/article/details?id=232937>)

**Д15.5.** **Atanasov, V.** 2015. Research of the processing quality in cutting poplar logs with different narrow bandsaw blades, International Scientific and Technical Conference „Wood Technology & Product Design". Ss. Cyril and Methodius University of Skopje, Vol. II, ISBN 978-608-4723-01-1. pp 17 – 25

**Цитирана в:**

**Д.15.5.1.** Kovatchev, G. 2018. Influence of the belt type over vibrations of the cutting mechanism in woodworking shaper. Chip and Chipless Woodworking Processes 2018. ISSN 1339-8350 (online). ISSN 2453-904X (print). pp 105-110

**Д.15.5.2.** Kovatchev, G. 2020. Influence of the Diameters of the Belt Pulleys on the Work of the Belt Gear of a Universal Wood Shaper. 10<sup>th</sup> International Scientific Conference Innovation in Woodworking industry and Engineering Desing: proceedings of papers. Sofia. October 1-3. ISBN: 978-619-7554-32-8. pp 117-122 (НАЦИД)

**Д15.6.** **Атанасов, В.** 2012. Напрежения в банциговата лента на мобилни хоризонтални банцизи, 4<sup>-та</sup> Научно-техническа конференция „Иновации в горската промишленост и инженерния дизайн". София. 1/2012. ISSN1314-6149. сс. 82 – 87. (НАЦИД)

**Цитирана в:**

**Д.15.6.1.** Stefanov, S. 2013. Development of a Model for the Variable Tensile Stress in Band-Saw Blade. 5<sup>-та</sup> Научно-техническа конференция „Иновации в горската промишленост и инженерния дизайн“. София. ISSN1314-6149, 2/2013 сс. 113 – 122.

**Д.15.6.2.** Вуков, Г. 2013. Повишаване на ефективността на работата на машините в горската промишленост чрез ограничаване на някои опасни режими на работа, 15-та Международна научна конференция Управление и устойчиво развитие. София. ISSN 1311-4506. 6/2013 сс. 125 – 129. (НАЦИД)

**Д15.7. Атанасов, В.** 2014. Изследване експлоатационните показатели на мобилни хоризонтални банцизи. Дисертационен труд за получаване на ОНС „доктор“. ЛТУ – София. 192 стр.

**Цитирана в:**

**Д.15.7.1.** Stefanov, S. 2016. Integration of Damage Differentials: Application from the Forest Industry into the Civil Engineering, 7<sup>-ма</sup> Научно-техническа конференция „Иновации в горската промишленост и инженерния дизайн“. София. 1/2016. ISSN1314-6149. сс. 38 – 45.

**Забележки:**

**Номерацията на разделите и цитиранията е в съответствие с Приложение 2 – Оценка на съответствието с МНИ**

**Всички публикации на кандидата са публикувани в Регистъра на научната дейност към НАЦИОНАЛЕН ЦЕНТЪР ЗА ИНФОРМАЦИЯ И ДОКУМЕНТАЦИЯ (НАЦИД): <https://ras.nacid.bg/dissertation-preview/42037>**

Януари, 2024

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