Universitatea
Transilvania
din Braşov

FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE NAŢIONALE ÎN CONFORMITATE CU GRILA DE EVALUARE A COMISIEI *CNATDCU*

Domeniul fundamental „Ştiinţe inginereşti"
Comisia de specialitate „Ingineria resurselor vegetale şi animale"

Îndeplinirea indicatorilor specifici de evaluare **FH-Prof Dr Thomas Schnabel**

Categoria: Profesor universitar			
Nr. crt.	Criteriul de îndeplinit	Minim de îndeplinit	Punctaj realizat
1.	A1.Activitatea didactică/profesională	100	114.42
2.	A2. Activitatea de cercetare	260	1007.28
3.	A3. Recunoaştere şi impactul activităţii	60	1003.23
TOTAL		**420**	**2124.93**

Activitatea candidatului

Criteriul	Denumire	Descriere (Calcul punctaj)	Nr. puncte realizate	*Cerinţe minimale* CNATDCU
A1	A 1.1. 1.Cărţi şi capitole în cărţi de specialitate ca autor	**A1.1.1.1.Cărţi şi capitole cu ISBN în cărţi de specialitate internaţionale**		
		Schnabel T, Atena A, Patzelt D, Palm M, Romagnoli M, Portoghesi L, Vinciguerra V, Paletto A, Teston F, Volgar G E, Grebenc T, Krajnc N (2020) Possible opportunities to foster the development of innovative alpine timber value chains with regard to bio-economy and circular economy. Cuvillier Verlag. Göttingen ISBN 978-3-7369-7172-1, pp. 90; https://cuvillier.de/de/shop/publications/8195-possible-opportunities-to-foster-the-development-of-innovative-alpine-timber-value-chains-with-regard-to-bio-economy-and-circular-economy I= [90/(2*12)]	3.75	
		Schnabel T, Barbu MC, Nagl K, Krenn S (2020) Innovativer Einsatz von ein- und mehrjährigen Pflanzen als Dämmmaterial. Cuvillier Verlag. Göttingen ISBN 978-3-7369-7184-4, pp 85 https://cuvillier.de/de/shop/publications/8207-innovativer-einsatz-von-ein-und-mehrjahrigen-pflanzen-als-dammmaterial I= [85/(2*4)]	10.63	
		Tondi G, **Schnabel T** (2020) Bio-Based Polymers for Engineered Green Materials. In: Bio-Based Polymers for Engineered Green Materials. Tondi G, Schnabel T (eds). MDPI Basel. ISBN 978-3-03928-925-7, pp. 1-4 https://doi.org/10.3390/books978-3-03928-926-4 https://www.mdpi.com/books/pdfview/book/2290 I=[(4/(2*2)]	1.00	
		Wagner K, Musso M, Kain S, Willför S, Petutschnigg A, **Schnabel T** (2020) Larch wood residues valorization through extraction and unitlization of high value-added products. In: Bio-Based Polymers for Engineered Green Materials. Tondi G, Schnabel T (eds). MDPI Basel. ISBN 978-3-03928-925-7, pp. 33-44 https://doi.org/10.3390/books978-3-03928-926-4 https://www.mdpi.com/books/pdfview/book/2290 I=[(11/(2*6)]	0.92	
		Sepperer T, Neubauer J, Eckardt J, **Schnabel T**, Petutschnigg A, Tondi G (2020) Pollutant Absorption as a Possible End-Of-Life Solution for Polyphenolic Polymers. In: Bio-Based Polymers for Engineered Green Materials. Tondi G, Schnabel T (eds). MDPI Basel. ISBN 978-3-03928-925-7, pp. 533-442 https://doi.org/10.3390/books978-3-03928-926-4 https://www.mdpi.com/books/pdfview/book/2290 I=[(9/(2*6)]	0.75	
		Schnabel T, Teischinger A, Sandberg D (2019) Wood modification in Austria: In Wood modification in Europe. A state-of-the-art about processes, products and application. Jones D, Sandberg D, Gali G, Todoro L (eds) University Press Firenze. pp. 39-41 ISSN 2704-5846 DOI 10.36253/978-88-6453-970-6 https://fupress.com/catalogo/wood-modification-in-europe/4008 I= [3/(2*3)]	0.50	

		Total: 6 cărţi şi capitole în cărţi de specialitate internaţionale, dintre care 3 ca prim autor. **6 cărţi şi capitole în cărţi de specialitate internaţionale după ultima promovare (2009)** **CRITERIU (A 1.1.1.1 + A.1.1.1.2) ÎNDEPLINIT**	**TOTAL 17.54 puncte**	***minim 2 ca prim autor*** ***minim 1 după ultima promovare***
	1.2 Suport didactic	**A.1.1.2.1 Manuale, suport de curs inclusiv electronic - fără restricţii**		
		Script and documents for the presentation of Bio-based materials for the study degree programme Forest Products Technology & Timber constrcutions; pp. 97, (additional documents) I=[97/(8*1)]	12.13	
		Script and documents for the presentation of Funding and project aqcuisition for the study degree programme Forest Products Technology & Wood Economy; pp. 73, (additional documents) I=[73/(8*1)]	9.13	
		Script and documents for the presentation of Statistic and process analysis for the study degree programme Forest Products Technology & Timber constrcutions; pp. 155, (additional documents) I=[155/(8*1)]	19.38	
	1.2 Suport didactic	Documents for the presentation of Research methods and design for the study degree programme Forest Products Technology & Wood Economy; pp. 45, (additional documents) I=[45/(8*1)]	5.63	
		Documents for the presentation of Current topics in wood sciences for the study degree programme Forest Products Technology & Wood Economy; pp. 56, (additional documents) I=[56/(8*1)]	7.00	
		Documents for the presentation of Wood modification for the study degree programme Forest Products Technology & Timber constrcutions; pp. 149, (additional documents) I=[149/(8*1)]	18.63	
		Documents for the presentation of introduction in wood properties for the study degree programme Forest Products Technology & Timber constrcutions; pp. 72, (additional documents) I=[72/(8*1)]	9.00	
		1.2.2 Îndrumare de laborator/aplicaţii - fără restricţii		
		Documents of Laboratory introduction for the study degree programme Forest Products Technology & Timber constrcutions; pp. 97, (additional documents); I=[8/(8*1)]	1.00	
		Total criteriu A 1.2.	**TOTAL 81.88 puncte**	
	A 1.3.Coordonare programe de studii,	Introduction and organisation of the Erasmus+ KA107 programme with the University of Belgrade - Faculty of Forestry between 2018 and 2019. (additional documents) (punctaj unic pentru fiecare activitate: 15)		
		Total criteriu A 1.3.	**TOTAL 15.00 puncte**	

TOTAL A1 CRITERIU ÎNDEPLINIT			TOTAL A1 114.42 puncte	*Minim 100puncte*
	A 2.1.1 Articole *in extenso* in reviste cotate Thomson Reuters şi în volume proceedings indexate Thomson-Reuters	**A.2.1.1.Articole *in extenso* in reviste cotate ISI**		
A2		Tondi G, **Schnabel T** (2020) Bio-based polymers for engineered green materials. **Polymers** 12:775 (1-4) DOI 10.3390/polym12040775 https://www.mdpi.com/2073-4360/12/4/775 I= [(35 + 20 * 3.426)/2] * 1	51.76	
		Eckardt J, Neubauer J, Sepperer T, Donato S, Zanetti M, Cefarin N, Vaccari L, Lippert M, Wind M, **Schnabel T**, Petutschnigg A, Tondi G (2020) Synthesis and characterization of high performing, sulphur-free tannin foams. **Polymers** 12:564 (1-12) DOI 10.3390/polym12030564 https://www.mdpi.com/2073-4360/12/3/564 I= [(35 + 20 * 3.426)/12] * 1	8.63	
		Pieratti E, Paletto A, Atena A, Bernardi S, Palm M, Patzelt D, Romagnoli M, Teston F, Voglar GE, Grebenc T, Krajnc N, **Schnabel T** (2020) Environmental and climate change impacts of eighteen biomass-based plants in the alpine region: A comparative analysis. **Journal of Cleaner Production** 242:118449 (1-12) DOI 10.1016/j.jclepro.2019.118449 https://www.sciencedirect.com/science/article/pii/S0959652619333190 I= [(35 + 20 * 7.246)/12] * 1	14.99	
		Wagner K, Musso M, Kain S, Willför S, Petutschnigg A, **Schnabel T (corresponding author)** (2020) Larch wood residues valorization through extraction and utilization of high value-added products. **Polymers** 12:359 (1-12) DOI 10.3390/polym12020359 https://www.mdpi.com/2073-4360/12/2/359 I= [(35 + 20 * 3.426)/6] * 2	34.51	
		Huber H, Haas R, Petutschigg A, Grüll G, **Schnabel T (corresponding author)** (2019) Changes in wettability of wood surface using electron beam irradiation. **Wood Material Science & Engineering**. (1-4) DOI: 10.1080/17480272.2019.1580310 https://www.tandfonline.com/doi/full/10.1080/17480272.2019.1580310 I= [(35 + 20 * 1.265)/5] * 2	24.12	
		Tondi G, Cefarin N, Sepperer T, D'Amico F, Berger RJF, Musso M, Birarda G, Reyer A, **Schnabel T**, Vaccari L (2019) Understanding the polymerisation of polyfurfuryl alcohol: Ring opening and Diels-Alder reaction. **Polymers** 11(12):2126 (1-15) DOI 10.3390/polym11122126 https://www.mdpi.com/2073-4360/11/12/2126 I= [(35 + 20 * 3.426)/10] * 1	10.35	
		Schnabel T, Barbu MC, Windeisen-Holzhauser E, Petutschnigg A, Tondi G (2019) Impact of leather on the fire resistance of leather-wood fibreboard: FT-IR spectroscopy and pyrolysis-GC-MS investigation. **Advances in Materials Science and Engineering**. 2019(4):1-8 DOI 10.1155/2019/2473927. https://www.hindawi.com/journals/amse/2019/2473927/ I= [(35 + 20 * 1.271)/5] * 2	24.17	

		Schnabel T, Huber H, Petutschnigg A (2017) Modelling and simulation of deformation behavior during drying using a concept of linear difference method. **Wood Science and Technology**. 51(3):463-473 DOI 10.1007/s00226-017-0897-6 https://link.springer.com/article/10.1007/s00226-017-0897-6 I= [(35 + 20 * 1.706)/3] * 2	46.08	
		Wagner K, Roth C, Willför S, Musso M, Petutschigg A, Oostingh GJ, **Schnabel T** (2019) Identification of antimicrobial compounds in different hydrophilic larch bark extracts. **BioRescources** 14(3):5807-5815 (1-9) DOI 10.15376/biores.14.3.5807-5815 https://bioresources.cnr.ncsu.edu/resources/identification-of-antimicrobial-compounds-in-different-hydrophilic-larch-bark-extracts/ I= [(35 + 20 * 1.409)/7] * 1	9.03	
		Seperer T, Neubauer J, Eckardt J, **Schnabel T**, Petutschigg A, Tondi G (2019) Pollutant absorption as a possible end-of-life solution for polyphenolic polymers. **Polymers**. 11(5):911- 921 DOI 10.3390/polym11050911 https://www.mdpi.com/2073-4360/11/5/911 I= [(35 + 20 * 3.426)/6] * 1	17.25	
		Griebeler C, Tondi G, **Schnabel T**, Iglesias C, Ruiz S (2018) Reduction of the surface colour variability of thermally modified Eucalyptus globulus wood by colour pre-grading and homogeneity thermal treatment. **European Journal of Wood and Wood Products**. 76:1495-1504 DOI 10.1007/s00107-018-1310-3 https://link.springer.com/article/10.1007/s00107-018-1310-3 I= [(35 + 20 * 1.901)/5] * 1	14.60	
		Tondi G, Grünewald T, Petutschnigg A, **Schnabel T** (2015) ATR FTIR mapping of leather fiber panels. Journal of Applied Spectroscopy 81(6):1078-1080 DOI 10.1007/s10812-015-0055-6 https://link.springer.com/article/10.1007/s10812-015-0055-6 I= [(35 + 20 * 0.510)/4] * 1	11.30	
		Kavian-Jahromi N, Schagerl L, Dürschmied B, Enzinger S, Schnabl C, **Schnabel T**, Petutschnigg A (2015) Comparison of the antibacterial effects of sapwood and heartwood of the larch tree focusing on the use in hygiene sensitive areas. **European Journal of Wood and Wood Products.** 73:841-844 DOI 10.1007/s00107-015-0935-8 https://link.springer.com/article/10.1007/s00107-015-0935-8 I= [(35 + 20 * 1.081)/7] * 1	8.09	
		Schnabel T, Huber H, Grünewald T, Lichtenegger HC, Petutschnigg A. (2015) Changes in mechanical and chemical wood properties by electron beam irradiation. **Applied Surface Science** 332:704-709 DOI 10.1016/j.apsusc.2015.01.142 https://www.sciencedirect.com/science/article/pii/S0169433215001671 I= [(35 + 20 * 3.150)/5] * 2	39.20	
		Schnabel T, Huber H (2014) Improving the weathering on larch wood samples by electron beam irradiation (EBI). **Holzforschung** 68(6):679-683 DOI 10.1515/hf-2013-0181 https://www.degruyter.com/view/journals/hfsg/68/6/article-p679.xml I= [(35 + 20 * 1.565)/2] * 2	66.30	
		Laireiter CM, **Schnabel T**, Köck A, Stalzer P, Petutschnigg A, Oostingh GJ, Hell M (2014) Active anti-microbial effects of larch and pine wood on four bacterial strains. BioResources 9(1):273-281 DOI 10.15376/biores.9.1.273-281, https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_09_1_273_Laireiter_Antimicrobial_Larch_Pine I= [(35 + 20 *1.425)/7] * 1	9.07	

		Ebner M, Petutschnigg A, **Schnabel T**, Sternad B, Huskic A, Gaubinger K (2014) Development of an automated wood welding process. **Journal of Adhesion Science and Technology** 28(18):1783-1791 DOI 10.1080/01694243.2014.922159 https://www.tandfonline.com/doi/abs/10.1080/01694243.2014.922159 I= [(35 + 20 *0.961)/6] * 1	9.04	
		Petutschnigg A, Stöckler M, Steinwendner F, Schnepps J, Gütler H, Blinzer J, Holzer H, **Schnabel T** (2013) Laser treatment of wood surfaces for ski cores: An experimental parameter study. **Advances in Materials Science and Engineering** DOI 10.1155/2013/123085 https://www.hindawi.com/journals/amse/2013/123085/ I= [(35 + 20 *0.897)/8] * 1	6.62	
		Tondi G, Palanti S, Wieland S, Thevenon MF, Petutschnigg A, **Schnabel T** (2012) Durability of tannin-boron-treated timber. **BioResources** 7(4):5138-5151 DOI 10.15376/biores.7.4.5138-5151. https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/3086 I= [(35 + 20 *1.309)/6] * 1	10.20	
		Tondi G, Wieland S, Wimmer T, **Schnabel T**, Petutschnigg A (2012) Starch-sugar synergy in wood adhesion science: Basic studies and particleboard production. **European Journal of Wood and Wood Products** 70:271-278 DOI 10.1007/s00107-011-0553-z https://link.springer.com/article/10.1007/s00107-011-0553-z I= [(35 + 20 *0.888)/5] * 1	10.55	
		Schnabel T, Petutschnigg AJ (2011) Modelling colour changes of wood for architectural CAD simulations. **COMPUTER-AIDED DESIGN** 43:1849-1853 DOI 10.1016/j.cad.2011.09.001 https://www.sciencedirect.com/science/article/pii/S0010448511002326 I= [(35 + 20 *1.234)/2] * 2	59.68	
		Total: 21 articole *in extenso* in reviste cotate ISI, din care 7 articole ca prim autor/autor corespondent **14 articole in extenso in reviste cotate ISI, din care 5 articole ca prim autor/autor corespondent în ultimii 5 ani** **21 articole în reviste ISI de la ultima promovare** **CRITERIU (A 2.1.1) ÎNDEPLINIT**	**TOTAL 485.53 puncte**	***Minim 8 articole ISI,*** ***Minim 4 in reviste cotate ISI, La 4 lucrari sa fie autor principal/co respondent,*** ***Minim 3 lucrari dupa ultima promovare sau in ultimii 5 ani)***
		A 2.2.1. Articole *in extenso* în reviste indexate BDI		
		Kästner D, Petuschnigg A, **Schnabel T**, Illy A, Taylor AM (2016) The influence of wood surface color on the performance of luminescent. **Forest Products Journal**. 66(3/4):211-213 DOI 10.13073/FPJ-D-15-00036 https://forestprodjournals.org/doi/abs/10.13073/FPJ-D-15-00036 I= [15/5] * 1	3.00	

		Huber H, **Schnabel T** (2015) Electron beam irradiation of wood: An experimental parameter study. **Forest Products Journal** 65(3/4):S2-S9 DOI 10.13073/65.3-4.S1 https://go.gale.com/ps/anonymous?id=GALE%7CA421213299&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=00157473&p=AONE&sw=w I= [15/2] * 1	7.50	
	A 2.2..Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date (BDI)	Huber H, Wimmer T, **Schnabel T**, Petutschnigg A (2015) Analysis of the deformation of wood during the drying process: An experimental approach. Forest Products Journal 65(3/4):S10-15 DOI 10.13073/65.3-4.S1 https://go.gale.com/ps/anonymous?id=GALE%7CA421213300&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=00157473&p=AONE&sw=w I= [15/4] * 1	3.75	
		Schnabel T, Barbu MC, Huber H, Petutschnigg A, Jäger A (2019) Analysis of plant materials pre-treated plant materials for their usability as insulation materials and different applications. **Pro Ligno** 15(4): 24-31 Online ISSN 2069-7430, ISSN-L 1841-4737 http://www.proligno.ro/ro/articles/2019/4/SCHNABEL.pdf I= [15/5] * 2	6.00	
		Wagner K, **Schnabel T**, Barbu MC, Petutschnigg A (2015) Analysis of selected properties of fibreboard panels manufactured from wood and leather using the near infrared spectroscopy. **International Journal of Spectroscopy**. (1-7) DOI 10.1155/2015/691796 https://www.hindawi.com/journals/ijs/2015/691796/ I= [15/4] * 1	3.75	
		Schnabel T, Musso M, Tondi G (2014) Univariate and multivariate analysis of tannin-impregnated wood species by using vibrational spectroscopy. **Applied Spectroscopy** 68(4):488-494 DOI 10.1366/13-07181 https://pubmed.ncbi.nlm.nih.gov/24694706/ I= [15/3] * 2	10.00	
		Schnabel T, Huber H, Petutschnigg A, Jäger A (2019) Analysis of plant materials pre-treated by steam explosion technology for their usability as insulating materials. **Agronomy Research** 17: 1191-1198. DOI 10.15.159/AR.19.061 https://agronomy.emu.ee/index.php/category/volume-17-2019/special-issue-i-volime-17-2019/?aid=6602&sa=0#abstract-6601 I= [15/4] * 2	7.50	
		Krenn S, Huber H, Barbu MC, Petutschnigg A, **Schnabel T (corresponding author)** (2017) Dämmplatten aus ein- und mehrjährigen Pflanzen gebunden mit Tannin und anderen Klebstoffen. holztechnologie 58(6):33-39 ISSN 0018-33881 https://www.ihd-dresden.com/fileadmin/user_upload/pdf/IHD/wissensportal/HOT/Inhaltsverzeichnisse/2017/04_Inhalt_2017_6.pdf I= [15/5] * 1	3.00	
		Krenn S, Huber H, Barbu MC, Petutschnigg A, **Schnabel T** (2017) Insulation boards made of annual and perennial plants bonded with tannins and other adhesives. **Pro Ligno** 13(4):227-235 Online ISSN 2069-7430, ISSN-L 1841-4737. Ed. Univ. Transilvania Brasov http://www.proligno.ro/en/articles/2017/4/KRENN.pdf I= [15/5] * 1	3.00	

Thomas Schnabel

		Rindler A, Solt P, Barbu MC, **Schnabel T** (2015) Leather waste valorisation through material innovation: Some properties of leather wood fireboard. **Pro Ligno** 11(4):138-143 Online ISSN 2069-7430, ISSN-L 1841-4737. Ed. Univ. Transilvania Brasov http://www.proligno.ro/en/articles/2015/4/Rindler_final.pdf I= [15/4] * 1	3.75	
		Nagl K, Jäger A, Huber H, Barbu MC, Petutschnigg A, **Schnabel T (corresponding author)** (2015) Einsatz von ein- und mehrjährigen Pflanzenarten für Dämmmaterial. **holztechnolgie** 56(6):19-23 ISSN 0018-33881 https://www.ihd-dresden.com/fileadmin/user_upload/pdf/IHD/wissensportal/HOT/Inhaltsverzeichnisse/2015/04_Inhalt_2015_6.pdf I= [15/6] * 1	2.50	
		Nagl K, Barbu MC, **Schnabel T**, Petutschnigg A, Jäger A, Huber H (2015) Use of annual and perennial plants for dimensionally stable insulation panels. **Pro Ligno** 11(4):181– 186 Online ISSN 2069-7430, ISSN-L 1841-4737. Ed. Univ. Transilvania Brasov http://www.proligno.ro/en/articles/2015/4/Nagl_final.pdf I= [15/6] * 1	2.50	
		Solt P, Rindler A, **Schnabel T (corresponding author)**, Barbu MC, Petutschnigg A (2015) Hochverdichteter Verbundwerkstoff auf Basis von Lederfalzresten und Holzfasern. holztechnologie 56(5):19-24 ISSN 0018-33881 https://www.ihd-dresden.com/fileadmin/user_upload/pdf/IHD/wissensportal/HOT/Inhaltsverzeichnisse/2015/04_Inhalt_2015_5.pdf I= [15/5] * 1	3.00	
		Mòdol EC, Wimmer T, Huber H, **Schnabel T** (2014) An approach for colour homogenisation of chestnut (Castanea sative [Mill.]) by thermal modification. **International Wood Products Journal** 5(2):69-73 DOI 10.1179/2042645313Y.0000000056 https://www.tandfonline.com/doi/abs/10.1179/2042645313Y.0000000056 I= [15/4] * 1	3.75	
		Tondi G, **Schnabel T**, Wieland S, Petutschnigg A (2013) Surface properties of tannin treated wood during natural and artificial weathering. **International Wood Products Journal** 4(3):150-157 DOI 10.1179/2042645313Y.0000000047 https://www.tandfonline.com/doi/abs/10.1179/2042645313Y.0000000047?journalCode=ywpj20 I= [15/4] * 1	3.75	
		Standfest G, Wimmer T, Bajraktari A, **Schnabel T**, Petutschnigg AJ (2012) Ausgewählte mechanische Eigenschaften der Zerreiche (Quercus cerris L.) **holztechnologie** 53(1):5-10 ISSN 0018-33881 https://www.ihd-dresden.com/fileadmin/user_upload/pdf/IHD/wissensportal/HOT/Inhaltsverzeichnisse/2012/04_Inhalt_2012_1.pdf I= [15/5] * 1	3.0	
		Standfest G, **Schnabel T**, Bajraktari A, Wimmer T, Ebner M, Petetuschnigg AJ (2012) Ausgewählte physikalische Eigenschaften der Zerreiche (Quercus cerris L.). **holztechnologie** 53(3):5-9 ISSN 0018-33881 https://www.ihd-dresden.com/fileadmin/user_upload/pdf/IHD/wissensportal/HOT/Inhaltsverzeichnisse/2012/04_Inhalt_2012_3.pdf I= [15/6] * 1	2.50	

		Schnabel T, Zimmer B, Petutschnigg AJ (2009) On the Modelling of Colour Changes of Wood Surfaces. **European Journal of Wood and Wood Products** 67:141-149 DOI 10.1007/s00107-008-0293-x. https://link.springer.com/article/10.1007/s00107-008-0293-x I= [15/4] * 2	10.00	
		Schnabel T, Zimmer B, Petutschnigg AJ, Schönberger S (2007) An Approach to Classify Thermally Modified Hardwoods by Color. **Forest Products Journal** 57(9):105-110 ISSN: 0015-7473 https://www.google.at/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjE7uXAidLqAhU6UhUIHbm-DvsQFjAAegQIARAB&url=http%3A%2F%2Fwww.bifne.de%2Ffileadmin%2F_migrated%2Fcontent_uploads%2F2007a_Schnabel_-_Zimmer_Bernhard_-_Thermoholz_Farbmessung_QualitA_t_-_bifne_-_Forest_products_Journal.pdf&usg=AOvVaw3cnRqdqxswTctqYoItiFXO I= [15/4] * 2	7.50	
		TOTAL 19 articole in extenso în reviste indexate BDI (la 5 articole, prim autor/autor corespondent)	**TOTAL 89.75 puncte**	
		A 2.2.1. Articole in extenso în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI)		
		Wieland S, **Schnabel T**, Wimmer T, Stoll R, Rothbucher R (2010) Use of valuable by-products from leather production for new applications. Teischinger A, Barbu MC, Dunky M, Harper D, Jungmeier G, Militz H, Musso M, Petutschnigg A, Pizzi A, Wieland S, Young TM (eds.) Processing Technologies for the Forest and Bio-based Products Industries, 1st International Conference on Processing Technologies for the Forest and Biobased Products Industries. 6-8 Oct. 2010. Salzburg University of Applied Sciences. Kuchl, Austria, pp.72-77 https://www.books-express.ro/processing-technologies-for-the-forest-and-biobased-product-industries/p/kjb,9783643502193 https://books.google.ro/books?id=Faji9eEG29gC&pg=PA75&source=gbs_selected_pages&cad=3#v=onepage&q&f=false I= [15/5] * 1	3.00	
		Wagner K, Huber H, Petutschnigg A, **Schnabel T** (2016) Analysis of condensation products of poplar wood during a drying process. In: Eco-efficient resource wood with special focus on hardwoods in conjunction with the Conference of climate protection through forestry, renewable materials, smart technologies and environmental education. 8-9th September, Sopron, Hungary. pp. 89-90 ISBN 978-963-334-291-6 https://www.google.at/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwigjrKzwNLqAhXLiFwKHYNSCwgQFjAAegQIAxAB&url=http%3A%2F%2Fpublicatio.nyme.hu%2F1056%2F1%2FHardwood_2016_Proceedings_final_cover.pdf&usg=AOvVaw3rWFYl3wC2qLnymvXjK-_8 I= [15/3] * 1	3.00	

		Meints T, **Schnabel T**, Huber H, Paar K, Hansmann C (2016) Darking of oak wood during different drying processes. In: Eco-efficient resource wood with special focus on hardwoods in conjunction with the Conference of climate protection through forestry, renewable materials, smart technologies and environmental education. 8-9th September, Sopron, Hungary. pp. 56-57 ISBN 978-963-334-291-6 https://www.google.at/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwigjrKzwNLqAhXLiFwKHYNSCwgQFjAAegQIAxAB&url=http%3A%2F%2Fpublicatio.nyme.hu%2F1056%2F1%2FHardwood_2016_Proceedings_final_cover.pdf&usg=AOvVaw3rWFYl3wC2qLnymvXjK-_8 I= [15/5] * 1	3.00	
		Wagner K, Willför S, Huber H, Petutschnigg A, **Schnabel T** (2018) Characterisation of extractives from black alder. In: Németh, R, Teischinger A, Rademacher P, Bak M (eds) 8th Harwood conference with special focus on "new aspects of hardwood utilization – from science to technology, Sopron, pp. 86-87 ISBN 978-963-359-095-9 ISSN 2631-004X https://www.google.at/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwi5j86Aw9LqAhXhoFwKHYUJCAYQFjADegQIAhAB&url=http%3A%2F%2Freal.mtak.hu%2F101239%2F1%2FHWC2018_proceedings%2520HT.pdf&usg=AOvVaw3xxwP-1Mcc4c4UcMrvFgwi I= [15/5] * 1	3.00	
		Total: 4 Articole in extenso în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI),	**TOTAL 12.00 puncte**	
		Total: 23 articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI); **Prim autor/autor corespondent la 5 lucrări** **CRITERIUL A 2.2.1. ÎNDEPLINIT**	**TOTAL 101.75 puncte**	***Minim 15 articole***
		A 2.4.1.1. Director/responsabil/partener proiecte internationale câştigate prin competiţie		
		INTERREG Italien – Österreich: InCIMa4 – InCIMa for Science and SMEs (2019 – 2022) (a budget of € 126300 for SUAS) (additional documents) https://www.incima4.eu/de/home/ I=20*3	60.00	
		INTERREG Italien – Österreich: InCIMa – Smart characterization of smart materials (2019 – 2019) (a budget of € 115500 for SUAS) (additional documents) http://www.elettra.eu/Prj/InCIMa/En/HomePage I=20*1	20.00	
		APRAF (EUSALP): CirculAlps – Innovation to foster sustainability and circular economy in Alpine forestry value chain. (2018 – 2019) (a budget of € 246000 for all partners) (additional documents) https://www.alpine-region.eu/projects/circulalps https://www.alpine-region.eu/projects/circulalps-innovation-foster-sustainability-and-circular-economy-alpine-forestry-value I=20*2	40.00	

		INTERREG Danube Transnational Programme: FORESDA – Forest-based cross-sectoral value chains fostering innovation and competitiveness in the Danube region (2017 – 2019) (a budget of € 220000 for SUAS) (additional documents) http://www.interreg-danube.eu/approved-projects/foresda I=20*2.5	50.00	
		INTERREG V – A Österreich-Deutschland/Bayern 2014-2020: ILBitZ - Innovative Lösungen durch Bionik im transnationalen Zusammenspiel von Wirtschaft und Wissenschaft. (2016 – 2020) (a budget of € 128500 for SUAS) (additional documents) https://www.itg-salzburg.at/projekte/ilbitz---innovative-loesungen-durch-bionik-im-transnationalen-zusammenspiel-von-wirtschaft-und-wissenschaft-19 I=20*3.5	70.00	
		A 2.4.1.2. Director/responsabil/partener proiecte naționale câștigate prin competiție		
		WISS 2025: aHolz – thermisch aktiviertes Brettsperrholz (2019-2021) (2019 – 2021) (a budget of € 140800 for all partners) (additional documents) I=10*2.0	20.00	
		Salzburger Multifunktionsfassade (SMF) (2017 – 2019) (a budget of € 20000 for SUAS) (additional documents) I=10*2.0	20.00	
		FFG Produktion der Zukunft: BioSubTro – Nutzbarmachung von bioaktiven Substanzen bei Trocknungsprozessen (2016 – 2018) (a budget of € 101100) (additional documents) I=10*3.0	30.00	
		FFG Innovationsscheck plus: Splint – Nebenprodukt-Lärchensplintholz. (2016) (a budget of € 12500 for all partners) (additional documents) I=10*1.0	10.00	
		FFG Projekt COIN – Kooperation & Netzwerk: Up-cycling Stroh – Biogene Dämmplatten – Entwicklung und Anwendungsmöglichkeiten. (2013 – 2015) (a budget of € 449000 for all partners) (additional documents) I=10*3.0	30.00	
		FFG Projekt COIN – Kooperation & Netzwerk: FLAME – Integrierte (Markt-) Entwicklung von natürlichen, flammhemmenden Werkstoffen aus Lederspänen für erhöhte Brandsicherheit. (2013 – 2015) (a budget of € 507000 of all partners) (additional documents) I=10*3.0	30.00	
		FFG COIN – Aufbau: AdTro-net - Adsorptionstrocknungsnetzwerk Österreich. (2013 – 2017) (a budget of € 280000 for SUAS)) (additional documents) I=10*4.0	40.00	
		Total: 12 proiecte/contracte în calitate de director, din care **7 proiecte de cercetare naționale și 5 internaționale** **CRITERIUL A 2.4.1 ÎNDEPLINIT**	**TOTAL 420.00 puncte**	***Minim 2 proiecte (valoare/proiect de min.10000 euro)***
TOTAL A2 **CRITERIU ÎNDEPLINIT**			**Total A2 1007.28 puncte**	***Minim 260***

	A 3.1. Citari în reviste ISI şi volumele conferinţelor indexate WOS			
		Eckardt J, Neubauer J, Sepperer T, Donato S, Zanetti M, Cefarin N, Vaccari L, Lippert M, Wind M, **Schnabel T**, Petutschnigg A, Tondi G (2020) Synthesis and characterization of high performing, sulphur-free tannin foams. **Polymers** 12:564 (1-12) DOI 10.3390/polym12030564 https://www.mdpi.com/2073-4360/12/3/564 https://scholar.google.com/scholar?cites=16913131772607241183&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/b066ba5b-3408-382a-af54-ed40656cee62/ Numar citari: **1** I=(10/12)*2	0.83	
	A 3.1. Citari în reviste ISI şi volumele conferinţelor indexate WOS	Pieratti E, Paletto A, Atena A, Bernardi S, Palm M, Patzelt D, Romagnoli M, Teston F, Voglar GE, Grebenc T, Krajnc N, **Schnabel T** (2020) Environmental and climate change impacts of eighteen biomass-based plants in the alpine region: A comparative analysis. **Journal of Cleaner Production** 242:118449 (1-12) DOI 10.1016/j.jclepro.2019.118449 https://www.sciencedirect.com/science/article/pii/S0959652619333190 https://scholar.google.com/scholar?cites=5029975485769365 19&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/53a4bb06-b3c2-3398-a053-1d350598491f/ Numar citari: **6** I=(10/12)*6	5.00	
		Wagner K, Musso M, Kain S, Willför S, Petutschnigg A, **Schnabel T (corresponding author)** (2020) Larch wood residues valorization through extraction and utilization of high value-added products. **Polymers** 12:359 (1-12) DOI 10.3390/polym12020359 https://www.mdpi.com/2073-4360/12/2/359 https://scholar.google.com/scholar?cites=12440445435432575305&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/a71b9dca-dcd9-30f5-87d6-dd3261f8e359/ Numar citari: 1 I=(10/6)*1	1.67	
		Tondi G, Cefarin N, Sepperer T, D'Amico F, Berger RJF, Musso M, Birarda G, Reyer A, **Schnabel T**, Vaccari L (2019) Understanding the polymerisation of polyfurfuryl alcohol: Ring opening and Diels-Alder reaction. **Polymers** 11(12):2126 (1-15) DOI 10.3390/polym11122126 https://www.mdpi.com/2073-4360/11/12/2126 https://scholar.google.com/scholar?cites=17454559484554451409&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/d582d8f4-a77e-38af-a038-d62e928ed844/ Numar citari:1 I=(10/10)*1	1.00	
		Schnabel T, Huber H, Petutschnigg A (2017) Modelling and simulation of deformation behavior during drying using a concept of linear difference method. **Wood Science and Technology**. 51(3):463-473 DOI 10.1007/s00226-017-0897-6 https://link.springer.com/article/10.1007/s00226-017-0897-6 https://www.mendeley.com/catalogue/b92c3c60-8104-38c2-aeb1-c1c3fa06e897/ Numar citari: 5 I=(10/3)*5	16.67	

		Wagner K, Roth C, Willför S, Musso M, Petutschigg A, Oostingh GJ, **Schnabel T** (2019) Identification of antimicrobial compounds in different hydrophilic larch bark extracts. **BioRescources** 14(3):5807-5815 (1-9) DOI 10.15376/biores.14.3.5807-5815 https://bioresources.cnr.ncsu.edu/resources/identification-of-antimicrobial-compounds-in-different-hydrophilic-larch-bark-extracts/ https://scholar.google.com/scholar?cites=14672617506292073220&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/d339fed0-4751-3637-abcf-3675f413c0b2/ Numar citari:3 I=(10/7)*3	4.29	
		Seperer T, Neubauer J, Eckardt J, **Schnabel T**, Petutschigg A, Tondi G (2019) Pollutant absorption as a possible end-of-life solution for polyphenolic polymers. **Polymers**. 11(5):911- 921 DOI 10.3390/polym11050911 https://www.mdpi.com/2073-4360/11/5/911 https://scholar.google.com/scholar?cites=14275428357332893 17&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/d114cc29-b289-3860-a080-a4229cfc7a34/ Numar citari:4 I=(10/6)*4	6.67	
		Griebeler C, Tondi G, **Schnabel T**, Iglesias C, Ruiz S (2018) Reduction of the surface colour variability of thermally modified Eucalyptus globulus wood by colour pre-grading and homogeneity thermal treatment. **European Journal of Wood and Wood Products**. 76:1495-1504 DOI 10.1007/s00107-018-1310-3 https://link.springer.com/article/10.1007/s00107-018-1310-3 https://www.mendeley.com/catalogue/5036e99c-b55f-3528-9457-b5ef870ba301/ Numar citari:1 I=(10/5)*1	2.50	
		Wagner K, **Schnabel T**, Barbu MC, Petutschnigg A (2015) Analysis of selected properties of fibreboard panels manufactured from wood and leather using the near infrared spectroscopy. **International Journal of Spectroscopy**. (1-7) DOI 10.1155/2015/691796 https://www.hindawi.com/journals/ijs/2015/691796/ https://scholar.google.com/scholar?cites=9968429693762619719&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/b5369484-dff9-3821-b227-46297530dc00/ Numar citari:2 I=(10/4)*2	5.00	
		Tondi G, Grünewald T, Petutschnigg A, **Schnabel T** (2015) ATR FTIR mapping of leather fiber panels. Journal of Applied Spectroscopy 81(6):1078-1080 DOI 10.1007/s10812-015-0055-6 https://link.springer.com/article/10.1007/s10812-015-0055-6 https://scholar.google.com/scholar?cites=13480328395074286591&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/789ddf8e-a281-322f-8277-e8a6f1845d48/ Numar citari: 5 I=(10/4)*5	12.50	

		Kavian-Jahromi N, Schagerl L, Dürschmied B, Enzinger S, Schnabl C, **Schnabel T**, Petutschnigg A (2015) Comparison of the antibacterial effects of sapwood and heartwood of the larch tree focusing on the use in hygiene sensitive areas. **European Journal of Wood and Wood Products.** 73:841-844 DOI 10.1007/s00107-015-0935-8 https://link.springer.com/article/10.1007/s00107-015-0935-8 https://scholar.google.com/scholar?cites=6557906946987289742&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/cc324edc-d222-3887-b383-33167d64001a/ Numar citari: 5 I=(10/7)*5	7.14	
		Schnabel T, Huber H, Grünewald T, Lichtenegger HC, Petutschnigg A. (2015) Changes in mechanical and chemical wood properties by electron beam irradiation. **Applied Surface Science** 332:704-709 DOI 10.1016/j.apsusc.2015.01.142 https://www.sciencedirect.com/science/article/pii/S0169433215001671 https://scholar.google.com/scholar?cites=4714272123545811757&as_sdt=2005&sciodt=0,5&hl=de https://scholar.google.de/scholar?oi=bibs&hl=de&cites=5573395803032529527&as_sdt=5 Numar citari: 7 I=(10/5)*7	14.00	
		Schnabel T, Huber H (2014) Improving the weathering on larch wood samples by electron beam irradiation (EBI). **Holzforschung** 68(6):679-683 DOI 10.1515/hf-2013-0181 https://www.degruyter.com/view/journals/hfsg/68/6/article-p679.xml https://scholar.google.com/scholar?cites=17139416625987663801&as_sdt=2005&sciodt=0,5&hl=de Numar citari: 3 I=(10/2)*3	15.00	
		Schnabel T, Musso M, Tondi G (2014) Univariate and multivariate analysis of tannin-impregnated wood species by using vibrational spectroscopy. **Applied Spectroscopy** 68(4):488-494 DOI 10.1366/13-07181 https://pubmed.ncbi.nlm.nih.gov/24694706/ https://scholar.google.com/scholar?cites=17095944860164577354&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/5febb8e4-e3f7-3b2e-beae-ac4faa806e2b/ Numar citari: 9 I=(10/3)*9	30.00	
		Laireiter CM, Schnabel T, Köck A, Stalzer P, Petutschnigg A, Oostingh GJ, Hell M (2014) Active anti-microbial effects of larch and pine wood on four bacterial strains. BioResources 9(1):273-281 DOI 10.15376/biores.9.1.273-281, https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_09_1_273_Laireiter_Antimicrobial_Larch_Pine https://scholar.google.com/scholar?cites=9754196836760164990&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/1be28366-d57e-3452-8402-45765ee793e6/ Numar citari: 14 I=(10/7)*14	20.00	

		Petutschnigg A, Stöckler M, Steinwendner F, Schnepps J, Gütler H, Blinzer J, Holzer H, **Schnabel T** (2013) Laser treatment of wood surfaces for ski cores: An experimental parameter study. **Advances in Materials Science and Engineering** DOI 10.1155/2013/123085 https://www.hindawi.com/journals/amse/2013/123085/ https://scholar.google.com/scholar?cites=14356113513795105886&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/c09bda4f-d12d-3efe-8014-3b6e804df14d/ Numar citari: 7 I=(10/8)*7	8.75	
		Tondi G, Palanti S, Wieland S, Thevenon MF, Petutschnigg A, **Schnabel T** (2012) Durability of tannin-boron-treated timber. **BioResources** 7(4):5138-5151 DOI 10.15376/biores.7.4.5138-5151. https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/3086 https://scholar.google.com/scholar?cites=5853447842224730176&as_sdt=2005&sciodt=0,5&hl=de Numar citari:25 I=(10/6)*25	41.67	
		Tondi G, Wieland S, Wimmer T, **Schnabel T**, Petutschnigg A (2012) Starch-sugar synergy in wood adhesion science: Basic studies and particleboard production. **European Journal of Wood and Wood Products** 70:271-278 DOI 10.1007/s00107-011-0553-z https://link.springer.com/article/10.1007/s00107-011-0553-z https://scholar.google.com/scholar?cites=9973102673586013636&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/09adbde9-09f8-32c8-8975-7711f61a49b3/ Numar citari:29 I=(10/5)*29	58.00	
		Schnabel T, Petutschnigg AJ (2011) Modelling colour changes of wood for architectural CAD simulations. **COMPUTER-AIDED DESIGN** 43:1849-1853 DOI 10.1016/j.cad.2011.09.001 https://www.sciencedirect.com/science/article/pii/S0010448511002326 https://scholar.google.com/scholar?cites=9414400535698847796&as_sdt=2005&sciodt=0,5&hl=de Numar citari: 7 I=(10/2)*7	35.00	
		Schnabel T, Zimmer B, Petutschnigg AJ (2009) On the Modelling of Colour Changes of Wood Surfaces. **European Journal of Wood and Wood Products** 67:141-149 DOI 10.1007/s00107-008-0293-x. https://link.springer.com/article/10.1007/s00107-008-0293-x https://scholar.google.com/scholar?cites=15435665579955337222&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/a7399ba1-300e-385f-bae0-c14cdb8ed1d3/ Numar citari: 29 I=(10/4)*29	72.50	

		Schnabel T, Zimmer B, Petutschnigg AJ, Schönberger S (2007) An Approach to Classify Thermally Modified Hardwoods by Color. **Forest Products Journal** 57(9):105-110 ISSN: 0015-7473 https://www.google.at/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjE7uXAidLqAhU6UhUIHbm-DvsQFjAAegQIARAB&url=http%3A%2F%2Fwww.bifne.de%2Ffileadmin%2F_migrated%2Fcontent_uploads%2F2007a_Schnabel_-_Zimmer_Bernhard_-_Thermoholz_Farbmessung_QualitA_t_-_bifne_-_Forest_products_Journal.pdf&usg=AOvVaw3cnRqdqxswTctqYoItiFXO https://scholar.google.com/scholar?cites=15093899607448441645&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/a4b6f88c-4a6f-37e0-944c-a88e9336edee/ Numar citari: 32 I=(10/4)*32	80.00	
		Mòdol EC, Wimmer T, Huber H, **Schnabel T** (2014) An approach for colour homogenisation of chestnut (Castanea sative [Mill.]) by thermal modification. **International Wood Products Journal** 5(2):69-73 DOI 10.1179/2042645313Y.0000000056 https://www.tandfonline.com/doi/abs/10.1179/2042645313Y.0000000056 https://scholar.google.com/scholar?cites=7168927890496029088&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/055c704a-ed80-39c5-a0cf-d65e3beac287/ Numar citari: 2 I=(10/4)*2	5.00	
		Huber H, **Schnabel T** (2015) Electron beam irradiation of wood: An experimental parameter study. **Forest Products Journal** 65(3/4):S2-S9 DOI 10.13073/65.3-4.S1 https://go.gale.com/ps/anonymous?id=GALE%7CA421213299&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=00157473&p=AONE&sw=w https://scholar.google.com/scholar?cites=4012619962991570441&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/344e7d46-d32b-3bac-95aa-7771a9f5e4fa/ Numar citari: 1 I=(10/2)*1	5.00	
		Kästner D, Petuschnigg A, **Schnabel T**, Illy A, Taylor AM (2016) The influence of wood surface color on the performance of luminescent. **Forest Products Journal**. 66(3/4):211-213 DOI 10.13073/FPJ-D-15-00036 https://forestprodjournals.org/doi/abs/10.13073/FPJ-D-15-00036 https://scholar.google.com/scholar?cites=9889486421653333012&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/90e8d68b-1c50-308a-9a03-f27e690e994c/ Numar citari:1 I=(10/5)*1	2.00	

		Solt P, Rindler A, **Schnabel T (corresponding author)**, Barbu MC, Petutschnigg A (2015) Hochverdichteter Verbundwerkstoff auf Basis von Lederfalzresten und Holzfasern. holztechnologie 56(5):19-24 ISSN 0018-33881 https://www.ihd-dresden.com/fileadmin/user_upload/pdf/IHD/wissensportal/HOT/Inhaltsverzeichnisse/2015/04_Inhalt_2015_5.pdf https://scholar.google.com/scholar?cites=18395984622821539475&as_sdt=2005&sciodt=0,5&hl=de Numar citari: 2 I=(10/5)*2	4.00
		Total (selectie): 219 citari in reviste ISI si volumele conferintelor	**TOTAL 495.35 puncte**
		Citari in reviste BDI si volumele conferintelor BDI	
		Schnabel T, Huber H, Petutschnigg A, Jäger A (2019) Analysis of plant materials pre-treated by steam explosion technology for their usability as insulating materials. **Agronomy Research** 17: 1191-1198. DOI 10.15.159/AR.19.061 https://agronomy.emu.ee/index.php/category/volume-17-2019/special-issue-i-volime-17-2019/?aid=6602&sa=0#abstract-6601 https://scholar.google.com/scholar?cites=16188117513697940580&as_sdt=2005&sciodt=0,5&hl=de Numar citari: 1 I=(5/5)*1	1.00
		Nagl K, Jäger A, Huber H, Barbu MC, Petutschnigg A, **Schnabel T (corresponding author)** (2015) Einsatz von ein- und mehrjährigen Pflanzenarten für Dämmmaterial. **holztechnolgie** 56(6):19-23 ISSN 0018-33881 https://www.ihd-dresden.com/fileadmin/user_upload/pdf/IHD/wissensportal/HOT/Inhaltsverzeichnisse/2015/04_Inhalt_2015_6.pdf https://scholar.google.com/scholar?cites=10800768079704650361&as_sdt=2005&sciodt=0,5&hl=de Numar citari:2 I=(5/6)*2	1.67
		Krenn S, Huber H, Barbu MC, Petutschnigg A, **Schnabel T** (2017) Insulation boards made of annual and perennial plants bonded with tannins and other adhesives. **Pro Ligno** 13(4):227-235 Online ISSN 2069-7430, ISSN-L 1841-4737. Ed. Univ. Transilvania Brasov http://www.proligno.ro/en/articles/2017/4/KRENN.pdf https://scholar.google.com/scholar?cites=16840727968339800155&as_sdt=2005&sciodt=0,5&hl=de Numar citari:1 I=(5/5)*1	1.00
	A 3.2.Citari in reviste BDI si volumele	Wagner K, **Schnabel T**, Barbu MC, Petutschnigg A (2015) Analysis of selected properties of fibreboard panels manufactured from wood and leather using the near infrared spectroscopy. **International Journal of Spectroscopy**. (1-7) DOI 10.1155/2015/691796 https://www.hindawi.com/journals/ijs/2015/691796/ https://scholar.google.com/scholar?cites=9968429693762619719&as_sdt=2005&sciodt=0,5&hl=de Numar citari: 1 I=(5/4)*1	1.25

		Standfest G, Wimmer T, Bajraktari A, **Schnabel T**, Petutschnigg AJ (2012) Ausgewählte mechanische Eigenschaften der Zerreiche (Quercus cerris L.) **holztechnologie** 53(1):5-10 ISSN 0018-33881 https://www.ihd-dresden.com/fileadmin/user_upload/pdf/IHD/wissensportal/HOT/Inhaltsverzeichnisse/2012/04_Inhalt_2012_1.pdf https://scholar.google.com/scholar?cites=17317432276104574 28&as_sdt=2005&sciodt=0,5&hl=de Numar citari:2 I=(5/5)*2	2.00	
		Petutschnigg A, Stöckler M, Steinwendner F, Schnepps J, Gütler H, Blinzer J, Holzer H, **Schnabel T** (2013) Laser treatment of wood surfaces for ski cores: An experimental parameter study. **Advances in Materials Science and Engineering** DOI 10.1155/2013/123085 https://www.hindawi.com/journals/amse/2013/123085/ https://scholar.google.com/scholar?cites=14356113513795105886&as_sdt=2005&sciodt=0,5&hl=de Numar citari:2 I=(5/8)*2	1.25	
		Nagl K, Barbu MC, **Schnabel T**, Petutschnigg A, Jäger A, Huber H (2015) Use of annual and perennial plants for dimensionally stable insulation panels. **Pro Ligno** 11(4):181– 186 Online ISSN 2069-7430, ISSN-L 1841-4737. Ed. Univ. Transilvania Brasov http://www.proligno.ro/en/articles/2015/4/Nagl_final.pdf https://scholar.google.com/scholar?cites=17187315988188030373&as_sdt=2005&sciodt=0,5&hl=de Numar citari:3 I=(5/6)*3	2.50	
		Kavian-Jahromi N, Schagerl L, Dürschmied B, Enzinger S, Schnabl C, **Schnabel T**, Petutschnigg A (2015) Comparison of the antibacterial effects of sapwood and heartwood of the larch tree focusing on the use in hygiene sensitive areas. **European Journal of Wood and Wood Products.** 73:841-844 DOI 10.1007/s00107-015-0935-8 https://link.springer.com/article/10.1007/s00107-015-0935-8 https://scholar.google.com/scholar?cites=6557906946987289742&as_sdt=2005&sciodt=0,5&hl=de Numar citari:1 I=(5/7)*1	0.71	
		Schnabel T, Zimmer B, Petutschnigg AJ, Schönberger S (2007) An Approach to Classify Thermally Modified Hardwoods by Color. **Forest Products Journal** 57(9):105-110 ISSN: 0015-7473 https://www.google.at/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjE7uXAidLqAhU6UhUIHbm-DvsQFjAAegQIARAB&url=http%3A%2F%2Fwww.bifne.de%2Ffileadmin%2F_migrated%2Fcontent_uploads%2F2007a_Schnabel_-_Zimmer_Bernhard_-_Thermoholz_Farbmessung_QualitA_t_-_bifne_-_Forest_products_Journal.pdf&usg=AOvVaw3cnRqdqxswTctqYoItiFXO https://scholar.google.com/scholar?cites=15093899607448441645&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/a4b6f88c-4a6f-37e0-944c-a88e9336edee/ Numar citari: 9 I=(5/4)*9	11.25	

		Mòdol EC, Wimmer T, Huber H, **Schnabel T** (2014) An approach for colour homogenisation of chestnut (Castanea sative [Mill.]) by thermal modification. **International Wood Products Journal** 5(2):69-73 DOI 10.1179/2042645313Y.0000000056 https://www.tandfonline.com/doi/abs/10.1179/2042645313Y.0000000056 https://scholar.google.com/scholar?cites=7168927890496029088&as_sdt=2005&sciodt=0,5&hl=de Numar citari: 1 I=(5/4)*1	1.25	
		Ebner M, Petutschnigg A, **Schnabel T**, Sternad B, Huskic A, Gaubinger K (2014) Development of an automated wood welding process. **Journal of Adhesion Science** 28(18):1783-1791 DOI 10.1080/01694243.2014.922159 https://www.tandfonline.com/doi/abs/10.1080/01694243.2014.922159 Numar citari: 1 I=(5/6)*1	0.83	
		Schnabel T, Huber H, Grünewald T, Lichtenegger HC, Petutschnigg A. (2015) Changes in mechanical and chemical wood properties by electron beam irradiation. **Applied Surface Science** 332:704-709 DOI 10.1016/j.apsusc.2015.01.142 https://www.sciencedirect.com/science/article/pii/S0169433215001671 https://scholar.google.com/scholar?cites=4714272123545811757&as_sdt=2005&sciodt=0,5&hl=de https://www.mendeley.com/catalogue/879ca405-8898-31b6-b18d-5aab19125b3b/ Numar citari: 2 I=(5/5)*2	2.00	
		Griebeler C, Tondi G, **Schnabel T**, Iglesias C, Ruiz S (2018) Reduction of the surface colour variability of thermally modified Eucalyptus globulus wood by colour pre-grading and homogeneity thermal treatment. **European Journal of Wood and Wood Products**. 76:1495-1504 DOI 10.1007/s00107-018-1310-3 https://link.springer.com/article/10.1007/s00107-018-1310-3 https://scholar.google.de/scholar?oi=bibs&hl=de&cites=11349380391293537 6&as_sdt=5 Numar citari:2 I=(5/5)*2	2.00	
		Tondi G, Palanti S, Wieland S, Thevenon MF, Petutschnigg A, **Schnabel T** (2012) Durability of tannin-boron-treated timber. **BioResources** 7(4):5138-5151 DOI 10.15376/biores.7.4.5138-5151. https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/3086 https://scholar.google.com/scholar?cites=5853447842224730176&as_sdt=2005&sciodt=0,5&hl=de Numar citari:11 I=(5/6)*11	9.17	
		Total (selectie): 39 citari in reviste BDI si volumele conferintelor indexate BDI	**TOTAL 37.88 puncte**	
		A 3.3.2. Prezentări invitate în plenul unor manifestări ştiinţifice internaţionale		

		Presentation during a Training School session in the frame of the COST Action FP 1006 workshop. 24. April 2012, Kuchl, Austria http://cost-fp1006.fh-salzburg.ac.at/index.php?id=151 http://cost-fp1006.fh-salzburg.ac.at/fileadmin/documents/Presentations_04.2012/08_Salca_TS_presentation.pdf punctaj unic, I=20	20.00	
		A 3.3.2. Prezentări invitate în plenul unor manifestări ştiinţifice naţionale		
		Stakeholder dialog „Biobased Industry". 23. November. 2016, Vienna, Austria https://nachhaltigwirtschaften.at/de/fdz/veranstaltungen/2016/20161123-stakeholderdialog-biobased-industry.php punctaj unic, I=5	5.00	
	A 3.3 Prezentari invitate in plenul unor manifestari stiintifice internationale	Forstwirtschaftliche Produkte im Wandel der Zeit. Antrittsvorlesung FH-Professor an der Fachhochschule Salzburg. 17. Dezember. 2015, Puch, Austria (additional documents) punctaj unic, I=5	5.00	
		Vortrag im Rahmen des Josef Umdasch Forschungsdialoges an der BOKU Wien. 10. April 2013, Vienna, Austria (additional documents) punctaj unic, I=5	5.00	
		Total punctaj criteriu A3.3 -prezentări invitate în plenul unor manifestări ştiinţifice internaţionale	**TOTAL 35.00 puncte**	
		A 3.4.1. Membră în colective de redacţie sau comitete ştiinţifice la reviste ISI		
		Guest Editor of Special Issue "Bio-based polymers for engineered green materials" in Polymers https://www.mdpi.com/journal/polymers/special_issues/bio_polymers_for_engineered_green_materials I=15	15.00	
		A 3.4.3. Membră în colective de redacţie sau comitete ştiinţifice ale manifestărilor ştiinţifice internaţionale		*Punctaj unic pentru fiecare activitate*
		Chair of the Panel "Naturinspiriertes Denken – Biomaterials & Processes" 12. Forschungsforum der österreichischen Fachhochschulen (FFH2018) (additional documents) http://ffhoarep.fh-ooe.at/bitstream/123456789/1164/1/FFH2018-T0-04.pdf I =5	5.00	
		Program committee of the PTF BPI 2018 – 5th International conference on Processing Technologies for the Forest and Biobased Industries in Freising (Germany) (additional documents) http://ptfbpi.fh-salzburg.ac.at/organizer-commitees.html I =5	5.00	
		Member of Local Organising Committee on the COST Action FP10006 Workshop "Basics for Chemistry of Wood Surface Modification" in Kuchl (Austria) (additional documents) http://cost-fp1006.fh-salzburg.ac.at/index.php?id=171&L=0%2F http://cost-fp1006.fh-salzburg.ac.at/fileadmin/documents/Proceedings_Workshop_04.2012.pdf I=5	5.00	

		A 3.4.3. Organizator conferinţe internaţionale	**TOTAL 15.00 puncte**	
		Total punctaj criteriu A.3.4.	**TOTAL 30.00 puncte**	
		A 3.5.1. Recenzent pentru reviste ISI		
		Review in **2020** for ISI Journal **Molecules** ISSN 1420-3049 **IF: 3.267** https://www.mdpi.com/journal/molecules (additional documents) I = 10	10.00	
		Review in **2019** for ISI Journal **Molecules** ISSN 1420-3049 **IF: 3.267** https://www.mdpi.com/journal/molecules (additional documents) I = 10	10.00	
		Review in **2020** for ISI Journal **Catalysts** ISSN 2073-4344 **IF: 3.520** https://www.mdpi.com/journal/catalysts/apc (additional documents) I = 10	10.00	
	A 3.5. Recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale	Review in **2020** for ISI Journal **Applied Sciences** ISSN 2076-3417 **IF: 2.474** https://www.mdpi.com/journal/applsci/about (additional documents) I = 10	10.00	*Punctajul se acordă pentru fiecare revistă si manifestare ştiinţifică, o singură dată pe an, indiferent de numarul recenziilor*
		Review in **2020** for ISI Journal **Coatings** ISSN 2079-6412 **IF: 2.436** https://www.mdpi.com/journal/coatings/about (additional documents) I = 10	10.00	
		Review in **2020** for ISI Journal **Polymers** ISSN 2073-4360 **IF: 3.426** https://www.mdpi.com/journal/polymers/about (additional documents) I = 10	10.00	
		Review in **2019** for ISI Journal **Polymers** ISSN 2073-4360 **IF: 3.426** https://www.mdpi.com/journal/polymers/about (additional documents) I = 10	10.00	
		Review in **2019** for ISI Journal **Materials** ISSN 1996-1944 **IF: 3.057** https://www.mdpi.com/journal/polymers/about (additional documents) I = 10	10.00	
		Review in **2019** for ISI Journal **Nanomaterials** ISSN 2079-4991 **IF: 4.324** https://www.mdpi.com/journal/nanomaterials (additional documents) I = 10	10.00	

		Review in **2019** for ISI Journal **European Journal of Wood and Wood Products** ISSN 0018-3768 https://www.springer.com/journal/107 https://link.springer.com/search?query=schnabel&search-within=Journal&facet-journal-id=107 (additional documents) I = 10	10.00	
		Review in **2017** for ISI Journal **European Journal of Wood and Wood Products** ISSN 0018-3768 https://www.springer.com/journal/107 https://link.springer.com/search?query=schnabel&search-within=Journal&facet-journal-id=107 (additional documents) I = 10	10.00	
		Review in **2016** for ISI Journal **European Journal of Wood and Wood Products** ISSN 0018-3768 https://www.springer.com/journal/107 https://link.springer.com/search?query=schnabel&search-within=Journal&facet-journal-id=107 (additional documents) I = 10	10.00	
		Review in **2015** for ISI Journal **European Journal of Wood and Wood Products** ISSN 0018-3768 https://www.springer.com/journal/107 https://link.springer.com/search?query=schnabel&search-within=Journal&facet-journal-id=107 (additional documents) I = 10	10.00	
		Review in **2014** for ISI Journal **European Journal of Wood and Wood Products** ISSN 0018-3768 https://www.springer.com/journal/107 https://link.springer.com/search?query=schnabel&search-within=Journal&facet-journal-id=107 (additional documents) I = 10	10.00	
		Review in **2013** for ISI Journal **European Journal of Wood and Wood Products** ISSN 0018-3768 https://www.springer.com/journal/107 https://link.springer.com/search?query=schnabel&search-within=Journal&facet-journal-id=107 (additional documents) I = 10	10.00	
		Review in **2012** for ISI Journal **European Journal of Wood and Wood Products** ISSN 0018-3768 https://www.springer.com/journal/107 https://link.springer.com/search?query=schnabel&search-within=Journal&facet-journal-id=107 (additional documents) I = 10	10.00	
		Review in **2011** for ISI Journal **European Journal of Wood and Wood Products** ISSN 0018-3768 https://www.springer.com/journal/107 https://link.springer.com/search?query=schnabel&search-within=Journal&facet-journal-id=107 (additional documents) I = 10	10.00	

		Review in **2019** for ISI Journal **Wood Science and Technology** ISSN 0043-7719 https://www.springer.com/journal/226 https://link.springer.com/search?query=Schnabel&search-within=Journal&facet-journal-id=226 (additional documents) I = 10	10.00	
		Review in **2017** for ISI Journal **Wood Science and Technology** ISSN 0043-7719 https://www.springer.com/journal/226 https://link.springer.com/search?query=Schnabel&search-within=Journal&facet-journal-id=226 (additional documents) I = 10	10.00	
		Review in **2016** for ISI Journal **Wood Science and Technology** ISSN 0043-7719 https://www.springer.com/journal/226 https://link.springer.com/search?query=Schnabel&search-within=Journal&facet-journal-id=226 (additional documents) I = 10	10.00	
		Review in **2014** for ISI Journal **Wood Science and Technology** ISSN 0043-7719 https://www.springer.com/journal/226 https://link.springer.com/search?query=Schnabel&search-within=Journal&facet-journal-id=226 (additional documents) I = 10	10.00	
		Review in **2012** for ISI Journal **Wood Science and Technology** ISSN 0043-7719 https://www.springer.com/journal/226 https://link.springer.com/search?query=Schnabel&search-within=Journal&facet-journal-id=226 (additional documents) I = 10	10.00	
		Review in **2011** for ISI Journal **Wood Science and Technology** ISSN 0043-7719 https://www.springer.com/journal/226 https://link.springer.com/search?query=Schnabel&search-within=Journal&facet-journal-id=226 (additional documents) I = 10	10.00	
		Review in **2017** for ISI Journal **Jorunal of Material Science** ISSN 0022-2461 https://www.springer.com/journal/10853 (additional documents) I = 10	10.00	
		Review in **2015** for ISI Journal **Holzforschung** ISSN 0018-3829 https://www.degruyter.com/view/journals/hfsg/hfsg-overview.xml (additional documents) I = 10	10.00	
		Review in **2015** for ISI Journal **Color Research and Application** ISSN 1520-6378 https://onlinelibrary.wiley.com/journal/15206378 (additional documents) I = 10	10.00	
		Review in **2013** for ISI Journal **Nature Communications** ISSN 2041-1723 https://www.nature.com/ncomms/ (additional documents) I = 10	10.00	

		Review in **2016** for ISI Journal **RSC Advances** ISSN 2046-2069 https://www.rsc.org/journals-books-databases/about-journals/rsc-advances/ (additional documents) I = 10	10.00	
		Review in **2017** for ISI Journal **Journal of Molecular Structure** ISSN 0022-2860 https://www.journals.elsevier.com/journal-of-molecular-structure (additional documents) I = 10	10.00	
		Review in **2014** for ISI Journal **Journal of Molecular Structure** ISSN 0022-2860 https://www.journals.elsevier.com/journal-of-molecular-structure (additional documents) I = 10	10.00	
		Review in **2017** for ISI Journal **Applied Surface Science** ISSN 0169-4332 https://www.journals.elsevier.com/applied-surface-science (additional documents) I = 10	10.00	
		Review in **2019** for ISI Journal **Materials & Design** ISSN 0264-1275 https://www.journals.elsevier.com/materials-and-design (additional documents) I = 10	10.00	
		Review in **2018** for ISI Journal **Journal of Wood Chemistry and Technology** ISSN 0277-3813 https://www.tandfonline.com/loi/lwct20 (additional documents) I = 10	10.00	
		Review in **2017** for ISI Journal **Journal of Wood Chemistry and Technology** ISSN 0277-3813 https://www.tandfonline.com/loi/lwct20 (additional documents) I = 10	10.00	
		Review in **2016** for ISI Journal **Journal of Wood Chemistry and Technology** ISSN 0277-3813 https://www.tandfonline.com/loi/lwct20 (additional documents) I = 10	10.00	
		Review in **2014** for ISI Journal **Journal of Wood Chemistry and Technology** ISSN 0277-3813 https://www.tandfonline.com/loi/lwct20 (additional documents) I = 10	10.00	
		Total: recenzent la 36 reviste ISI	**TOTAL 360.00 puncte**	
		A 3.7.5. Membra organizaţii în domeniul educaţiei şi cercetării		
		Member in the management committee of COST Action FP 1006 – Bringing new function to wood through surface modification http://cost-fp1006.fh-salzburg.ac.at/index.php?id=45&L=0%27%22 (additional documents) I = 10	10.00	

		Member in the management committee of COST Action FP 1407 – Understanding wood modification through an integrated scientific and environment al impact approach https://www.cost.eu/actions/FP1407/#tabs|Name:management-committee (additional documents) I = 10	10.00	
		Head of research & development department for wood and timber constructions at the Salzburg University of Applied Sciences https://www.fh-salzburg.ac.at/forschung/forschungsgruppen/holz-und-biogene-technologien/forschungsteam (additional documents) I = 15	15.00	
		Member in internal committee for research and development at the Salzburg University of Applied Sciences (additional documents) I = 10	10.00	
		Membra organizaţii în domeniul educaţiei şi cercetării	**TOTAL 45.00 puncte**	
	TOTAL A3 **CRITERIU ÎNDEPLINIT**		**TOTAL A3 1003.23 puncte**	***Minim 60 puncte***

Data: 17.07.2020

FH-Prof Dr. Thomas SCHNABEL