УНИВЕРЗИТЕТ У БЕОГРАДУ
ШУМАРСКИ ФАКУЛТЕТ

ОДСЕК ЗА ТЕХНОЛОГИЈЕ ДРВЕТА

СТУДИЈСКИ ПРОГРАМ ДОКТОРСКИХ АКАДЕМСКИХ СТУДИЈА

ТЕХНОЛОГИЈЕ ДРВЕТА

Листа потенцијалних ментора у школској 2025/2026. години

Ред.бр.	Презиме и име	Ужа научна област
1.	др Горан Милић, ред проф.	Примарна прерада дрвета
2.	др Небојша Тодоровић, ред. проф.	
3.	др Ивана Гавриловић-Грмуша, ред. проф.	Хемијско-механичка прерада дрвета
4.	др Млађан Поповић, ред. проф.	
5.	др Јасмина Поповић, ред.проф.	
6.	др Милица Ранчић, ванр.проф	Хемија
7.	др Ивана Стојиљковић, доцент	
8.	др Тања Палија, ванр.проф.	Финална прерада дрвета
9.	др Марија Ђурковић, ред. проф.	Машине и уређаји у преради дрвета
10.	др Срђан Сврзић, ванр.проф.	
11.	др Младен Фуртула, ванр.проф.	
12.	др Александар Дедић, ред. проф.	Машинско инжењерство-процесна техника
13.	Др Бранко Главоњић, ред. проф.	Трговина дрветом и економика дрвне индустрије

Списак радова по ужим научним областима који квалификује наставнике за менторе на докторским академским студијама – студијски програм **Технологије дрвета**

Ужа научна област - Примарна прерада дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Горан Милић**, ред. проф.		
Р. Бр.	Референца	Категорија
1	**Milić, G**., Rančić, M., Todorović, N., Živanović, N., Orčić, D., & Simin, N. (**2024**). Walnut wood steaming: chemical profile and antioxidant activity of the condensate to assess the potential application. *Wood Science and Technology*, 58, 1605–1628. https://doi.org/10.1007/s00226-024-01584-9 https://enauka.gov.rs/handle/123456789/929655	M21a
2	Rančić, M., Popović, M., **Milić**, G., Todorović, N., Veizović, M., Gavrilović-Grmuša, I. (**2024**). "The effect of the beech wood steaming condensate on curing behaviour of ureaformaldehyde adhesive". *European Journal of Wood and Wood Products* 82, 2137–2153 https://doi.org/10.1007/s00107-024-02151-6 https://enauka.gov.rs/handle/123456789/940896	M21
3	**Milić**, G., Todorović, N., Veizović, M., Popadić, R. (**2023**). "Heating Rate during Thermal Modification in Steam Atmosphere: Influence on the Properties of Maple and Ash Wood", *Forests* 14(2), 189 https://doi.org/10.3390/f14020189 https://enauka.gov.rs/handle/123456789/808893	M21a
4	Todorović, N., Popović, Z., **Milić**, G., Veizović, M., Popadić, R. (**2022**). "Quality evaluation of heat-treated sessile oak (*Quercus petraea* L.) wood by colour and FT-NIR spectroscopy". *Wood Material Science & Engineering* 17 (3), str. 202-209 https://doi.org/10.1080/17480272.2020.1847188 https://enauka.gov.rs/handle/123456789/785687	M21a
5	Popadić R., Furtula M., **Milić** G. (**2019**): Influence of Diameter and Quality of Beech Logs on the Potential Energy of Sawmill Residues. *BioResources* 14(3):6331-6340 https://doi.org/10.15376/biores.14.3.6331-6340 https://enauka.gov.rs/handle/123456789/160054	M21
6	Lovrić A., Zdravković V., Popadić R., **Milić** G. (**2017**): Properties of Plywood Boards Composed of Thermally Modified and Non-Modified Poplar Veneer. *BioResources* 12(4):8581-8594 https://doi.org/10.15376/biores.12.4.8581-8594 https://enauka.gov.rs/handle/123456789/530260	M21
7	Todorović N., Popović Z., **Milić** G. (**2015**): „Estimation of quality of thermally modified beech wood with red heartwood by FT-NIR pectroscopy". *Wood Science and Technology* 49(3):527-549 https://doi.org/10.1007/s00226-015-0710-3 https://enauka.gov.rs/handle/123456789/616636	M21a

Ужа научна област - Примарна прерада дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Небојша Тодоровић**, ред. проф.		
Р. Бр.	Референца	Категорија
1	Milić, G., Rančić, M., **Todorović**, **N**., Živanović, N., Orčić, D., & Simin, N. (**2024**). Walnut wood steaming: chemical profile and antioxidant activity of the condensate to assess the potential application. *Wood Science and Technology*, 58, 1605–1628. https://doi.org/10.1007/s00226-024-01584-9 https://enauka.gov.rs/handle/123456789/929655	M21a
2	Rančić, M., Popović, M., Milić, G., **Todorović**, N., Veizović, M., Gavrilović-Grmuša, I. (**2024**). "The effect of the beech wood steaming condensate on curing behaviour of ureaformaldehyde adhesive". *European Journal of Wood and Wood Products* 82, 2137–2153 https://doi.org/10.1007/s00107-024-02151-6 https://enauka.gov.rs/handle/123456789/940896	M21
3	Milić, G., **Todorović**, N., Veizović, M., Popadić, R. (**2023**). "Heating Rate during Thermal Modification in Steam Atmosphere: Influence on the Properties of Maple and Ash Wood", *Forests* 14(2), 189 https://doi.org/10.3390/f14020189 https://enauka.gov.rs/handle/123456789/808893	M21a
4	Josifovski, A., **Todorović, N.,** Milošević, J., Veizović, M., Pantelić, F., Aškrabić, M., Vasov, M., & Rajčić, A. (**2023**). An Approach to In Situ Evaluation of Timber Structures Based on Equalization of Non-Destructive and Mechanical Test Parameters [Basel : MDPI AG, 2011-]. *Buildings*, 13(6), 1405–1405. https://doi.org/10.3390/buildings13061405 https://enauka.gov.rs/handle/123456789/787397	M21
5	**Todorović, N.**, Popović, Z., Milić, G., Veizović, M., & Popadić, R. (**2022**). Quality evaluation of heat-treated sessile oak (Quercus petraea L.) wood by colour and FT-NIR spectroscopy [Abingdon : Taylor & Francis]. *Wood Material Science & Engineering*, 17(3), 202–209. https://doi.org/10.1080/17480272.2020.1847188 https://enauka.gov.rs/handle/123456789/785687	M21a
6	Petrović, D., Dukić, V., Popović, Z., & **Todorović, N.** (**2021**). MOR and MOE of Serbian Spruce (Picea omorika Pancic/Purkyne) Wood from Natural Stands [Zagreb : Generalna direkcija drvne industrije NR Hrvatske]. *Drvna Industrija*, 72(2), 193–200. https://doi.org/10.5552/drvind.2021.2028 https://enauka.gov.rs/handle/123456789/742463	M22
7	**Todorović** N., Popović Z., Milić G. (**2015**): „Estimation of quality of thermally modified beech wood with red heartwood by FT-NIR pectroscopy". *Wood Science and Technology* 49(3):527-549 https://doi.org/10.1007/s00226-015-0710-3 https://enauka.gov.rs/handle/123456789/616636	M21a

Ужа научна област - Хемијско-механичка прерада дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Ивана Гавриловић-Грмуша**, ред. проф.		
Р. Бр.	Референца	Категорија

1	Rančić, M., Popović, M., Milić**,** G., Todorović, N., Veizović, M., & **Gavrilović-Grmuša, I.** (**2024**). The effect of the beech wood steaming condensate on curing behaviour of urea-formaldehyde adhesive. *European Journal of Wood and Wood Products*. https://doi.org/10.1007/s00107-024-02151-6 https://enauka.gov.rs/handle/123456789/940896	M21
2	**Gavrilović-Grmuša, I**., Rančić, M., Tešić, T., Stupar, S., Milošević, M., & Gržetić, J. (**2024**). Bio-Epoxy Resins Based on Lignin and Tannic Acids as Wood Adhesives—Characterization and Bonding Properties. *Polymers*, 16(18), 2602–2602. https://doi.org/10.3390/polym16182602 https://enauka.gov.rs/handle/123456789/932442	M21
3	Sokolović, N., **Gavrilović-Grmuša**, **I.,** Zdravković, V., Ivanović-Šekularac, J., Pavićević, D., Šekularac, N. (**2023**). Flexural Properties in Edgewise Bending of LVL Reinforced with Woven Carbon Fibers. *Materials*, 16(9), 3346 https://doi.org/10.3390/ma16093346 https://enauka.gov.rs/handle/123456789/798020	M21
4	Popović, M., Vukić, N., Điporovíć-Momčilovíč, M., Budinski-Simendić, J., **Gavrilović-Grmuša, I.,** Popović, J., & Ristić, I. (**2022**). Effects of Poly(diallyldimethylammonium chloride) addition on the curing kinetics of urea-formaldehyde adhesives for particleboards [Belgrade: Association of the Chemical Engineers of Serbia]. *Hemijska Industrija* / Chemical Industry, 76(1), 19–28 https://doi.org/10.2298/HEMIND210914001P https://enauka.gov.rs/handle/123456789/580963	M23
5	Popović, J., Popović, M., Điporović-Momčilović, M., Prahin, A., Dodevski, V., & **Gavrilović-Grmuša, I.** (**2021**). Effects of water pretreatment on properties of pellets made from beech particles. *Hemijska Industrija*, 75(1), 39–51 https://doi.org/10.2298/HEMIN191224007P https://enauka.gov.rs/handle/123456789/440954	M23
6	**Grmuša, I.,** Manfred D., Điporović-Momčilović, M., Popović, M., & Popović, J. J. (**2016**). Influence of Pressure on the Radial and Tangential Penetration of Adhesive Resin into Poplar Wood and on the Shear Strength of Adhesive Joints [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. *Bioresources*, 11(1), 2238–2255–2255 https://doi.org/10.15376/biores.11.1.2238-2255 https://enauka.gov.rs/handle/123456789/195819	M21
7	Popović, J., Popović, M., Diporović-Momčilović, M., & **Gavrilović-Grmuša, I**. (**2015**). Effects of the chemical treatment conditions of the narrow-leaved ash (fraxinus angustifolia vahl . ss p. pannonica soo & simon) on the lap shear strength. *Wood Research,* 60(4), 543–554. https://enauka.gov.rs/handle/123456789/870736 http://www.scopus.com/inward/record.url?eid=2-s2.0-84959927428&partnerID=MN8TOARS	M23

Ужа научна област - Хемијско-механичка прерада дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Млађан Поповић**, ред. проф.		
Р. Бр.	Референца	Категорија
1	Rančić, M., **Popović, M.,** Milić**,** G., Todorović, N., Veizović, M., **& Gavrilović-Grmuša, I.** (2024). The effect of the beech wood steaming condensate on curing behaviour of urea-formaldehyde adhesive. *European Journal of Wood and Wood Products*. https://doi.org/10.1007/s00107-024-02151-6 https://enauka.gov.rs/handle/123456789/940896	M21
2	Popovic, J. J., Svrzic, S. V., Gajic, M., Maletic, S. B., Dodevski, V. M., Djiporovic-Momcilovic, M., Krstic, S. S., & **Popovic, M.** M. (**2022**). Light Transmittance of Mahogany Wood Treated with 20% Hydrogen Peroxide Solution. *BIORESOURCES*, 17(4), 5919–5935. https://doi.org/10.15376/biores.17.4.5919-5935 https://enauka.gov.rs/handle/123456789/802276	M21
3	**Popović, M**., Vukić, N., Điporović-Momčilovíč, M., Budinski-Simendić, J., Gavrilović-Grmuša, I., Popović, J., & Ristić, I. (**2022**). Effects of Poly(diallyldimethylammonium chloride) addition on the curing kinetics of urea-formaldehyde adhesives for particleboards [Belgrade: Association of the Chemical Engineers of Serbia]. *Hemijska Industrija* / Chemical Industry, 76(1), 19–28. https://doi.org/10.2298/HEMIND210914001P https://enauka.gov.rs/handle/123456789/580963	M23
4	Popović, J., **Popović, M.**, Điporović-Momčilović, M., Prahin, A., Dodevski, V., & Gavrilović-Grmuša, I. (**2021**). Effects of water pretreatment on properties of pellets made from beech particles. *Hemijska Industrija*, 75(1), 39–51. https://doi.org/10.2298/HEMIN191224007P https://enauka.gov.rs/handle/123456789/440954	M23
4	Budinski, N., Jovičić, M. C., Vukić, N. R., & Popović, M. M. (**2017**). The Educational Approach for Introducing Contemporary Materials Science Research to High School Mathematics. *Journal of Materials Education*, 39(3-4), 99–114. https://enauka.gov.rs/handle/123456789/331307	M23
6	Grmuša, I., Manfred Dunki, Điporović-Momčilović, M., **Popović, M.,** & Popović, J. J. (**2016**). Influence of Pressure on the Radial and Tangential Penetration of Adhesive Resin into Poplar Wood and on the Shear Strength of Adhesive Joints [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. *Bioresources*, 11(1), 2238–2255–2255. https://doi.org/10.15376/biores.11.1.2238-2255 https://enauka.gov.rs/handle/123456789/195819	M21
7	Popović, J., **Popović, M**., Diporović-Momčilović, M., & Gavrilović-Grmuša, I. (**2015**). Effects of the chemical treatment conditions of the narrow-leaved ash (fraxinus angustifolia vahl . ss p. pannonica soo & simon) on the lap shear strength. *Wood Research,* 60(4), 543–554. https://enauka.gov.rs/handle/123456789/870736 http://www.scopus.com/inward/record.url?eid=2-s2.0-84959927428&partnerID=MN8TOARS	M23

Ужа научна област - Хемијско-механичка прерада дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Јасмина Поповић**, ванр. проф.		
Р. Бр.	Референца	Категорија
1	Radotić, K., **Popović, J.**, Vojisavljević, K., Janošević, D., Simonović Radosavljević, J., Butulija, S., Matović, B., Mutavdžić, D., Szűcs, C., Cseri, A., Dudits, D., Kovacs, K. L., & Mitrović, A. Lj. (**2024**). Doubling genome size of energy willow affects woody stem cell wall structure, chemistry, and biogas yield. *Wood Science and Technology*, 58(3). https://doi.org/10.1007/s00226-024-01567-w	M21a
2	Popović, M., Vukić, N., Điporovíć-Momčilovíč, M., Budinski-Simendić, J., Gavrilović-Grmuša, I., **Popović, J.**, & Ristić, I. (**2022**). Effects of Poly(diallyldimethylammonium chloride) addition on the curing kinetics of urea-formaldehyde adhesives for particleboards [Belgrade: Association of the Chemical Engineers of Serbia]. *Hemijska Industrija* / Chemical Industry, 76(1), 19–28. https://doi.org/10.2298/HEMIND210914001P https://enauka.gov.rs/handle/123456789/580963	M23
3	**Popovic, J. J.**, Svrzic, S. V., Gajic, M., Maletic, S. B., Dodevski, V. M., Djiporovic-Momcilovic, M., Krstic, S. S., & Popovic, M. M. (**2022**). Light Transmittance of Mahogany Wood Treated with 20% Hydrogen Peroxide Solution. *BIORESOURCES*, 17(4), 5919–5935. https://doi.org/10.15376/biores.17.4.5919-5935 https://enauka.gov.rs/handle/123456789/802276	M21
4	Kandić, I., Kragović, M., Krstić, J., Gulicovski, J., **Popović, J.**, Rosić, M., Karadžić, V., & Stojmenović, M. (**2022**). Natural Cyanobacteria Removers Obtained from Bio-Waste Date-Palm Leaf Stalks and Black Alder Cone-Like Flowers [Switzerland : Multidisciplinary Digital Publishing Institute (MDPI)]. *International Journal of Environmental Research and Public Health*, 19(11), 6639–6639. https://doi.org/10.3390/ijerph19116639	M21
5	**Popović, J.,** Popović, M., Điporović-Momčilović, M., Prahin, A., Dodevski, V., & Gavrilović-Grmuša, I. (**2021**). Effects of water pretreatment on properties of pellets made from beech particles. *Hemijska Industrija*, 75(1), 39–51. https://doi.org/10.2298/HEMIN191224007P https://enauka.gov.rs/handle/123456789/440954	M23
6	Janković, B. Ž., Manić, N. G., Dodevski, V., **Popović, J.** G., Rusmirović, J. D., & Tošić, M. S. (**2019**). Characterization analysis of Poplar fluff pyrolysis products. Multi-component kinetic study. *Fuel*, 238, 111–128. https://doi.org/10.1016/j.fuel.2018.10.064	M21a
7	Janković, B. Ž., Dodevski, V., Stojmenović, M., Krstić, S. S., & **Popović, J. G**. (**2018**). Characterization analysis of raw and pyrolyzed plane tree seed (Platanus orientalis L.) samples for its application in carbon capture and storage (CCS) technology. *Journal of Thermal Analysis and Calorimetry*, 133(1), 465–480. https://doi.org/10.1007/s10973-018-7207-x	M21
8	Dodevski, V., Janković, B. Ž., Stojmenović, M., Krstić, S. S., **Popović**, J. G., Pagnacco, M. C., Popović, M., & Pašalić, S. (**2017**). Plane tree seed biomass used for preparation of activated carbons (AC) derived	M22

	from pyrolysis. Modeling the activation process. Colloids and Surfaces. A: Physicochemical and Engineering Aspects, 522, 83–96. https://doi.org/10.1016/j.colsurfa.2017.03.003	
9	Grmuša, I., Manfred, D., Điporović-Momčilović, M., Popović, M., & **Popović, J. J.** (**2016**). Influence of Pressure on the Radial and Tangential Penetration of Adhesive Resin into Poplar Wood and on the Shear Strength of Adhesive Joints [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. *Bioresources*, 11(1), 2238–2255–2255. https://doi.org/10.15376/biores.11.1.2238-2255 https://enauka.gov.rs/handle/123456789/195819	M21
10	**Popović, J.,** Popović, M., Diporović-Momčilović, M., & Gavrilović-Grmuša, I. (**2015**). Effects of the chemical treatment conditions of the narrow-leaved ash (fraxinus angustifolia vahl . ss p. pannonica soo & simon) on the lap shear strength. *Wood Research,* 60(4), 543–554. https://enauka.gov.rs/handle/123456789/870736 http://www.scopus.com/inward/record.url?eid=2-s2.0-84959927428&partnerID=MN8TOARS	M23
11	Vilotić, D., **Popović, J.,** Mitrović, S., Šijačić-Nikolić, M., Ocokoljić, M., Novović, J., & Veselinović, M. (**2015**). Dimensions of mechanical fibres in Paulownia elongata S.Y. Hu wood from different habitats [Zagreb : Generalna direkcija drvne industrije NR Hrvatske]. *Drvna Industrija*, 66(3), 229–234. https://doi.org/10.5552/drind.2015.1365	M23

Ужа научна област - Хемија		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Милица Ранчић**, ванр. проф.		
Р. Бр.	Референца	Категорија
1	**Rančić, M.,** Popović, M., Milić, G., Todorović, N., Veizović, M., & Gavrilović-Grmuša, I. (**2024**). The effect of the beech wood steaming condensate on curing behaviour of urea-formaldehyde adhesive. *European Journal of Wood and Wood Products*. https://doi.org/10.1007/s00107-024-02151-6 https://enauka.gov.rs/handle/123456789/940896	M21
2	Gavrilović-Grmuša, I., **Rančić**, M., Tešić, T., Stupar, S., Milošević, M., & Gržetić, J. (**2024**). Bio-Epoxy Resins Based on Lignin and Tannic Acids as Wood Adhesives—Characterization and Bonding Properties. Polymers, 16(18), 2602–2602. https://doi.org/10.3390/polym16182602	M21
3	Milić, G., **Rančić, M.,** Todorović, N., Živanović, N., Orčić, D., & Simin, N. (**2024**). Walnut wood steaming: chemical profile and antioxidant activity of the condensate to assess the potential application. *Wood Science and Technology*, 58, 1605–1628. https://doi.org/10.1007/s00226-024-01584-9 https://enauka.gov.rs/handle/123456789/929655	M21a
4	Egelja, A., Savić, A., Savić, M., Kokunešoski, M., Pantić, K., **Rančić**, M., & Vuksanović, M. (**2023**). Application of Fe-Al layered double hydroxides on silica for phosphate and arsenate removal from water. Science of Sintering, 00. https://doi.org/10.2298/SOS230926051E	M22

5	Milentijević, G., Marinković, A. D., **Rančić**, M., Bogdanović, A., Prlainović, N., Marković, S., & Milosavljević, M. (**2021**). New Facile One-Pot Synthesis of Isobutyl Thiocarbamate in Recycling Solvent Mixture [MDPI]. Minerals, 11(12). https://doi.org/10.3390/min11121346	M21
6	Stojiljković, I. N., **Rančić**, M., Marinković, A., Cvijetić, I., & Milčić, M. K. (**2021**). Assessing the potential of para-donor and para-acceptor substituted 5-benzylidenebarbituric acid derivatives as push–pull electronic systems: Experimental and quantum chemical study [Elsevier]. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 253, 119576–119576. https://doi.org/10.1016/j.saa.2021.119576	M21a
7	Milosavljević, M. M., Marinković, A. D., **Rančić**, M., Milentijević, G., Bogdanović, A., Cvijetić, I. N., & Gurešić, D. (**2020**). New Eco-Friendly Xanthate-Based Flotation Agents [MDPI AG]. MInerals, 10(4). https://doi.org/10.3390/min10040350	M21
8	Rusmirović, J., Ivanović, J., Pavlović, V. B., Rakić, V. M., **Rančić**, M. P., Đokić, V., & Marinković, A. D. (**2017**). Novel modified nanocellulose applicable as reinforcement in high-performance nanocomposites [Elsevier]. *Carbohydrate Polymers*, 164, 64–74. https://doi.org/10.1016/j.carbpol.2017.01.086	21a
9	Jelena Rusmirović, **Milica Rančić**, Vesna Pavlović, Vesna Rakić, Sanja Stevanović, Jasna Djonlagić, Aleksandar Marinković (**2017**), Cross-linkable modified nanocellulose/polyester resin based composites: Effect of unsaturated fatty acid nanocellulose modification on material performances, *Macromolecular Materials and Engineering*, (2018), ISSN: 1438- 7492, IF(2017)=2.690, DOI: 10.1002/mame.201700648	M21
10	**Rančić**, M., Stojiljković, I., Milošević, M. D., Prlainović, N., Jovanović, M., Milčić, M., & Marinković, A. (**2019**). Solvent and substituent effect on intramolecular charge transfer in 5-arylidene-3-substituted-2,4-thiazolidinediones: Experimental and theoretical study [Elsevier, Amsterdam]. Arabian Journal of Chemistry, 12(8), 5142–5161. https://doi.org/10.1016/j.arabjc.2016.12.013	M21
11	Taleb, K., Markovski, J., Velicković, Z., Rusmirović, J. D., **Rancić**, M., Pavlović, V., & Marinković, A. (**2019**). Arsenic removal by magnetite-loaded amino modified nano/microcellulose adsorbents: Effect of functionalization and media size [Elsevier, Amsterdam]. *Arabian Journal of Chemistry*, 12(8), 4675–4693. https://doi.org/10.1016/j.arabjc.2016.08.006	M21
12	Ajaj, I., Assaleh, F. H., Markovski, J., **Rančić**, M., Brković, D. V., Milčić, M., & Marinković, A. (2019). Solvatochromism and azo-hydrazo tautomerism of novel arylazo pyridone dyes: Experimental and quantum chemical study [Elsevier, Amsterdam]. *Arabian Journal of Chemistry*, 12(8), 3463–3478. https://doi.org/10.1016/j.arabjc.2015.08.029	M21
13	Prlainović, N., **Rančić**, M., Stojiljković, I., Nikolić, J., Drmanić, S., Ajaj, I., & Marinković, A. (**2018**). Experimental and theoretical study on solvent and substituent effects on the intramolecular charge transfer in 3-[(4-substituted)phenylamino]isobenzofuran-1(3H)-ones [Srpsko hemijsko društvo, Beograd]. *Journal of the Serbian Chemical Society*, 83(2), 139–155. https://doi.org/10.2298/JSC170408003P	M23

Ужа научна област - Хемија		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Ивана Н. Стојиљковић**, доцент.		
Р. Бр.	Референца	Категорија
1	**Stojiljković**, I., Rančić, M., Marinković, A., Cvijetić, I., & Milčić, M. (**2021**). Assessing the potential of paradonor and para-acceptor substituted 5-benzylidenebarbituric acid derivatives as push–pull electronic systems: Experimental and quantum chemical study. Spectrochim. Acta Part A Mol. Biomol. Spectrosc., 253, 119576. https://doi.org/10.1016/j.saa.2021.119576	M21a
2	Rančić, M., **Stojiljković**, I., Milošević, M., Nevena Prlainović, N., Jovanović, M., Milčić, M., & Marinković, A. (**2019**). Solvent and substituent effect on intramolecular charge transfer in 5-arylidene-3-substituted-2,4-thiazolidinediones: Experimental and theoretical study. Arabian Journal of Chemistry, 12(8), 5142-5161. https://doi.org/10.1016/j.arabjc.2016.12.013	M21
3	Perendija, J., Veličković, V., Dražević, Lj., **Stojiljković**, I., Milčić, M., Milosavljević, M., Marinković, A., Pavlović, V. (**2021**). Evaluation of adsorption performance and quantum chemical modeling of pesticides removal using cell-MG hybrid adsorbent. *Science of Sintering*, 53(3), 355-378. http://dx.doi.org/10.2298/SOS2103355P	M22
4	Mrđan, G., Vastag, G., Škorić, D., Radanović, M., Verbić, T., Milčić, M., **Stojiljković**, I., Marković, O., & Matijević, B. (**2021**). Synthesis, physicochemical characterization, and TD–DFT calculations of monothiocarbohydrazone derivatives. *Structural Chemistry*, 32, 1231-1245. http://dx.doi.org/10.1007/s11224-020-01700-y	M22
5	Mrđan, G., Matijević, B., Vastag, G., Božić, A., Marinković, A., Milčić, M., & **Stojiljković**, I. (**2020**). Synthesis, solvent interactions and computational study of monocarbohydrazones. *Chemical Paper*, 74, 2653–2674. http://dx.doi.org/10.1007/s11696-020-01106-4	M22
6	Prlainović, N., Rančić, M., **Stojiljković**, I., Nikolić, J., Drmanić, S., Ajaj, I., & Marinković, A. (**2018**). Experimental and theoretical study on solvent and substituent effects on the intramolecular charge transfer in 3-[(4- substituted)phenylamino]isobenzofuran-1(3H)-ones. Journal of the Serbian Chemical Society, 83 (2), 139-155. https://doi.org/10.2298/jsc170408003p	M22
7	Apostolov, S., Vastag, G., Mrđan, G., Nakomčić, J., & **Stojiljković**, I. (**2019**). Chromatographic descriptors in QSAR study of barbiturates. Journal of Liquid Chromatography & Related Technologies, 42(7-8), 194-203. https://doi.org/10.1080/10826076.2019.1590207	M23

Ужа научна област – Машине и уређаји у преради дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Марија Ђурковић**, ред. проф.		
Р. Бр.	Референца	Категорија
1	Dimic, Z., Zivanovic, S., Pavlovic, D., Furtula, M., **Djurkovic**, M., Rakic, A., & Kokotovic, B. (**2024**). Reconfigurable open architecture control system with integrated digital twin for 3-axis woodworking milling machine. Wood *Material Science & Engineering*. https://doi.org/10.1080/17480272.2024.2318024	M21
2	Svrzić, S., **Djurković**, M., Vukićević, A., Nikolić, Z., Mihailović, V., & Dedić, A. (**2024**). Sound classification and power consumption to sound intensity relation as a tool for wood machining monitoring. *European Journal of Wood and Wood Products*. https://doi.org/10.1007/s00107-024-02139-2	M21
3	Živanović, S., Dimić, Z., Furtula, M., Slavković, N., **Đurković**, M., Vidaković, J. (**2024**) A flexible programming and verification methodology for reconfigurable CNC woodworking machine, *BioResources*, 19 (4), pp 9708-9726. https://ojs.bioresources.com/index.php/BRJ/article/view/23741	M22
4	Miric-Milosavljevic, M., Svrzic, S., Nikolić, Z., **Djurkovic**, M., Furtula, M., & Dedic, A. (**2024**). Signal processing and machine learning as a tool for identifying idling noises of different circular saw blades. *BioResources*, 19(1), 1744–1756. https://doi.org/10.15376/biores.19.1.1744-1756	M22
5	Jevtic, I., Mladenovic, G., Milovanovic, A., Trajkovic, I., **Djurkovic**, M., Korolija, N., & Milosevic, M. (**2023**). The influence of printing orientation on the flexural strength of PA 12 specimens produced by SLS. *Science of Sintering*, 00. https://doi.org/10.2298/SOS230508031J	M22
6	Mihailović, V., Mirić-Milosavljević, M., **Djurković**, M., Mladenović, G., Milošević, M., & Trajković, I. (**2022**). Loading Rate Effects on MOE and MOR Distributions in Testing of Small Clear Beech Wood Specimens [North Carolina State Univ Dept Wood & Paper Sci, Raleigh]. *Bioresources*, 17(1), 1818–1835. https://doi.org/10.15376/biores.17.1.1818-1835	M22
7	Svrzić, S., **Đurković**, M. D., Danon, G., Furtula, M., & Stanojević, D. (**2021**). On Acoustic Emission Analysis in Circular Saw Cutting Beech Wood with Respect to Power Consumption and Surface Roughness [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. *Bioresources*, 16(4), 8239–8257. https://doi.org/10.15376/biores.16.4.8239-8257	M21
8	Porankiewicz, B., Wieczorek, D., **Đurković**, M., Idzikowski, I., & Węgrzyn, Z. (**2021**). Modelling Cutting Forces using the Moduli of Elasticity in Oak Peripheral Milling [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. *Bioresources*, 16(no. 1), 1424–1437–1437. https://doi.org/10.15376/biores.16.1.1424-1437	M21
9	**Đurković**, M. D., Mladenović, G. M., Tanović, L. M., & Danon Gradimir, . (**2018**). Impact of feed rate, milling depth and tool rake angle in peripheral milling of oak wood on the cutting force [Univ Bio-Bio,	M22

	Concepcion]. *Maderas-Ciencia Y Tecnologia*, 20(1), 25–34. https://doi.org/10.4067/S0718-221X2018005001301	
10	**Đurković**, M. D., & Danon, G. J. (**2017**). Comparison of Measured and Calculated Values of Cutting Forces in Oak Wood Peripheral Milling. *Wood Research*, 62(2), 293–306. State Forest Products Research Institute	M22
11	Stanojević, D., **Đurković**, M., Danon, G., & Svrzić, S. (**2017**). Prediction of the surface roughness of wood for machining. *Journal of Forestry Research*, 28(6), 1281–1283. https://doi.org/10.1007/s11676-017-0401-z	M23

Ужа научна област – Машине и уређаји у преради дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Срђан Сврзић**, ванр. проф.		
Р. Бр.	Референца	Категорија
1	**Svrzić**, S., Djurković, M., Vukićević, A., Nikolić, Z., Mihailović, V., & Dedić, A. (**2024**). Sound classification and power consumption to sound intensity relation as a tool for wood machining monitoring. European Journal of Wood and Wood Products. https://doi.org/10.1007/s00107-024-02139-2	M21
2	Miric-Milosavljevic, M., **Svrzic**, S., Nikolić, Z., Djurkovic, M., Furtula, M., & Dedic, A. (**2024**). Signal processing and machine learning as a tool for identifying idling noises of different circular saw blades. BioResources, 19(1), 1744–1756. https://doi.org/10.15376/biores.19.1.1744-1756	M22
3	Popovic, J. J., **Svrzic**, S. V., Gajic, M., Maletic, S. B., Dodevski, V. M., Djiporovic-Momcilovic, M., Krstic, S. S., & Popovic, M. M. (**2022**). Light Transmittance of Mahogany Wood Treated with 20% Hydrogen Peroxide Solution. BIORESOURCES, 17(4), 5919–5935. https://doi.org/10.15376/biores.17.4.5919-5935	M22
4	**Svrzić**, S., Đurković, M. D., Danon, G., Furtula, M., & Stanojević, D. (**2021**). On Acoustic Emission Analysis in Circular Saw Cutting Beech Wood with Respect to Power Consumption and Surface Roughness [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. Bioresources, 16(4), 8239–8257. https://doi.org/10.15376/biores.16.4.8239-8257	M21
4	Dedić, A., **Svrzić**, S., Janevski, J., Stojanović, B., & Milenković, M. (**2018**). Three-dimensional model for heat and mass transfer during convective drying of wood with microwave heating [Monticello, NY : Marcel Dekker]. Journal of Porous Media, 21(10), 877–886. https://doi.org/10.1615/jpormedia.2018018908	M22
6	Stanojević, D., Đurković, M., Danon, G., & **Svrzić**, S. (**2017**). Prediction of the surface roughness of wood for machining. Journal of Forestry Research, 28(6), 1281–1283. https://doi.org/10.1007/s11676-017-0401-z	M23
7	Mandić, M., **Svrzić**, S., & Danon, G. (**2015**). The Comparative Analysis of Two Methods for the Power Consumption Measurement in Circular	M23

	Saw Cutting of Laminated Particle Board. Wood Research, 60(1), 125–136–136. Bratislava : Slovenský drevársky výskumný ústav. https://api.semanticscholar.org/CorpusID:54829895	

Ужа научна област – Машине и уређаји у преради дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Младен Фуртула**, ванр. проф.		
Р. Бр.	Референца	Категорија
1	Dimic, Z., Zivanovic, S., Pavlovic, D., **Furtula**, M., Djurkovic, M., Rakic, A., & Kokotovic, B. (**2024**). Reconfigurable open architecture control system with integrated digital twin for 3-axis woodworking milling machine. *Wood Material Science & Engineering*. https://doi.org/10.1080/17480272.2024.2318024	M21
2	Živanović, S., Dimić, Z., **Furtula**, M., Slavković, N., Đurković, M., Vidaković, J. (**2024**) A flexible programming and verification methodology for reconfigurable CNC woodworking machine, *BioResources*, 19 (4), pp 9708-9726. https://ojs.bioresources.com/index.php/BRJ/article/view/23741	M22
3	Miric-Milosavljevic, M., Svrzic, S., Nikolić, Z., Djurkovic, M., **Furtula**, M., & Dedic, A. (**2024**). Signal processing and machine learning as a tool for identifying idling noises of different circular saw blades. *BioResources*, 19(1), 1744–1756. https://doi.org/10.15376/biores.19.1.1744-1756	M22
4	Svrzić, S., Đurković, M. D., Danon, G., **Furtula**, M., & Stanojević, D. (2021). On Acoustic Emission Analysis in Circular Saw Cutting Beech Wood with Respect to Power Consumption and Surface Roughness [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. *Bioresources*, 16(4), 8239–8257. https://doi.org/10.15376/biores.16.4.8239-8257	M21
5	Popadić, R. V., **Furtula**, M. A., & Milić, G. R. (**2019**). Influence of Diameter and Quality of Beech Logs on the Potential Energy of Sawmill Residues [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. *Bioresources*, 14(3), 6331–6340. https://doi.org/10.15376/biores.14.3.6331-6340	M21
6	Furtula, M., Danon, G., Bajic, V., & Lukačev, D. (2017). Energy consumption and equivalent emission of CO2 at wood pellets production in Serbia. Thermal Science, 21(5), 1905–1915. https://doi.org/10.2298/tsci170220099f	M22

Ужа научна област – Машинско инжењерство-процесна техника		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Александар Дедић**, ред. проф.		
Р. Бр.	Референца	Категорија
1	Svrzić, S., Djurković, M., Vukićević, A., Nikolić, Z., Mihailović, V., & **Dedić**, A. (**2024**). Sound classification and power consumption to sound	M21

	intensity relation as a tool for wood machining monitoring. European Journal of Wood and Wood Products. https://doi.org/10.1007/s00107-024-02139-2	
2	Miric-Milosavljevic, M., Svrzic, S., Nikolić, Z., Djurkovic, M., Furtula, M., & **Dedic**, A. (**2024**). Signal processing and machine learning as a tool for identifying idling noises of different circular saw blades. BioResources, 19(1), 1744–1756. https://doi.org/10.15376/biores.19.1.1744-1756	M22
3	Milenković M, Ducić V., Obradović D., **Dedić A.**, Burić D. (**2023**): Climatic and anthropogenic impacts on forest fires in conditions of extreme fire danger on sandy soils, Journal of the Geographical Institute "Jovan Cvijic" SASA, 73(2), pp. 155–168, Geographical Institute "Jovan Cvijić", *Serbian Academy of Science and Art*, Belgrade, Serbia, UDC: 911.2:502.75, https://doi.org/10.2298/IJGI2302155M	M22
4	Salemović D, Dedić **A.**, Jovanović B. (**2021**): Micropolar fluid between two coaxial cylinders (numerical approach), Theoretical and Applied Mechanics, Vol. 48, No.2, p. 159-169**,** Publisher: Serbian Society of Mechanics, *Mathematical Institute of the Serbian Academy of Sciences and Arts*, Belgrade, ISSN: 1450-5584, eISSN: 2406-0925**,** DOI: 10.2298/TAM210823012S**,** COBISS.SR-ID99340556, http://elib.mi.sanu.ac.rs/pages/browse_issue.php?db=tam&rbr=42 https://doi.org/10.2298/TAM210823012S	M23
5	Dedić, A., Svrzić, S., Janevski, J., Stojanović, B., & Milenković, M. (2018). Three-dimensional model for heat and mass transfer during convective drying of wood with microwave heating [Monticello, NY : Marcel Dekker]. Journal of Porous Media, 21(10), 877–886. https://doi.org/10.1615/jpormedia.2018018908	M22
6	Salemović D., Dedić A., Ćuprić N. (2015): A mathematical model and simulation of the drying process of thin layers of potatoes in a conveyor-belt dryer, Thermal Science, Vol. 19, Issue 3, pp. 1107-1118, ISSN: 2334-7163 (online), ISSN: 0354-9836 (print), DOI: 10.2298/TSCI130920020S. https://thermalscience.vinca.rs/pdfs/papers-2014/TSCI130920020S.pdf	M22

Ужа научна област – Финална преради дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Тања Палија**, ванр. проф.		
Р. Бр.	Референца	Категорија
1	Simić, I., Džinčić, I., & **Palija**, T. (**2023**). The influence of moisture content on strength of window corner joint. Drewno, 66(212), 1–9. https://doi.org/10.53502/wood-176609	M23
2	Džinčić, I., **Palija**, T., Dacić, V., & Živanić, D. (**2021**). Determination of the strength performance of table frames [Concepción : Universidad del Bío-Bío]. *Maderas. Ciencia Y Tecnología*, 23(article no. 61), 1–10. https://doi.org/10.4067/s0718-221x2021000100461	M22

3	Zdravković, V., **Palija**, T., Lovrić, A., & Obradović, A. (**2020**). Impact of Pressing Regime and Substrate Type on Bond Quality of Decorative Veneer [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. *Bioresources*, 15(2), 2668–2679. https://doi.org/10.15376/biores.15.2.2668-2679	M21
4	Zdravković, V., **Palija**, T., Lovrić, A., & Obradović, A. (**2020**). Impact of Pressing Regime and Substrate Type on Bond Quality of Decorative Veneer [Raleigh, N.C. : Dept. of Wood and Paper Science, College of Natural Resources, North Carolina State University]. *Bioresources*, 15(2), 2668–2679. https://doi.org/10.15376/biores.15.2.2668-2679	M21
5	**Palija**, T. B., Jaić, M., Dzinčič, I., Sućur, A., & Dobic Jovan, . (**2018**). Variability of dry film thickness of a coating applied by roller coater on wood in a real industrial process [Poznań : Wydawnictwo Instytutu Technologii Drewna]. *Drewno*, 61(201), 153–164. https://doi.org/10.12841/wood.1644-3985.251.13	M22
6	Džinčić, I. S., **Palija**, T. B., Mihailović, V. M., & Mirić-Milosavljević, M. J. (**2017**). Size and character of the loads in corner joints within storage furniture. *Wood Research*, 3(62), 451–459. Pulp and Paper Research Institute, Slovakia. http://www.woodresearch.sk/wr/201703/10.pdf https://enauka.gov.rs/handle/123456789/476191	M22

Ужа научна област – Финална преради дрвета		
ИМЕ И ПРЕЗИМЕ НАСТАВНИКА: др **Бранко Главоњић,** ред. проф.		
Р. Бр.	Референца	Категорија
1	Manja K. Kuzman, **Branko Glavonjić**, Andreja Pirc Barčić, Murčo Obućina, Eva Haviarova, Petra Grošelj. (**2024**): **Exploring attitudes towards extending lifecycle of wood products by cascading: a case study in Bosnia and Herzegovina, Croatia, Serbia, and Slovenia. Wood Material Science and Engineering,** *Wood Material Science & Engineering* (SWOO); https://doi.org/10.1080/17480272.2023.2294345 Available at: https://www.tandfonline.com/doi/full/10.1080/17480272.2023.2294345	M21
2	Maja Radosavljević1, Todora Rogelja, Mauro Masiero, Dragan Čomić, **Branko Glavonjić**, Davide Pettenella. (**2024**): **Institutional and actor-oriented factors influencing ensuring timber legality in selected Western Balkan countries: Multiple case study of Croatia, Montenegro, Serbia, Slovenia, and the Republic of Srpska (Bosnia and Herzegovina).** *Forest Policy and Economics*; Volume 166, Online ISSN: 1872-7050, Print ISSN: 1389-9341, Available at Forest Policy and Economics | Vol 166, https://doi.org/10.1016/j.forpol.2024.103261	M21a+
2	Daša Krapež Tomec, Leon Oblak, Manja Kitek Kuzman, **Branko Glavonjić**, Teja Bizjak Govedič. (**2024**): **Environmental Assessment/Evaluation of 3D Printing and 3D Printing with Wood-PLA Composites - Case study,** *Drvna industrija*, Volume 75 (2024), Issue 1, p. 49-59, UDK: 674.816, https://doi.org/10.5552/drvind.2024.0107	M22

	UDK Časopisa 630*8+674 Coden: Drinat ISSN 0012-6772, available at: https://www.drvnaindustrija.com/archive/volume-2024-issue-1/	
4	Kitek Kuzman, M., Oblak L., **Glavonjić**, B., Pirc Barčić, A., Obućina, M., Haviarova, E., Grošelj, P. (**2022**): Impact of COVID-19 on wood-based products industry: An exploratory study in Slovenia, Croatia, Serbia, and BiH, *Wood Material Science & Engineering*, **Published online:** 09 Aug 2022; https://doi.org/10.1080/17480272.2022.2109210; SWOO2109210 VOL 0, ISS 0, Availble at: https://doi.org/10.1080/17480272.2022.2109210 odštampana verzija Wood Material Science & Engineering, Volume 18, Issue 3 (2023), Pages: 1115-1126; **ISSN**: 1748-0272 Online **ISSN**: 1748-0280. available at: https://www.tandfonline.com/toc/swoo20/18/3	M21a
5	Lazarević, A., **Glavonjić**,B., Oblak,L., Kalem,M., Čomić,D. (**2022**): **Analysis of Operational Efficiency of Wooden Chair Manufacturing Companies in Serbia using DEA**, *Drvna industrija*, No.73, Vol. 1, p.81-90, https://doi.org/10.5552/drvind.2022.2136; ISSN 0012-6772 (Tisak),ISSN 1847-1153 (Online), available at: https://www.drvnaindustrija.com/archive/volume-2022-issue-1/analysis-of-operational-efficiency-of-wooden-chair-manufacturing-companies-in-serbia-using-dea/	M22
6	Radosavljević, Maja., Masiero Mauro, Rogelja Todora, **Glavonjić** B.: (**2021**): Adaptation to EUTR requirements: Insights from Slovenia, Croatia, and Serbia, *Forests*, Volume 12, Issue 12, https://doi.org/10.3390/f12121665; ISSN: 1999-4907 [IF(2020) =2.633] (M21), available at: https://www.mdpi.com/1999-4907/12/12/1665/htm	M21a
7	Pirc Barčić,A., Grošelj, P., Oblak, L., Motik, D., Kaputa, V., **Glavonjić, B**., Bego, M., Perić, I. (**2020**): **Possibilities of Increasing Renewable Energy in Croatia, Slovenia and Slovakia – Wood Pellets**, *Drvna industrija*, Vol. 71 (4), Faculty of Forestry, University of Zagreb, ISSN: 012-6772, p. 395-402, https://doi.org/10.5552/drvind.2020.2024, [IF(2019) =0.663]	M23
8	**Glavonjić, B.,** Paluš, H., Lazarević, A. (**2020**): **Applying the econometric modelling on the monitoring of wood energy consumption in households: case study Southwestern Serbia**, *Thermal Science*, Vinča Institute of Nuclear Sciences, Belgrade, Vol. 24, No: 6B, p. 4197-4208, ISSN: 0354-9836, https://doi.org/10.2298/TSCI200118173G, [IF(2019) =1.574]	M22
9	Oblak,L., **Glavonjić**,B., Pirc Barčić,A., Bizjak Govedič, T., Grošelj, P.(2020): Preferences of different target groups of consumers in case of furniture purchase, *Drvna industrija*, Vol. 71 (1), Faculty of Forestry, University of Zagreb, ISSN: 012-6772, p.79-87, https://doi.org/10.5552/drvind.2020.1932, [IF(2019) =0.663]	M23
10	**Glavonjić**, B., Lazarević, A., Oblak, L., Kalem, M., & Sretenović, P. (**2020**). Competitiveness of selected south-eastern european countries in european union wood flooring market [Zagreb : Generalna direkcija drvne industrije NR Hrvatske]. *Drvna Industrija*, 71(3), 281–288. https://doi.org/10.5552/drvind.2020.1963	M22
11	**Glavonjić**, B., Oblak, L., Comic, D., Lazarević, A., & Kalem, M. (**2017**). Wood fuels consumption in households in Bosnia and Herzegovina	M22

	[Belgrade : Vinča Institute of Nuclear Science]. Thermal Science, 21(5), 1881–1892. https://doi.org/10.2298/tsci170102034g	
12	Paluš, H., Parobek, J., Vlosky, R. P., Motik, D., Oblak, L., Jošt, M., **Glavonjić**, B., Dudík, R., & Wanat, L. (**2017**). The status of chain-of-custody certification in the countries of Central and South Europe. European Journal of Wood and Wood Products, 76(2), 699–710. https://doi.org/10.1007/s00107-017-1261-0	M21
13	**Glavonjić**, B., Krajnc, N., & Palus, H. (**2015**). Development of wood pellets market in South East Europe [Belgrade : Vinča Institute of Nuclear Science]. Thermal Science, 19(3), 781–792. https://doi.org/10.2298/tsci150213057g	M22