СПРАВКА

за известните цитирания на трудовете и публикациите на **доц. д-р инж. Виктор Петров Савов** за периода 2015 ÷ 2023 г. (след присъждане на академична длъжност „доцент“), представени за участие в конкурс за заемане на академичната длъжност **„професор“** по дисциплината **„Технология на материалите от дървесни влакна“** в научна област **6. „Аграрни науки и ветеринарна медицина“, ПН 6.5. „Горско стопанство“**, научна специалност **„Технология, механизация и автоматизация на дървообработващата и мебелната промишленост“**, обявен в **ДВ, бр. 26 от 21.03.2023 г.**, код на процедурата: **WWI-P-0223-104**

1. **В монографии, издадени в чужбина – 25 бр.**

1.1 Antov, P., **Savov, V.**, Neykov, N. (2020). Sustainable Bio-Based Adhesives for Eco-Friendly Wood Composites – A review. Wood Research 65 (1), pp. 51-62. ISSN 1336-4561. https://doi.org/10.37763/wr.1336-4561/65.1.051062. IF 0,740. Квартил Q2.

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1. Taghiyari, H.R., Morrell, J.J., Husen, A. (2022). Emerging Nanomaterials for Forestry and Associated Sectors: An Overview. In: Taghiyari, H.R., Morrell, J.J., Husen, A. (eds) Emerging Nanomaterials. Springer, Cham. https://doi.org/10.1007/978-3-031-17378-3_1. ISBN 978-3-031-17377-6.
2. Saud A.S., Maniam G.P., Rahim M.H.A. (2021). Introduction of Eco-Friendly Adhesives: Source, Types, Chemistry and Characterization. In: Jawaid M., Khan T.A., Nasir M., Asim M. (eds) Eco-Friendly Adhesives for Wood and Natural Fiber Composites. Composites Science and Technology. Springer, Singapore. https://doi.org/10.1007/978-981-33-4749-6_1.

1.2 Antov, P., Mantanis, G.I., **Savov, V.** (2020). Development of Wood Composites from Recycled Fibres Bonded with Magnesium Lignosulfonate. Forests 11(6), 613. MDPI, ISSN 1999-4907. https://doi.org/10.3390/f11060613. IF 2.221, 5 Year IF 2,804. Квартил Q1.

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4. Dunky, M. (2021). Wood Adhesives Based on Natural Resources: A Critical Review: Part III. Tannin- and Lignin-Based Adhesives. In: Progress in Adhesion and Adhesives. Scrivener Publishing LLC, ISBN:9781119846659. https://doi.org/10.1002/9781119846703.ch10.

1.3 Antov, P., Jivkov, V., **Savov, V.**, Simeonova, R., Yavorov, N. (2020). Structural Application of Eco-Friendly Composites from Recycled Wood Fibres Bonded with Magnesium Lignosulfonate. Applied Science, 10(21), 7526. MDPI, ISSN 2076-3417. https://doi.org/10.3390/app10217526. IF 2.474, 5 Year IF 2,736. Квартил Q1.

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6. Zor, M., Mengeloğlu, F., Aydemir, D., Şen, F., Kocatürk, E., Candan, Z., Ozcelik, Or. (2022). Wood Plastic Composites (WPCs): Applications of Nanomaterials. In: Taghiyari, H.R., Morrell, J.J., Husen, A. (eds) Emerging Nanomaterials. Springer, Cham. https://doi.org/10.1007/978-3-031-17378-3_4. ISBN 978-3-031-17377-6.
7. Tozluoglu, A. Ates, S., Durmaz, E., Sertkaya, S., Arslan, S., Ozcelik, O., Candan, Z. (2023). Nanocellulose in Paper and Board Coating. In: Taghiyari, H.R., Morrell, J.J., Husen, A. (eds) Emerging Nanomaterials. Springer, Cham. https://doi.org/10.1007/978-3-031-17378-3_8. ISBN 978-3-031-17377-6.
8. Demir, E., Candan, Z., Yan, N., Rajabi-Abhari, A., Vural, Ö., Mirzayev, M., Popov, E., Karaaslan, S. I., Büyük, B. (2022). Green Materials for Radiation Shielding: An Overview. In: Taghiyari, H.R., Morrell, J.J., Husen, A. (eds) Emerging Nanomaterials. Springer, Cham. https://doi.org/10.1007/978-3-031-17378-3_9. ISBN 978-3-031-17377-6.

1.4 Antov, P., **Savov, V.**, Mantanis, G.I., Neykov, N. (2021). Medium-density Fibreboards Bonded with Phenolformaldehyde Resin and Calcium Lignosulfonate as an Eco-friendly Additive. Wood Material Science and Engineering, 16(1), pp.42-48. Taylor & Francis publishing house. ISSN 1748-0280. https://doi.org/10.1080/17480272.2020.1751279. IF 1,265.

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1.5 Antov, P. **Savov, V.**, Krišťák, Ľ., Réh, R., Mantanis, G. I. (2021). Eco-Friendly, High-Density Fiberboards Bonded with Urea-Formaldehyde and Ammonium Lignosulfonate. Polymers 13 (2):220. ISSN 2073-4360. https://doi.org/10.3390/polym13020220. IF 4.329. 5-Year IF: 4,493. Квартил Q1.

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13. Zor, M., Mengeloğlu, F., Aydemir, D., Şen, F., Kocatürk, E., Candan, Z., Ozcelik, Or. (2022). Wood Plastic Composites (WPCs): Applications of Nanomaterials. In: Taghiyari, H.R., Morrell, J.J., Husen, A. (eds) Emerging Nanomaterials. Springer, Cham. https://doi.org/10.1007/978-3-031-17378-3_4. ISBN 978-3-031-17377-6.

1.6 Antov, P., Krišťák, Ľ., Réh, R., **Savov, V.** Papadopulus, A. N. (2021). Eco-Friendly Fiberboard Panels from Recycled Fibers Bonded with Calcium Lignosulfonate. Polymers 13 (4), 639. ISSN 2073-4360. https://doi.org/10.3390/polym13040639. IF 4,329. 5-Year IF: 4,493. Квартил Q1.

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1.7 Engineering the Properties of Eco-Friendly Medium Density Fibreboards Bonded with Lignosulfonate Adhesive. Drvna Industrija 71 (2), pp. 157-162. ISSN 0012-6772. https://doi.org/10.55 52/drvind.2020.1968. IF 0,830. SJR 0,284. Квартил Q3.

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1.8 Antov, P., **Savov, V.**, Trichkov, N., Krišťák, Ľ., Réh, R., Papadopulus, A. N., Taghiyari, H. R., Pizzi, A., Kunecová, D., Pachikova, M. (2021). Properties of High-Density Fiberboard Bonded with Urea–Formaldehyde Resin and Ammonium Lignosulfonate as a Bio-Based Additive. Polymers 13 (6), 2775. ISSN 2073-4360. https://doi.org/10.3390/polym13162775. IF 4,329. 5-Year IF: 4,493. Квартил Q1.

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1.9 **Savov, V.**, Antov, P., Trichkov, N. (2021). Properties of Hight-Density Fibreboards Bonded with Urea-Formaldehyde and Phenol-Formaldehyde Resins. Innovations in Woodworking Industry and Engineering Design 2 (20), pp. 17-26. ISSN 1314-6149. Индексирано в Web of Science; CABI.

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1.10 Kristak, L., Antov, P., Bekhta, P., Libis, M. A. R., Iswanto, A. H., Reh, R., Sedliacik, J., **Savov, V.**, Taghiyari, H. R., Papadopoulos, A. N., Pizzi, A., Hejna, A. (2022). Recent progress in ultra-low formaldehyde emitting adhesive systems and formaldehyde

scavengers in wood-based panels: a review. Wood Materials Science and Engineering. Taylor and Francis Publishing House. ISSN 1748-0272. https://doi.org/10.1080/17480272.2022.2056080. IF: 2.732 (2021); 5-Year Impact Factor: 2.353. Квартил Q1.

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1.11 Réh, R., Krišťák, Ľ., Sedliačik, J., Bekhta, P., Božiková, M., Kunecová, D., Vozárová, V., Tudor, E.M., Antov, P, **Savov, V.** (2021). Utilization of Birch Bark as an Eco-Friendly Filler in Urea-Formaldehyde Adhesives for Plywood Manufacturing. Polymers 13 (4):511. ISSN 2073-4360. https://doi.org/10.3390/polym13040511. IF 4.329. 5-Year IF: 4,493. Квартил Q1.

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1.12 **Savov**, V., Mihajlova, J. (2017). Influence of the Content of Lignosulfonate on Mechanical Properties of Medium Density Fiberboard. PRO LIGNO. Vol. 13 № 4/2017. pp. 2252-256. ISSN 2069-7430.

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1.13 **Savov**, V., Mihajlova, J. (2017). Influence of the Content of Lignosulfonate on Physical Properties of Medium Density Fiberboard. PRO LIGNO. Vol. 13 № 4/2017. pp. 247-251. ISSN 2069-7430.

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ISSN 1999-4907. https://doi.org/10.3390/f11060613. IF 2.221, 5 Year IF 2,804. Квартил Q1.

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11. Reinprecht, L. and Iždinský, J. (2022). Composites from Recycled and Modified Woods - Technology, Properties, Application. Forests 13(1), 6. Published online 21.12.2021. MDPI, ISSN 1999-4907. https://doi.org/10.3390/f13010006. IF: 2,634, 5-Year IF: 2,804. Квартил Q1.
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2.2. Antov, P., **Savov, V.**, Neykov, N. (2020). Sustainable Bio-Based Adhesives for Eco-Friendly Wood Composites – A review. Wood Research 65 (1), pp. 51-62. ISSN 1336-4561. https://doi.org/10.37763/wr.1336-4561/65.1.051062. IF 0,740. Квартил Q2.

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20. Bekhta, P., Sedliačik, J., Bekhta, N. (2020). Effects of Selected Parameters on the Bonding Quality and Temperature Evolution Inside Plywood During Pressing, Polymers, 12, 1035. MDPI, ISSN 2073-4360. https://doi:10.3390/polym12051035. IF: 4,329, 5 Year IF 4,493. Квартил Q1.
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