

## Fișa de calcul a îndeplinirii

Standardelor minimale pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare – dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare, conform OMENCS\_6129\_2016, Anexa 7

Condiții minimale și obligatorii						
Domeniul de activitate		Indicatori	Conferențiar	Profesor	CSII	CSI
Activitatea didactică / profesională (A1)	A1.1	N1	2	2	Nu se aplică	Nu se aplică
		N1.1	0	1		
		N1.3	1	1		
	A1.2	N2	3	4		
		N2.1	1	2		
Activitatea de cercetare (A2)	A2.1 + A2.3	P1+P2	5	10	5	10
		P1	3	6	3	6
	A2.2	N3	8	10	8	10
		N3.1	3	5	3	5
	A2.4 + A2.5	N4	1	2	1	2
		N4.3	0	1	0	1
Recunoașterea impactului activității (A3)	A3.1	S1 + S2	10	50	10	50
	A3.2	N5	5	10	5	10
	A3.3	C	10	25	10	25

unde:

P 1 = P1.1 + P1.2 + P1.3 + P1.4; P2 = P2.1 + P2.2;

N1 = N1.1 + N1.2; N2 = N2.1 + N2.2 + N2.3; N3 = N3.1 + N3.2;

N4 = N4.1 + N4.2 + N4.3 + N4.4.

Domeniul de activitate		Indicatori	Condiții minime profesor	Punctaj îndeplinit
„Activitate didactică și profesională” (DID – A1)	A 1.1. Manual, suport de curs	N1	2	6
		N1.1.	1	4
		N.1.3.	1	2
	A 1.2. Material didactic, dezvoltare de laboratoare/aplicații	N 2.	4	5
		N 2.1.	2	4
„Activitate de cercetare științifică” (CDI A2)	A 2.1.+A 2.3. Articole și publicații științifice indexate web of science (WOS)+Brevete și invenții indexate	P1+P2	10	<b>115.87</b>
		P1	6	<b>60.854</b>
		P2		<b>4.4</b>
	A 2.2. Articole și publicații BDI neincluse la A.2.1.	N3.	10	<b>45</b>
		N3.1.	5	<b>21</b>
	A 2.4.+A 2.5.Produse, tehnologii, platforme inovative+ Monografii/carti de specialitate	N4.	2	<b>3</b>
N4.3		1	<b>3</b>	
Recunoașterea și impactul activității” (RIA A3)	A 3.1. Atragere resurse financiare prin granturi/proiecte/contracte terți	S1+S2	50	<b>496,75</b>
	A 3.2. Prezentarea/Diseminarea rezultatelor, prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat	N5	10	<b>37</b>
	A 3.3. Citări în publicații BDI (se exclud autocitățile)	C	25	<b>177.083</b>

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**Fișa de verificare a criteriului  
„Activitate didactică și profesională” (DID – A1)**

Standarde minimale pentru domeniile științifice ”Inginerie mecanică, mecatronică și robotică”:

**Criteriul DID „Activitate didactică și profesională” (DID – A1)**

Manuale, suport de curs conform fișei de concurs	A 1.1.	Format tipărit/electronic, min. 100 pag.	Coordonator/ Prim autor	N 1.1. = număr
			Co-autor	N 1.2. = număr
		Format electronic disponibil pe platforma universității/departamentului/autor		N 1.3. = număr
Material didactic/dezvoltare laboratoare/aplicații	A 1.2.	Standuri laborator (construcție/modernizări_ certificate de directorul de departament		N 2.1. = număr
		Îndrumar laborator, carte/aplicații, format tipărit sau electronic, (autor/co-autor)		N 2.2. = număr
		Aplicatie informatică educațională		N 2.3. = număr

**DID –A1.1.**

Nr. crt.	Manuale, suport de curs conform fișei de concurs	Punctaj
<b>A 1.1.</b>		
1 A 1.1.	<b>Stanciu M.D., Curtu I., (2013) <i>Reologie – suport de curs</i> – format electronic Ed. Universitatii Transilvania din Brasov ISBN:978-606-19-0352-8 nr. pag.167 <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Pages_from_Reologie_suport_de_curs_FRACS-2.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Pages_from_Reologie_suport_de_curs_FRACS-2.pdf</a></b>	N 1.1.=1
2 A 1.1.	<b>Stanciu M.D., Curtu I.(2015) <i>Reologia Lemnului – suport de curs</i> Ed Univ. Transilvania din Brasov ISBN:978-606-19-0633-8 nr. pag. 218 <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Coperta_CD_Reologia_Lemnului(1).pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Coperta_CD_Reologia_Lemnului(1).pdf</a></b>	N 1.1.=1
3 A 1.1.	<b>Stanciu M.D., Curtu I., (2015) <i>Reologia materialelor de constructii– suport de curs</i>, Ed. Univ. Transilvania din Brasov ISBN: 978-606-19-0634-5, nr. pag. :193 <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Dovada_Fracs_Reologie_P_a_III_a.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Dovada_Fracs_Reologie_P_a_III_a.pdf</a></b>	N 1.1.=1
4 A 1.1.	<b>Stanciu M.D., Curtu I. (2015) <i>Rezistența materialelor in industria lemnului pentru ID-FR</i>, Nr. pagini:128, <a href="https://drive.google.com/file/d/16pU8wzBPGn2KrnJviR6wq_5oitNxaFy0/view?usp=sharing">https://drive.google.com/file/d/16pU8wzBPGn2KrnJviR6wq_5oitNxaFy0/view?usp=sharing</a></b>	N 1.3.=1
5 A 1.1.	<b>Stanciu M.D., Curtu I. (2016) <i>Elemente de reologie aplicată în inginerie - suport de curs pentru ID-IFR</i>, Nr. pagini:65 <a href="https://drive.google.com/file/d/12bKfUre6pKmRjtFs8Mu51uqKChyGKnLY/view?usp=sharing">https://drive.google.com/file/d/12bKfUre6pKmRjtFs8Mu51uqKChyGKnLY/view?usp=sharing</a></b>	N 1.3.=1
6 A1.1.	<b>Stanciu M.D.; Târnoveanu C.R., (2020) <i>Rezistența Materialelor cu aplicații în ingineria lemnului – suport de curs</i>. Editura:Editura Universității Transilvania din Brașov, Nr. pag. 300</b>	N 1.1.=1

<a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Cuprins_pagini.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User1444/Cuprins_pagini.pdf</a>	
N.1.1=4; N.1.3.=2 TOTAL A.1.1. N1= 6	

## A.1.2. DID

Material didactic/dezvoltare laboratoare/aplicații		
1 A 1.2.	Stanciu M.D., Curtu I., Uruclu I., Scurtu Șt. (2016) Stand multitest pentru testarea barelor la flambaj – Laboratorul de Rezistența Materialelor <a href="https://drive.google.com/file/d/1gWNIq57iZdOaV9mhGLNt888xmQXOAz_q/view?usp=sharing">https://drive.google.com/file/d/1gWNIq57iZdOaV9mhGLNt888xmQXOAz_q/view?usp=sharing</a>	N 2.1.=1
2 A 1.2.	Stanciu M.D., Coșereanu C., Cerbu C., Munteanu V., Georgescu S., Vlase S., Bidu V., (2018) Cabina simulator de mediu pentru testarea reologica a structurilor – Laboratorul de Rezistența materialelor și reologie <a href="https://drive.google.com/file/d/1gWNIq57iZdOaV9mhGLNt888xmQXOAz_q/view?usp=sharing">https://drive.google.com/file/d/1gWNIq57iZdOaV9mhGLNt888xmQXOAz_q/view?usp=sharing</a>	N 2.1=1
3 A 1.2.	Stanciu M.D., Tolbașu M., Stand de testare statică și dinamică a palelor de turbine eoliene <a href="https://drive.google.com/file/d/1gWNIq57iZdOaV9mhGLNt888xmQXOAz_q/view?usp=sharing">https://drive.google.com/file/d/1gWNIq57iZdOaV9mhGLNt888xmQXOAz_q/view?usp=sharing</a>	N 2.1=1
4 A 1.2.	Stanciu M.D., Munteanu V.M., Tolbașu C., Dispozitiv de fixare a structurilor complexe pentru testarea prin metoda tensometriei resistive <a href="https://drive.google.com/file/d/1gWNIq57iZdOaV9mhGLNt888xmQXOAz_q/view?usp=sharing">https://drive.google.com/file/d/1gWNIq57iZdOaV9mhGLNt888xmQXOAz_q/view?usp=sharing</a>	N 2.1=1
5 A 1.2.	Bit. C. Cerbu C., Baba M. N., Curtu I., Itu C., Roșca I. C., Stanciu M.D., Száva I., Száva I. R., Velea M. N., (2018) <i>Rezistența Materialelor. Îndrumar de laborator</i> , ISBN 978-606-19-1084-7, <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User331/Indrumar_Lab_RM_2018.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User331/Indrumar_Lab_RM_2018.pdf</a> Inercarea la tractiune (Stanciu M.D., Bit. C.)/Încercarea la compresiune (Stanciu M.D.)/Flambajul barelor drepte (Stanciu M.D., Curtu I.)	N2.2=1
N2.1=4; N2.2=1, Total A.1.2 N2= 5		

Criteria	Indicatori	Condiții minime profesor	Punctaj îndeplinit
Activitatea didactică/profesională <b>A 1</b>	A 1.1.	N1	2
		N1.1.	1
		N.1.3.	1
	A 1.2.	N 2.	4
		N 2.1.	2

Se poate constata faptul că în punctajul pentru criteriul „Activitatea didactică/profesională” (A1), în conformitate cu prevederile Anexei nr. 6129/2016 la Ordinul Ministrului, îmi permit să apreciez că CRITERIUL DE EVALUARE A1 ESTE ÎNDEPLINIT.

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**Fișa de verificare a criteriului  
„Activitate de cercetare științifică” (CDI - A2)**

Standarde minimale pentru domeniile științifice ”Inginerie mecanică, mecatronică și robotică”:

**Criteriul CDI „Activitate de cercetare științifică” (CDI A2)**

Articole și publicații științifice indexate WOS, unde n este nr. autori; FI este factorul de impact	A 2.1.	Autor corespondent/prim autor	n ≤ 3	P 1.1. = 2*(0,2+FI)
			n ≥ 4	P 1.2. = 2*3*(0,2+FI)/n
	Co-autor		n ≤ 3	P 1.3. = 0.2+FI
			n ≥ 4	P 1.4. = 3*(0,2+FI)/n
Articole și publicații științifice BDI neincluse la A 2.1.	A 2.2.	Autor corespondent/prim autor		N 3.1. = număr
		Co-autor		N 3.2. = număr
Brevete invenții indexate	A 2.3.	Internationale indexate WOS – Derwent Innovation		P 2.1 = același calcul cu A2.1. cu FI=2
		Naționale indexate OSIM		P 2.2 = același calcul cu A2.1. cu FI=0,5
Produce, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ sau de cercetare)	A 2.4.	Coordonator/Prim autor		N 4.1. = număr
		Co-autor		N 4.2. = număr
Monografii, cărți de specialitate tipărite sau format electronic (min. 100 pag)	A 2.5.	Coordonator/Prim autor		N 4.3. = număr
		Co-autor		N 4.4. = număr

**CDI-ART WOS**

Nr. crt.	Titlul articolului	Punctaj
<i>A 2.1. articole publicate în reviste cotate WOS</i>		
<i>Articole tip P1.1.</i>		
1. P1.1.	Mihalcica M., Stanciu MD (autor corespondent), Vlase S, Frequency Response Evaluation of Guitar Bodies with Different Bracing Systems, <i>Symmetry</i> , 2020, 12, 795; doi:10.3390/sym12050795 (F.I. 2.143; SRI:0.55) <a href="https://www.mdpi.com/2073-8994/12/5/795">https://www.mdpi.com/2073-8994/12/5/795</a>	P1.1=2*(0.2+2.645)=5.69
2. P1.1.	Plescan C, Stanciu MD (autor corespondent), Szasz M. The Effect of Internal Pressure on Radial Strain of Steel Pipe Subjected to Monotonic and Cyclic Loading, <i>Materials</i> 2019, 12, 2849 (FI=2.972; SRI=1.405), <a href="https://www.mdpi.com/1996-1944/12/18/2849">https://www.mdpi.com/1996-1944/12/18/2849</a>	P1.1.=2*(0.2+2.972)=6.344
3 P1.1.	Stanciu M.D., Vlase S., Marin M., Vibration Analysis of a Guitar considered as a Symmetrical Mechanical System, <i>Symmetry</i> 2019, 11(6), 727 (FI=2,143, SRI=0.55); <a href="https://doi.org/10.3390/sym11060727">https://doi.org/10.3390/sym11060727</a> , <a href="https://www.mdpi.com/2073-8994/11/6/727">https://www.mdpi.com/2073-8994/11/6/727</a>	P.1.1.=2*(0.2+2.143)=4.686
4 P.1.1	Stanciu M.D., Savin A., Nastac S.M, (2018) <i>Mechanical and surface properties of lignocellulosic fibres reinforced composites</i> , in <i>Strojniški vestnik - Journal of Mechanical Engineering</i> 64(2018)11, 698-705, ISSN 0039-2480	P.1.1=2*(0.2+1.182)=2.764

	(FI=1,182; SRI=0,503), <a href="https://www.sv-jme.eu/article/mechanical-and-surface-properties-of-lignocellulosic-fibres-reinforced-composites/">https://www.sv-jme.eu/article/mechanical-and-surface-properties-of-lignocellulosic-fibres-reinforced-composites/</a>	
5 P1.1	Dinulica F., <b>Stanciu M.D. (autor correspondent)</b> , Savin A. Correlation between Anatomical Grading and Acoustic-Elastic Properties of Resonant Spruce Wood Used for Musical Instruments, Forests, 2021, 12(8), 1122 (FI=2.634, SRI=1.314) doi 10.3390/f12081122, WOS:000689061500001, <a href="https://www.mdpi.com/1999-4907/12/8/1122">https://www.mdpi.com/1999-4907/12/8/1122</a>	$P1.1.=2*(0.2+2.634)=5.668$
6 P1.1.	Sova D., <b>Stanciu M.D. (autor correspondent)</b> , Georgescu S.V., Design of Thermal Insulation Materials with Different Geometries of Channels, Polymers, 2021 13(13), 2217 (FI=4.329, SRI=2.037), DOI10.3390/polym13132217, WOS:000670972400001, <a href="https://www.mdpi.com/2073-4360/13/13/2217">https://www.mdpi.com/2073-4360/13/13/2217</a>	$P1.1.=2*(0.2+4.329)=9.058$
7 P1.1.	<b>Stanciu M.D.</b> , Teodorescu Draghicescu H., Rosca I.C., Mechanical Properties of GFRPs Exposed to Tensile, Compression and Tensile-Tensile Cyclic Tests, Polymers, 2021 13(6), 898 (FI=4.329, SRI=2.037) doi 10.3390/polym13060898, WOS:000651942300001, <a href="https://www.mdpi.com/2073-4360/13/6/898">https://www.mdpi.com/2073-4360/13/6/898</a>	$P1.1.=2*(0.2+4.329)=9.058$
8 P1.1.	<b>Stanciu M.D.</b> , Teodorescu Draghicescu H., Vlase S, Degradation of Mechanical Properties of Pine Wood Under Symmetric Axial Cyclic Loading Parallel to Grain, Polymers, 2020, 12(10), 2176 (FI= 3.426; SRI=1.9) DOI10.3390/polym12102176, WOS:000586968800001, <a href="https://www.mdpi.com/2073-4360/12/10/2176">https://www.mdpi.com/2073-4360/12/10/2176</a>	$P1.1.=2*(0.2+3.426)=7.252$
9 P1.1.	<b>Stanciu M.D.</b> , Năstac S.M., Teșulă I. Prediction of the Damage Effect on Fiberglass-Reinforced Polymer Matrix Composites for Wind Turbine Blades, Polymers, 2022, 14(7), 10.3390/polym14071471, WOS:000781582400001, (FI= 4.967; SRI=1.961) <a href="https://www.mdpi.com/2073-4360/14/7/1471">https://www.mdpi.com/2073-4360/14/7/1471</a>	$P1.1.=2*(0.2+4.967)=10.334$
	<b>Total P1.1.</b>	<b>60.854</b>
<i>Articole tip P1.2.</i>		
1. P1.2.	<b>Stanciu M.D.</b> , Șova D., Savin A., Iliăș N., Gorbacheva Galina, Physical and Mechanical Properties of Ammonia- Treated Black Locust Wood, Polymers 2020, 12, 377; (FI= 3.426; SRI=1.9) doi:10.3390/polym12020377, <a href="https://www.mdpi.com/2073-4360/12/2/377">https://www.mdpi.com/2073-4360/12/2/377</a>	$P.1.2=2*3*(0.2+3.426)/5=4.351$
2. P1.2.	<b>Stanciu M.D.</b> , Teodorescu D. H., Tămaș F., Terciu O.M. Mechanical and Rheological Behaviour of Composites Reinforced with Natural Fibres, Polymers 2020, 12 (6), 1402; (FI= 3.164; SRI=1.9) doi:10.3390/polym12061402 <a href="https://www.mdpi.com/2073-4360/12/6/1402">https://www.mdpi.com/2073-4360/12/6/1402</a>	$P.1.2=2*3*(0.2+3.164)/4=5.439$
3. P1.2.	<b>Stanciu M.D.</b> , Cosereanu C., Dinulica F., Bucur V., Effect of wood species on vibration modes of violins plates. Eur. J. Wood Prod. (2020) vol 78, pp. 785-799. (FI: 1.901/ SRI: 2.524) <a href="https://doi.org/10.1007/s00107-020-01538-5">https://doi.org/10.1007/s00107-020-01538-5</a> <a href="https://link.springer.com/article/10.1007/s00107-020-01538-5">https://link.springer.com/article/10.1007/s00107-020-01538-5</a>	$P1.2=2*3*(0.2+1.901)/4=3.151$

4 P1.2.	<b>Stanciu MD</b> , Bucur V., Munteanu M.V., Georgescu S.V., Năstac S.M. <i>Moisture induced deformation in the neck of a classical guitar</i> , in Holzforschung, 2019, Vol 73(4):371-379 (FI=2.079, SRI=1.448); <a href="https://www.degruyter.com/document/doi/10.1515/hf-2018-0021/html">https://www.degruyter.com/document/doi/10.1515/hf-2018-0021/html</a>	$P.1.2=2*3*(0.2+2.079)/5=2.734$
5 P1.2.	<b>Stanciu M.D</b> , Bucur V., Valcea C. S., Savin A., Sturm R., (2018) <i>Oak particles size effects on viscous-elastic properties of wood polyester resin composite submitted to ultraviolet radiation</i> , Wood Sci Technol 52 (2): 365-382 (2018) (FI=1,706; SRI=2,454) <a href="https://link.springer.com/article/10.1007/s00226-017-0971-0">https://link.springer.com/article/10.1007/s00226-017-0971-0</a>	$P.1.2=2*3*(0.2+1.706)/5=2.287$
6 P1.2.	Horatiu Teodorescu-Draghicescu, Sorin Vlase, <b>Stanciu M.D. (autor correspondent)</b> , Ioan Curtu, Mircea Mihalciță, (2015) <i>Advanced Pultruded Glass Fibers-Reinforced Isophthalic Polyester Resin</i> , Materiale Plastice 52 (1), 2015, p. 62-64, ISSN 0025/5289, (FI/2017= 1,248 (la data înscrierii în concurs), FI/2014= 0,824 (la data publicării), SRI= 0,150) <a href="https://www.revmaterialeplastice.ro/Articles.asp?ID=4463">https://www.revmaterialeplastice.ro/Articles.asp?ID=4463</a>	$P.1.2=2*3*(0.2+0.824)/5=1,2288$
7 P1.2.	Curtu I., <b>Stanciu M.D. (autor correspondent)</b> , Cosereanu C., Vasile O., (2012) <i>Assessment of acoustic properties of biodegradable composite materials with textile inserts</i> Materiale Plastice 49(1), 2012, p. 68-72 (FI/2017= 1,248 (la data înscrierii în concurs), FI/2011= 0,387 (la data publicării), SRI= 0,150) <a href="https://www.revmaterialeplastice.ro/Articles.asp?ID=3244">https://www.revmaterialeplastice.ro/Articles.asp?ID=3244</a>	$P.1.2=2*3*(0.2+0.387)/4=0,8805$
8 P 1.2.	Timar J., Cofaru C., <b>Stanciu M.D. (autor correspondent)</b> , Curtu I., Florea D., Covaciu D. (2013) <i>Rheological Behaviour of Copolymer Stamyln P108 MF used in Bumper Structure from Automotive Industry</i> , Materiale Plastice 50(3), 2013, pp. 183-187 (FI= 1,248 (la data înscrierii în concurs), FI/2011= 0,379 (la data publicării), SRI= 0,150) <a href="http://www.revmaterialeplastice.ro/pdf/TIMAR%20J.pdf%203%202013.pdf">http://www.revmaterialeplastice.ro/pdf/TIMAR%20J.pdf%203%202013.pdf</a>	$P.1.2=2*3*(0.2+0.379)/6=0,579$
9 P1.2.	<b>Stanciu, M.D.</b> ; Mihălcică, M.; Dinulică, F.; Nauncef, A.M.; Purdoiu, R.; Lăcătuș, R.; Gliga, G.V. X-ray Imaging and Computed Tomography for the Identification of Geometry and Construction Elements in the Structure of Old Violins. Materials 2021, 14, 5926. <a href="https://www.mdpi.com/1996-1944/14/20/5926">https://www.mdpi.com/1996-1944/14/20/5926</a> (FI=3.623/2020)	$P.1.2=2*3*(0.2+3.623)/7=3.276$
10 P1.2.	Mihalciță M., <b>Stanciu M.D (autor correspondent)</b> , Năstac S.M., Dinulica F., Nauncef A.M., Roșca I.C., Savin A., <i>Signature Modes of Old and New Violins with Symmetric Anatomical Wood Structure</i> , Appl. Sci. 2021, 11(23), 11297 (FI=2.679/2020); <a href="https://doi.org/10.3390/app112311297">https://doi.org/10.3390/app112311297</a>	$P.1.2=2*3*(0.2+2.679)/7=2.467$
11 P1.2.	<b>Stanciu M.D.</b> ; Dinulica, F.; Bucur, V.; Gliga, G.V.; Nastac, S.M.; Campean, M. Changing the vibrational behavior of the wooden thin arched plates – the maestro violins experimental study case. Thin-Walled Structures. 2022, 109042, <a href="https://doi.org/10.1016/j.tws.2022.109042">https://doi.org/10.1016/j.tws.2022.109042</a> (FI=5.881; SRI=1.985)	$P1.2.=2*3*(0.2+5.881)/6=6.081$
12. P1.2.	Crețu, N., Roșca, I.C., <b>Stanciu, M.D. (autor correspondent)</b> , Gliga V.Gh., Cerbu C. Evaluation of Wave Velocity in Orthotropic Media Based on Intrinsic Transfer Matrix. Exp Mech 62, 1595–1602 (2022). <a href="https://doi.org/10.1007/s11340-022-00889-9">https://doi.org/10.1007/s11340-022-00889-9</a> (FI=2.794, SRI=2.01)	$P1.2.=2*3*(0.2+2.794)/5=3.592$



13 P1.2.	<b>Stanciu, M.D.;</b> Nastac, S.M.; Bucur, V.; Trandafir, M.; Dron, G.; Nauncef, A.M. Dynamic Analysis of the Musical Triangles—Experimental and Numerical Approaches. Appl. Sci. 2022, 12, 6275. <a href="https://doi.org/10.3390/app12126275">https://doi.org/10.3390/app12126275</a> (FI=2.838; SRI=0.885)	$P1.2.=2*3*(0.2+2.838)/6=3.038$
14 P1.2.	<b>Stanciu, M.D.;</b> Cosnita, M.; Cretu, C.N.; Teodorescu, H.D.; Trandafir, M. Mechanical and Acoustic Properties of Alloys Used for Musical Instruments. Materials 2022, 15, 5192. <a href="https://doi.org/10.3390/ma15155192">https://doi.org/10.3390/ma15155192</a> (FI=3.75; SRI=1.81)	$P1.2.=2*3*(0.2+3.75)/5=4.74$
15 P1.2.	<b>Stanciu M.D.;</b> Roșca I.C. Mihălcică M., Bucur V. Dynamic response of wooden plates in different stages of guitar manufacturing. European Journal Of Wood And Wood Products 2022, 80 (4), 997-1013, 10.1007/s00107-022-01817-3, (FI=2.528; SRI=2.181) <a href="https://link.springer.com/article/10.1007/s00107-022-01817-3">https://link.springer.com/article/10.1007/s00107-022-01817-3</a>	$P1.2.=2*3*(0.2+2.528)/4=4.092$
	<b>Total P1.2.</b>	<b>47.935</b>
<i>Articole tip P1.4.</i>		
1. P1.4.	Gliga V. Gh. <b>Stanciu MD</b> Nastac S.M, Campean M., Modal Analysis of Violin Bodies with Back Plates Made of Different Wood Species, BioResources, 2020, vol 15(4), pp. 7687 – 7713. <a href="https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_15_4_7687_Gliga_Modal_Analysis_Violin_Plates/7967">https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_15_4_7687_Gliga_Modal_Analysis_Violin_Plates/7967</a>	$P.1.4.=3*(0.2+1.409)/4=1.206$
2. P1.4.	Dinulica F., Albu C. T., Vasilescu M.M., <b>Stanciu M.D.</b> Bark Features for Identifying Resonance Spruce Standing Timber, Forests 2019, 10, 799; doi:10.3390/f10090799 (FI=2.116; SRI=1.490) <a href="https://www.mdpi.com/1999-4907/10/9/799">https://www.mdpi.com/1999-4907/10/9/799</a>	$P.1.4.=3*(0.2+2.116)/4=1.737$
3 P1.4.	Cosereanu C., Lăzărescu C., Curtu I., Lică D., Șova D., Brenci L.M., <b>Stanciu M.D.</b> (2010), <i>Research on New Structures to Replace Polystyrene used for Thermal Insulation of Buildings</i> , Materiale Plastice 47(3), 2010, pp. 341-345 (FI 2018=1,248 (la data înscrierii în concurs), FI/2011= 0,873 (la data publicării), SRI= 0,150) <a href="https://www.revmaterialeplastice.ro/Articles.asp?ID=2720">https://www.revmaterialeplastice.ro/Articles.asp?ID=2720</a>	$P.1.4.=3*(0.2+0.873)/7=0,459$
4 P1.4.	Timar C. M., <b>Stanciu M. D.</b> , Frangu F. (2005), <i>The european approach for an efficient and environmentally friendly wood preservation</i> , Environmental Engineering and Management Journal, 4(2), 2005, pp. 253-262 (FI 2018 =1,334 (la data înscrierii în concurs), SRI=0,158) <a href="http://www.eemj.icpm.tuiasi.ro/issues/vol4/vol4no2.htm">http://www.eemj.icpm.tuiasi.ro/issues/vol4/vol4no2.htm</a>	P.1.3=0
5 P1.4.	Plescan C., Plescan E, <b>Stanciu M.D.</b> , Botis M.F., Taus D, Sensitivity Analysis of Rigid Pavement Design Based on Semi-Empirical Methods: Romanian Case Study, SYMMETRY-BASEL, 2021, 13(2), 168, DOI10.3390/sym13020168, WOS:000623130700001 (FI 2020=2.713) <a href="https://www.mdpi.com/2073-8994/13/2/168">https://www.mdpi.com/2073-8994/13/2/168</a>	$P.1.4.=3*(0.2+2.713)/5=1.747$
6 P1.5.	Mititelu, I.; Petrisor, SM; Savin, A.; Sturm, R.; Bergant, Z; Steigmann, R; <b>Stanciu, MD;</b> Barsanescu P.D. Multi-Criteria Evaluation of the Failure of CFRP Laminates for Frames in the Automotive Industry, Polymers, 2022, 14(21),	$P.1.4.=3*(0.2+4.967)/8=1.937$

	10.3390/polym14214507, WOS:000881517600001, (FI= 4.967; SRI=1.961 <a href="https://www.mdpi.com/2073-4360/14/21/4507/htm">https://www.mdpi.com/2073-4360/14/21/4507/htm</a> )	
	<b>Total P1.4.</b>	<b>7.086</b>
<i>La data publicării articolelor</i>		
<i>P.1.1=60.854</i>		
<i>P.1.2=47.935</i>		
<i>P.1.3.=0,000</i>		
<i>P.1.4.=7.086</i>		
<b>TOTAL A.2.: 115.87 puncte</b>		

## A.2.2. CDI-ART BDI

<i>articole susținute la conferințe indexate ISI Proceedings</i>		
<b>Articole A2.2, tip N3.1.</b>		
1 A 2.2.	<b>Stanciu M. D.,</b> Ardeleanu A.F. Teodorescu Draghicescu H, <i>Reverse engineering in finite element analysis of the behaviour of lignocellulosic materials subjected to cyclic stresses</i> , in Procedia Manufacturing 22 (2018), pp 65-72, 11th International Conference Interdisciplinarity in Engineering, INTER-ENG 2017, 5-6 October 2017, Tirgu Mures, Romania <a href="https://www.sciencedirect.com/science/article/pii/S2351978918303056">https://www.sciencedirect.com/science/article/pii/S2351978918303056</a>	1
2 A 2.2.	<b>Stanciu M.D.,</b> Curtu I., Szasz M. <i>The assessment of the probabilistic burst of honed steel pipes based on elastic plastic behavior</i> , in Procedia Engineering 181 (2017) pp.28-35 <a href="http://www.sciencedirect.com/science/article/pii/S1877705817309426">http://www.sciencedirect.com/science/article/pii/S1877705817309426</a>	1
3 A 2.2.	<b>Stanciu MD,</b> Curtu I, Savin A. <i>A Finite Element Approach for Inter-Laminar Damage of the Carbon Fiber Reinforced Polymer due to Impact</i> , in Procedia Engineering 181C (2017) pp. 249-256, doi 10.1016/j.proeng.2017.02.386 <a href="http://www.sciencedirect.com/science/article/pii/S1877705817309694">http://www.sciencedirect.com/science/article/pii/S1877705817309694</a>	1
4 A 2.2.	<b>Stanciu M.D.,</b> Savin A., Teodorescu Draghicescu H., <i>The Assessing of the Failure Behavior of Glass/Polyester Composites Subject to Quasi Static Stresses</i> , Materials Science and Engineering <b>209</b> (2017) 012007 doi:10.1088/1757-899X/209/1/012007, International Conference on Innovative Research — ICIR EUROINVENT 2017 <a href="http://iopscience.iop.org/article/10.1088/1757-899X/209/1/012007">http://iopscience.iop.org/article/10.1088/1757-899X/209/1/012007</a>	1
5 A 2.2.	<b>Stanciu M D,</b> Năstac S, Gliga V Gh, Câmpean M, Bucur V, <i>Effect of the wood anisotropy on eigenmodes and eigenvalues using finite element analysis – case of violin plates</i> , IOP Conference Series: Materials Science and Engineering, Volume 997, The 9th International Conference on Advanced Concepts in Mechanical Engineering - ACME 2020 4-5 June 2020, Iași, Romania, <a href="https://iopscience.iop.org/article/10.1088/1757-899X/997/1/012105/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/997/1/012105/pdf</a> . <a href="https://robots.iopscience.iop.org/article/10.1088/1757-899X/997/1/012105">https://robots.iopscience.iop.org/article/10.1088/1757-899X/997/1/012105</a>	1
6 A 2.2.	<b>Stanciu M.D.,,</b> Curtu I., Tesula I., <i>Structural Optimization of Composite from Wind Turbine Blades with Horizontal Axis Using Finite Element Analysis</i> , Elsevier - Procedia Technology 22(2016) 726-733 ; <a href="https://www.sciencedirect.com/science/article/pii/S2212017316000323">https://www.sciencedirect.com/science/article/pii/S2212017316000323</a>	1



7 A 2.2.	<b>Stanciu M.D.</b> , Bucur R.F., Teodorescu Draghicescu H., Savin A. The influence of the rolling direction on the elastic characteristics of the bending samples, IOP Conf. Series: Materials Science and Engineering 591 (2019) 012032, Modern Technologies in Industrial Engineering VII, (ModTech2019), <a href="https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012032/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012032/pdf</a>	1
8 A 2.2.	<b>Stanciu M.D.</b> , Curtu I., Groza M., Savin A., (2017) <i>The Evaluation Of Rheological Properties Of Composites Reinforced With Hemp, Subjected To Photo And Thermal Degradation</i> , CONAT 2016 International Congress Of Automotive And Transport Engineering, DOI 10.1007/978-3-319-45447-4_62, Pages: 565-574, <a href="https://link.springer.com/chapter/10.1007/978-3-319-45447-4_62">https://link.springer.com/chapter/10.1007/978-3-319-45447-4_62</a>	1
9 A 2.2.	<b>Stanciu M. D.</b> , Curtu Ioan, Cosereanu C., Lica D. (2015) <i>Soundproofing Performance Evaluation Of Panels Made Of Fibers Of Acrylonitrile Butadiene Styrene Copolymer (ABS)</i> , <a href="#">Procedia Technology, Volume 19</a> , 2015, Pages 260–267 8th International Conference Interdisciplinarity In Engineering, INTER-ENG 2014, 9-10 October 2014, Tirgu Mures, Romania, <a href="#">Doi:10.1016/J.Protcy.2015.02.038</a> , ISSN 2212-0173 <a href="http://www.sciencedirect.com/science/article/pii/S2212017315000390">Http://www.sciencedirect.com/science/article/pii/S2212017315000390</a>	1
10 A 2.2.	<b>Stanciu M.D.</b> , Curtu Ioan, Itu C.- <i>Influence of strengthening bars of guitar's plates on the normal modes of vibrations using FEM, in Proceedings of the 19th INTERNATIONAL DAAAM SYMPOSIUM "Intelligent Manufacturing &amp; Automation: Focus on Next Generation of Intelligent Systems and Solutions" - ISI Proceeding, 22-25 Octombrie 2008, Trnava, Slovakia, ISSN 1726-9679, ISBN 978-3-901509-68-1, pp. 1295-1296;</i> <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84904353149&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=Influence+of+strengthening+bars+of+guitar%e2%80%99s+plates+on+the+normal+modes+of+vibrations+using+FEM&amp;sid=05fbca73f34214449c4df33a4c81ad66&amp;sof=b&amp;sdt=b&amp;sl=109&amp;s=TITLE-ABS-KEY%28Influence+of+strengthening+bars+of+guitar%e2%80%99s+plates+on+the+normal+modes+of+vibrations+using+FEM%29&amp;relpos=0&amp;citeCnt=1&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84904353149&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=Influence+of+strengthening+bars+of+guitar%e2%80%99s+plates+on+the+normal+modes+of+vibrations+using+FEM&amp;sid=05fbca73f34214449c4df33a4c81ad66&amp;sof=b&amp;sdt=b&amp;sl=109&amp;s=TITLE-ABS-KEY%28Influence+of+strengthening+bars+of+guitar%e2%80%99s+plates+on+the+normal+modes+of+vibrations+using+FEM%29&amp;relpos=0&amp;citeCnt=1&amp;searchTerm=</a>	1
11 A 2.2.	<b>Stanciu M D</b> , Năstac S M, Dobrescu G, Dynamic behaviour of a car trailer, IOP Conference Series: Materials Science and Engineering, Volume 997, The 9th International Conference on Advanced Concepts in Mechanical Engineering - ACME 2020 4-5 June 2020, Iași, Romania, <a href="https://iopscience.iop.org/article/10.1088/1757-899X/997/1/012104/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/997/1/012104/pdf</a> .	1
12 A 2.2.	<b>Stanciu M. D.</b> , A Harapu, H Teodorescu Drăghicescu, I Curtu, A Savin, <i>Comparison Between Viscous Elastic Plastic Behaviour Of The Composites Reinforced With Plain Glass Fabric And Chopped Strand Mat</i> , 7th International Conference On Advanced Concepts In Mechanical Engineering, Materials Science And Engineering 147 (2016) 012097 Doi:10.1088/1757-899X/147/1/012097, IOP Conference Series-Materials Science And Engineering Volume: 147 Article Number: UNSP 012097, <a href="http://iopscience.iop.org/article/10.1088/1757-899X/147/1/012097">Http://iopscience.iop.org/article/10.1088/1757-899X/147/1/012097</a>	1
13 A 2.2.	<b>Stanciu M D</b> , Teodorescu H D, Trandafir M, V Guțăș, A Savin, Evaluation of mechanical properties of glass fibers chopped strands mat composite subjected to UV degradation, IOP Conference Series: Materials Science and Engineering, Volume 997, The 9th	1

	International Conference on Advanced Concepts in Mechanical Engineering - ACME 2020 4-5 June 2020, Iași, Romania, <a href="https://iopscience.iop.org/article/10.1088/1757-899X/997/1/012103/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/997/1/012103/pdf</a> .	
14 A.2.2	<b>Stanciu M.D.</b> , H. D. Teodorescu, D. Roșu. R. Steigmann, G.S. Dobrescu, A. Savin: The evaluation of visco-elastic behaviour of composites reinforced with glass fibers subjected to compression, in Proceeding of The 14th International Conference of Slovenian Society for Non –Destructive Testing: "Application of Contemporary non-destructive testing in Engineering", 4-6.09.2017 Portoroz, Slovenia, pp. 129-134, <a href="http://lab.fs.uni-lj.si/latem/ndt/index.php?Naslov_linka=index">http://lab.fs.uni-lj.si/latem/ndt/index.php?Naslov_linka=index</a> <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85049263015&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=stanciu+m&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=83576aeedafbdadb7602f16e36de87ea&amp;sot=b&amp;sdt=cl&amp;cluster=scoprefnameuid%2c%22Stanciu%2c+M.D.%2336624308200%22%2ct&amp;sl=22&amp;s=AUTHOR-NAME%28stanciu+m%29&amp;relpos=40&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85049263015&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=stanciu+m&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=83576aeedafbdadb7602f16e36de87ea&amp;sot=b&amp;sdt=cl&amp;cluster=scoprefnameuid%2c%22Stanciu%2c+M.D.%2336624308200%22%2ct&amp;sl=22&amp;s=AUTHOR-NAME%28stanciu+m%29&amp;relpos=40&amp;citeCnt=0&amp;searchTerm=</a>	1
15 A.2.2.	<b>Stanciu M.D.</b> , Barsanescu P., Goanta V., Savin A. Experimental determination of stress and strain states of the guitar's wood structure, MODTECH INTERNATIONAL CONFERENCE - MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VIII, IOP Conference Series-Materials Science and Engineering, 2020, 916, 012113, DOI10.1088/1757-899X/916/1/012113, WOS:000625330000113, <a href="https://iopscience.iop.org/article/10.1088/1757-899X/916/1/012113">https://iopscience.iop.org/article/10.1088/1757-899X/916/1/012113</a>	1
16 A.2.2.	<b>Stanciu M.D.</b> , Dinulica F., Cirstea I. Physical and mechanical characterization of resonance spruce (Picea Abies L), MODTECH INTERNATIONAL CONFERENCE - MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VIII, IOP Conference Series-Materials Science and Engineering, 2020, 916, 012112, DOI10.1088/1757-899X/916/1/012112, WOS:000625330000112, <a href="https://iopscience.iop.org/article/10.1088/1757-899X/916/1/012112">https://iopscience.iop.org/article/10.1088/1757-899X/916/1/012112</a> ,	1
17 A.2.2.	<b>Stanciu M. D.</b> , Curtu I., Mocanu T., Mechanical Behavior of Guitar Neck under Simple Bending Stress Analyzed with Finite Elements Method, THE 6th INTERNATIONAL CONFERENCE ON ADVANCED CONCEPTS IN MECHANICAL ENGINEERING 12 – 13 June 2014 Iasi, in Applied Mechanics and Materials, Vol. 658 (2014) pp 225-230, <a href="http://www.scientific.net/AMM.658.225">www.scientific.net/AMM.658.225</a>	1
18 A.2.2	<b>Stanciu M.D.</b> , Curtu I., Mihalache Daniel: Design of Experimental Test Bench for Determining the Stresses and Strains State of Guitar Neck, in Applied Mechanics and Materials Vol. 658 (2014) pp 219-224, doi:10.4028/ <a href="http://www.scientific.net/AMM.658.219">www.scientific.net/AMM.658.219</a>	1
19 A.2.2.	<b>Stanciu M.D.</b> , Nastac S., Trandafir M., Bucur V. Dynamic analysis of musical triangles, The 10th International Conference on Wave Mechanics and Vibrations (10th WMVC), Lisabona, Portugalia, 4–6 July 2022, BDI Springer Recent Trends in Wave Mechanics and Vibrations, 10.1007/978-3-031-15758-5_89, <a href="https://link.springer.com/book/10.1007/978-3-031-15758-5?page=6#toc">https://link.springer.com/book/10.1007/978-3-031-15758-5?page=6#toc</a>	1
20 A.2.2.	<b>Stanciu M.D.</b> , Nastac S.M., Savin A., Identifying The Constructive Features of Historical Violins Using Computer Tomography, International Conference INTER-ENG 2022	1

	Interdisciplinarity in Engineering, 6 – 7.10.2022, Tg Mures, Romania, 978-3-031-22374-7 Springer International Publishing (Verlag). <a href="https://link.springer.com/book/9783031223761">https://link.springer.com/book/9783031223761</a>	
21 A.2.2.	<b>Stanciu M.D.</b> , Nastac S.M., Savin A., Comparison between Acoustic Spectral Evolutions of Violins before and after Varnishing, International Conference INTER-ENG 2022 Interdisciplinarity in Engineering, 6 – 7.10.2022, Tg Mures, Romania, 978-3-031-22374-7 Springer International Publishing (Verlag). <a href="https://link.springer.com/book/9783031223761">https://link.springer.com/book/9783031223761</a>	1
	<b>Total N.3.1.</b>	<b>21</b>
<b>Articole A 2.2., tip N3.2.</b>		
1 A2.2.	Savin A, Iftimie N, Nastac S.M., <b>Stanciu M.D.</b> <i>Structural health monitoring of critical zones of small wind turbine blades for domestic users</i> , IManEE 2019 IOP Conf. Series: Materials Science and Engineering 564 (2019) 012067 IOP Publishing doi:10.1088/1757-899X/564/1/012067 <a href="https://iopscience.iop.org/article/10.1088/1757-899X/564/1/012067">https://iopscience.iop.org/article/10.1088/1757-899X/564/1/012067</a>	1
2 A2.2.	Faktorová D., Savin A, Steigmann R, <b>Stanciu M D</b> , Špániková G, <i>Numerical and experimental investigation of metamaterial structures used in non-destructive dielectric material testing</i> , IOP Conf. Series: Materials Science and Engineering 564 (2019) 012036 IOP Publishing doi:10.1088/1757-899X/564/1/012036 <a href="https://iopscience.iop.org/issue/1757-899X/564/1">https://iopscience.iop.org/issue/1757-899X/564/1</a>	1
3 A2.2.	Iftimie N., Savin A., Steigman R., <b>Stanciu M.D.</b> , Nondestructive testing sensor using semiregular architecture with folding ligaments, IOP Conf. Series: Materials Science and Engineering 591 (2019) 012051, Modern Technologies in Industrial Engineering VII, (ModTech2019), <a href="https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012051/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012051/pdf</a>	1
4 A 2.2.	Scarlatescu D., Modrea A., <b>Stanciu M.D.</b> , Three-point Bend Test to Determine the Mechanical Behavior of the Tubes Used in Water Supply Networks, Proceeding Manufacturing, Elsevier, vol 32, p. 179-186, <a href="https://www.sciencedirect.com/science/article/pii/S2351978919302343">https://www.sciencedirect.com/science/article/pii/S2351978919302343</a>	1
5 A 2.2.	Vlase S., Itu C., Vasile O., Nastac C. <b>Stanciu M.D.</b> , Scutaru L, <i>Vibration Analysis of a Mechanical System Composed of Two Identical Parts</i> , <i>Romanian Journal of Acoustic and Vibration RJAV</i> , vol 15(1)/2018; 58-63, ISSN 1584-7284, <a href="http://rjav.sra.ro/index.php/rjav/article/view/52">http://rjav.sra.ro/index.php/rjav/article/view/52</a>	1
6 A 2.2.	Savin A., Bârsanescu P.D., P Vizureanu, <b>Stanciu M.D.</b> , I Curtu, N Iftimie, R Steigmann, <i>Damage detection of carbon reinforced composites using nondestructive evaluation with ultrasound and electromagnetic methods</i> , Materials Science and Engineering 133 (2016) 012013 doi:10.1088/1757-899X/133/1/012013, <a href="http://iopscience.iop.org/issue/1757-899X/133/1;jsessionid=B1B9FC1B958A6292BE3D024AAEEB8498.c6.iopscience.cld.iop.org">http://iopscience.iop.org/issue/1757-899X/133/1;jsessionid=B1B9FC1B958A6292BE3D024AAEEB8498.c6.iopscience.cld.iop.org</a> , ISSN 1757-899X	1
7 A 2.2.	R Steigmann, N Iftimie, G S Dobrescu, P D Barsanescu, I Curtu, <b>Stanciu M D</b> , A Savin (2016) <i>Nondestructive Evaluation And Characterization Of GFRP Using Non-Contact Ultrasound And Complementary Method</i> , Modtech International Conference - Modern	1 Ch2

	Technologies In Industrial Engineering IV, IOP Conf. Series: Materials Science And Engineering 145 (2016) 032010 Doi:10.1088/1757-899X/145/3/032010, <a href="http://iopscience.iop.org/article/10.1088/1757-899X/145/3/032010/pdf">Http://iopscience.iop.org/article/10.1088/1757-899X/145/3/032010/Pdf</a>	
8 A 2.2.	Curtu I., <b>Stanciu M.D.</b> , Dates R. (2015) <i>Rheology In Wood Engineering</i> , In <a href="#">Procedia Technology, Volume 19</a> , 2015, Pages 77–84, 8th International Conference Interdisciplinarity In Engineering, INTER-ENG 2014, 9-10 October 2014, Tirgu Mures, Romania, <a href="https://doi.org/10.1016/j.protcy.2015.02.012">Doi:10.1016/J.Protcy.2015.02.012</a> , <a href="http://www.sciencedirect.com/science/article/pii/S2212017315000134#">Http://Www.Sciencedirect.Com/Science/Article/Pii/S2212017315000134#</a>	1 Ch1
9 A 2.2.	Nastac S., Anghelache D., <b>Stanciu M. D.</b> , Curtu I.: On Acoustic Panels With High Performances For Pollutant Individual Working Place Insulation, In Proceedings Of The 8 <sup>th</sup> International Conference Of DAAAM Baltic Industrial Engineering, 19 – 21 April, 2012, Tallinn, Estonia, ISBN 978-9949-23-265-9, P. 69 – 73, <a href="https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000392535600010">https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000392535600010</a>	1 Ch3
10 A 2.2.	Steigmann R., <b>Stanciu M. D.</b> , M Szasz, I Curtu, T Sturzu, A Savin, <i>The Evaluation Of The Elasto-Plastic Behavior In Case Of The Honed Steel Pipes Subjected To Variable Internal Pressure</i> , Modtech International Conference - Modern Technologies In Industrial Engineering IV Iasi, IOP Science Materials Science And Engineering 145 (2016) 022036 Doi:10.1088/1757-899X/145/2/022036, <a href="http://iopscience.iop.org/article/10.1088/1757-899X/145/2/022036/pdf">Http://iopscience.iop.org/article/10.1088/1757-899X/145/2/022036/Pdf</a>	1
11 A 2.2.	Steigmann R., Savin A., Goanta V., Barsanescu D.P., Leitoiu B., Iftimie N., <b>Stanciu M.D.</b> , Curtu I. (2016) <i>Determination Of Mechanical Properties Of Some Glass Fiber Reinforced Plastics Suitable To Wind Turbine Blade Construction</i> , 7th International Conference On Advanced Concepts In Mechanical Engineering, Materials Science And Engineering 147, UNSP 012140, <a href="http://iopscience.iop.org/article/10.1088/1757-899X/147/1/012140">Http://iopscience.iop.org/article/10.1088/1757-899X/147/1/012140</a>	1 Ch2
12 A 2.2.	Curtu I., Itu. C, Nastac S., <b>Stanciu M.D.</b> , <i>On Dynamic Characterization Of Flexible Structures Due To Impulsive Actions</i> , , In Proceedings Of 10 <sup>th</sup> International Conference In Vibration Problems, Praga 05-08 Septembrie 2011, Isbn 978-80-7372-759-8, Pp. 255-261, <a href="https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000393361600038">https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000393361600038</a>	1
13 A 2.2	Curtu, I., <b>Stanciu M.D.</b> , Ciofoaia V., Timar J., Grimberg R., Itu C., <i>Dynamical Behaviour Of Woven Composite Materials Used To Attenuate The Noise Level</i> , In Proceedings Of The 16th International Conference The Knowledge Based Organization – Applied Technical Sciences And Advanced Military Technologies, 25-27 November 2010, Sibiu, Issn 1843-6722, Pp. 66 – 70 <a href="https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000297596200010">https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000297596200010</a>	1 Ch3
14 A 2.2	Timar J, <b>Stanciu M.D.</b> , Cofaru C., Curtu I., Florea D., Covaciu D, <i>Advanced Method used to measure Noise Levels of Industrial Areas with Potential in Military Applications</i> , in Proceedings of the 16th International Conference The Knowledge Based Organization– Applied Technical Sciences and Advanced Military Technologies, 25-27 November 2010, Sibiu, ISSN 1843-6722, pp. 525 – 530	1 Ch3

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15 A 2.2	Stanciu, S. V., Curtu, I., <b>Stanciu M. D.</b> , Stefan, D.(2009) <i>Optimization Of Coordinate Measuring Machine Using Steppers</i> , In Proceedings Of The 5th lasme – Wseas International Conference On Continuum Mechanics (Cm'10), Wseas Mech. Eng. Series, Wseas Press University Of Cambridge U.K., 23-25 Februarie 2010, Pp. 141 – 146, Issn 1790-5095, Isbn 978-960-474-158-8, <a href="https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000276890300020">https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000276890300020</a>	1
16 A 2.2	Curtu I, <b>Stanciu M. D.</b> , Cretu N, Rosca I (2009) <i>Modal Analysis Of Different Types Of Classical Guitar Bodies</i> , In Proceedings Of The 10 <sup>th</sup> Wseas International Conference On Acoustics & Music: Theory & Applications – Amta09 (Istp/Isi Proceeding Of Thomson Scientific-Institute For Scientific Information), 23-25 March 2009, Prague, Czech Republic, Isbn: 978-960-474-061-1, Issn: 1790-5095, Pp. 30-34 <a href="https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000265381800004">https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000265381800004</a>	1 Ch1
17 A 2.2	Nastac, S., Debeleac, C., Curtu, I., <b>Stanciu, M.D.</b> , Leopa, A.: <i>On Dynamics Stochastic Evaluation Of Embedded Systems Protection Against Vibration</i> , In Annals Of DAAAM For 2009& Proceedings Of The 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus On Theory, Practice And Education" 25-28 Th November 2009, Viena, Austria, - ISI Proceedings, ISSN 1726-9679, ISBN 978-3-901509-70-4, Pp. 1619-1620; <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84904320811&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=stanciu+m&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=83576aeedafbdadb7602f16e36de87ea&amp;sot=b&amp;sdt=cl&amp;cluster=scoprefnameuid%2c%22Stanciu%2c+M.D.%2336624308200%22%2ct&amp;sl=22&amp;s=AUTHOR-NAME%28stanciu+m%29&amp;relpos=58&amp;citeCnt=1&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84904320811&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=stanciu+m&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=83576aeedafbdadb7602f16e36de87ea&amp;sot=b&amp;sdt=cl&amp;cluster=scoprefnameuid%2c%22Stanciu%2c+M.D.%2336624308200%22%2ct&amp;sl=22&amp;s=AUTHOR-NAME%28stanciu+m%29&amp;relpos=58&amp;citeCnt=1&amp;searchTerm=</a>	1
18 A 2.2	Curtu, I., <b>Stanciu, M.D.</b> , Nastac, S., Savin, A.: <i>The Structural Analyses Of Classical Guitar Body Through Experimental Methods</i> , In Annals Of DAAAM For 2009& Proceedings Of The 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus On Theory, Practice And Education" 25-28 Th November 2009, Viena, Austria, - ISI Proceedings, ISSN 1726-9679, ISBN 978-3-901509-70-4, Pp. 1789-1790; <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84904308229&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=stanciu+m&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=83576aeedafbdadb7602f16e36de87ea&amp;sot=b&amp;sdt=cl&amp;cluster=scoprefnameuid%2c%22Stanciu%2c+M.D.%2336624308200%22%2ct&amp;sl=22&amp;s=AUTHOR-NAME%28stanciu+m%29&amp;relpos=59&amp;citeCnt=1&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84904308229&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=stanciu+m&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=83576aeedafbdadb7602f16e36de87ea&amp;sot=b&amp;sdt=cl&amp;cluster=scoprefnameuid%2c%22Stanciu%2c+M.D.%2336624308200%22%2ct&amp;sl=22&amp;s=AUTHOR-NAME%28stanciu+m%29&amp;relpos=59&amp;citeCnt=1&amp;searchTerm=</a>	1
19 A 2.2	Curtu, I., <b>Stanciu M. D.</b> , Itu, C., Grimberg, R., - <i>Numerical Modelling Of The Acoustic Plates As Constituents Of Stringed Instruments</i> , In Proceedings Of The 6 <sup>th</sup> International Conference Of DAAAM Baltic Industrial Engineering, 24-26 <sup>th</sup> April 2008, Tallinn, Estonia,	1

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20 A 2.2	Terciu, O. M., Curtu, I., Cerbu, C., <b>Stanciu, M. D.</b> , (2011) <i>Mechanical properties of composites reinforced with natural fiber fabrics</i> , in „Annals of DAAAM for 2011 & Proceedings of the 22th International DAAAM Symposium Intelligent Manufacturing & Automation”, 23-26 November 2011, ISSN 1726-9679, pp. 607-608; <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84904345938&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=stanciu+m&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=83576aeedafbdadb7602f16e36de87ea&amp;sot=b&amp;sdt=cl&amp;cluster=scoprefnameuid%2c%22Stanciu%2c+M.D.%2336624308200%22%2ct&amp;sl=22&amp;s=AUTHOR-NAME%28stanciu+m%29&amp;relpos=56&amp;citeCnt=9&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84904345938&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=stanciu+m&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=83576aeedafbdadb7602f16e36de87ea&amp;sot=b&amp;sdt=cl&amp;cluster=scoprefnameuid%2c%22Stanciu%2c+M.D.%2336624308200%22%2ct&amp;sl=22&amp;s=AUTHOR-NAME%28stanciu+m%29&amp;relpos=56&amp;citeCnt=9&amp;searchTerm=</a>	1
21 A 2.2.	Munteanu V. M., <b>Stanciu M.D.</b> , Vlase S., (2020) Image correlation to predict the gait recovery of patients in the postsurgery period, 13th International Conference Interdisciplinarity in Engineering (INTER-ENG 2019), Procedia Manufacturing, Volume 46, Pages 499-508 (2020) <a href="https://www.sciencedirect.com/science/article/pii/S2351978920309501">https://www.sciencedirect.com/science/article/pii/S2351978920309501</a>	1
22 A 2.2.	Munteanu M.V., <b>Stanciu M.D.</b> , Modrea A., (2020) Behavior of laminated wooden beam with variable section subjected to bending, 13th International Conference Interdisciplinarity in Engineering (INTER-ENG 2019) Procedia Manufacturing, Vol. 46, pages 899 -905, <a href="https://www.sciencedirect.com/science/article/pii/S2351978920314542">https://www.sciencedirect.com/science/article/pii/S2351978920314542</a>	1
23 A.2.2.	Mihalcica, M., <b>Stanciu M.D.</b> , Savin A., Dinulica F., Bucur V. THE EFFECT OF RESONANCE WOOD QUALITY ON VIOLINs VIBRATION, The 10th International Conference on Wave Mechanics and Vibrations (10th WMVC), Lisabona, Portugalia, 4–6 July 2022, BDI Springer Recent Trends in Wave Mechanics and Vibrations, 10.1007/978-3-031-15758-5_90, <a href="https://link.springer.com/book/10.1007/978-3-031-15758-5?page=6#toc">https://link.springer.com/book/10.1007/978-3-031-15758-5?page=6#toc</a>	1
24 A.2.2.	Mihalcica, M., Nauncef A.M., Gliga V.G., <b>Stanciu M.D.</b> , Nastac S., Campean M., Correlation between dynamic features of unvarnished and varnished new violins and their acoustic perceptual evaluation, The 10th International Conference on Wave Mechanics and Vibrations (10th WMVC), Lisabona, Portugalia, 4–6 July 2022, BDI Springer Recent Trends in Wave Mechanics and Vibrations, 10.1007/978-3-031-15758-5_88. <a href="https://link.springer.com/book/10.1007/978-3-031-15758-5?page=6#toc">https://link.springer.com/book/10.1007/978-3-031-15758-5?page=6#toc</a>	1
	<b>Total N3.2.</b>	<b>24</b>
		N3.1=21 ; N3.2.=24,



Total A.2.2 N3.1.+N3.2.=45 puncte

**A.2.3. CDI-BRV**

Nr. crt.	Titlul brevetului	Punctaj
1. A 2.3.	Propunere de brevet: CBI A/00560/23.07.14 (BI R0130753A0): <i>Plăci fonoabsorbante și termoizolante obținute din deșeuri reciclate de ABS în proporție de 90%-100% și procedeu de obținere</i> , Coșereanu Camelia, Lica Dumitru, Brenci Luminița - Maria, Fotin Adriana, Curtu Ioan, <b>Stanciu M.D.</b> <a href="http://pub.osim.ro/publication-server/pdf-document?PN=R0130753%20R0%20130753&amp;iDocId=7765&amp;iepatch=.pdf">http://pub.osim.ro/publication-server/pdf-document?PN=R0130753%20R0%20130753&amp;iDocId=7765&amp;iepatch=.pdf</a>	$P2.1=2*3*(0,2+2)/6=2.2$
2 A 2.3.	Rezumat brevet publicat in WOS de adaugat link: CBI A/00729/27.09.2018: <i>Stand și metodă de testare reologică a structurilor de chitară</i> , <b>Stanciu M.D.</b> , Coșereanu C., Cerbu C., Munteanu V., Georgescu S., Vlase S. <a href="http://pub.osim.ro/publication-server/pdf-document?PN=R0133205%20R0%20133205&amp;iDocId=11694&amp;iepatch=.pdf">http://pub.osim.ro/publication-server/pdf-document?PN=R0133205%20R0%20133205&amp;iDocId=11694&amp;iepatch=.pdf</a>	$P2.1.=2*3*(0,2+2)/6=2.2$
3 A 2.3.	Propunere de brevet: A06004/04.10.2022 STAND ȘI METODA DE TESTARE STATICĂ ȘI DINAMICĂ A VIORILOR, autori: Stanciu M.D., Gliga V.Gh., Mihalcica M., Cherdivar A., Nastac S., Campean M., Dinulica F.	0
<b>Total puncte CDI-BRV</b>		<b>4.4</b>

**A. 2.5. CDI-MON**

Nr. crt.	Titlul monografiei	Punctaj
1 A 2.5.	<b>Stanciu M.D.</b> , Curtu I. (2012) <i>Dinamica structurii chitarei clasice</i> , Ed. Universității Transilvania din Brașov, ISBN:9786061900749, pp. 211. <a href="https://drive.google.com/file/d/13ffjoPPonyYIOJPZSSOILOnM07AeUdyY/view?usp=sharing">https://drive.google.com/file/d/13ffjoPPonyYIOJPZSSOILOnM07AeUdyY/view?usp=sharing</a>	1
2 A 2.5.	<b>Stanciu M.D.</b> , Terciu O.M., Curtu I., (2014) <i>Compozite Lignocelulozice – Aplicații în Industria Automobilelor</i> , Ed. Universitatii Transilvania din Brasov ISBN:9786061905188, pp:238 <a href="https://drive.google.com/file/d/1P4gUDYwF806KtGrnyezd9NTSspVxfOxM/view?usp=sharing">https://drive.google.com/file/d/1P4gUDYwF806KtGrnyezd9NTSspVxfOxM/view?usp=sharing</a>	1
3 A 2.5.	<b>Stanciu M.D.</b> , Mihalcica M., ș.a. <i>Dinamica viorii</i> , Ed. Universității Transilvania din Brașov, ISBN: 978–606–19–1517–0202, p. 305 <a href="https://drive.unitbv.ro/apps/files/?dir=/&amp;fileid=1316247">https://drive.unitbv.ro/apps/files/?dir=/&amp;fileid=1316247</a>	1
<b>Total puncte CDI-MON</b>		<b>N.4.3. =3</b>

Criteriu		Indicatori	Condiții minime profesor	Punctaj îndeplinit <i>La data publicării</i>
Activitatea de cercetare <b>A 2</b>	A 2.1.+A 2.3.	P1+P2	10	<b>115.87</b>
		P1	6	<b>60.854</b>
		P2		<b>4.4</b>

	A 2.2.	N3.	10	<b>45</b>
		N3.1.	5	<b>21</b>
	A 2.4.+A 2.5.	N4.	2	<b>3</b>
		N4.3	1	<b>3</b>

**Se poate constata faptul că în punctajul pentru criteriul „Activitate de cercetare științifică” (A2), , în conformitate cu prevederile Anexei nr. 6129/2016 la Ordinul Ministrului, îmi permit să apreciez că CRITERIUL DE EVALUARE A2 ESTE ÎNDEPLINIT.**

Data: 06.12.2022

Candidat,  
conf. univ. dr. ing. STANCIU Mariana Domnica



**Fișa de verificare a criteriului  
„Recunoașterea și impactul activității” (RIA – A3)**

Standarde minimale pentru domeniile științifice ”Inginerie mecanică, mecatronică și robotică”:

**Criteriul RIA „Recunoașterea și impactul activității” (RIA A3)**

Atragere resurse financiare prin proiecte/granturi/contracte cu terți	A 3.1.	Director sau responsabil partener la grant/proiect câștigat prin competiție națională sau internațională	$S1^{(6)}$ = sumă echivalentă în mii euro
		Membri în echipă la grant/proiect câștigat prin competiție națională sau internațională, proiecte/contracte cu terți	$S2^{(7)}$ = sumă echivalentă în mii euro
Prezentarea /Diseminarea rezultatelor: prezență la manifestări științifice, în calitate de autor, co-autor la lucrări, profesor invitat	A 3.2.	Congrese/conferințe/workshop-uri internaționale, profesor invitat la universități/institute din străinătate	$N5$ = număr
Citări în publicații BDI (se exclud autocitările)	A 3.3.	$C1$ – număr de citări $S_{IF}$ – suma factorilor de impact al publicațiilor WOS în care apar citările	$C=C1+S_{IF}$

**RIA – Proiecte contracte A 3.1.**

Nr. crt.	Proiecte/granturi/contracte cu terți	Punctaj
<b>A 3.1. Director sau responsabil partener la grant/proiect</b>		
1 A 3.1.	PN-III-P4-PCE-2021-0885, contract PCE 61/2022 Analiza calitativă, dinamică și acustică a sistemelor anizotrope Cu interferențe modificate – ACADIA Perioada: 2022 – 2024; Finantator: UEFISCDI, suma: 1200000 lei <a href="file:///C:/Users/Stanciu%20Mariana/Downloads/PCE%202021_Proiecte%20a%20acceptate%20la%20finantare_ST_INGINERESTI%20(1).pdf">file:///C:/Users/Stanciu%20Mariana/Downloads/PCE%202021_Proiecte%20a%20acceptate%20la%20finantare_ST_INGINERESTI%20(1).pdf</a>	$S1=250$
2 A 3.1.	PN-III-P2-2.1-PED-2019-2148, contract: PED 568/2020 <i>Modele inovative de viori comparabile acustic și estetic cu viorile de patrimoniu – MINOVIS</i> , Perioada: 2020 – 2022; Finantator: UEFISCDI, suma: 600000 lei <a href="https://uefiscdi.gov.ro/resource-821169-d6_rezerva.pdf">https://uefiscdi.gov.ro/resource-821169-d6_rezerva.pdf</a>	$S1=120$
3 A 3.1.	Proiect PN-III-P2-2.1-BG 85/2016 <i>Soluții integrative de creștere a performanței economice prin optimizarea proprietăților rigido-elastice și stabilității structurale a chitarelor de fabricație românească - SINOPTIC</i> ; Perioada: 2016-2018; finantator: Uefiscdi (durata 24 luni), suma 400 000 lei <a href="https://uefiscdi.gov.ro/resource-8389">https://uefiscdi.gov.ro/resource-8389</a>	$S1=88,89$
4 A 3.1.	Proiect PN-III – PT-PCCA 2013-4-0656/ Nr. contract: 59/2014 (etapa 2017) <i>Monitorizarea integrității structurale și autorepararea palelor de turbine eoliene și a altor structuri din compozite inteligente (STHEMOWTB)</i> (INCDFT Iasi – coordonator, Universitatea Transilvania din Brasov – Partener) director	$S1=5,11$

	proiect șef lucr. dr. ing. Stanciu M.D. pentru anul 2017) Perioada: 2014 – 2017, Finantator: UEFISCDI, suma/2017: <b>23 000 lei</b> <a href="#">Dovada CD</a>	
5 A 3.1.	<b>Proiect PNII-RU-BD/2007 Bursă Doctorală Națională Cercetări privind optimizarea formei și structurii plăcilor compozite lignocelulozice supuse la solicitări ciclice, cu aplicații la instrumentele musicale;</b> Perioada: 2007-2008; Finanțator: CNCSIS (durata: 12 luni), suma <b>18 000 lei</b> <a href="http://old.uefiscdi.ro/userfiles/file/BURSE%20BD/Rez_BD_2007_NOI.pdf">http://old.uefiscdi.ro/userfiles/file/BURSE%20BD/Rez_BD_2007_NOI.pdf</a>	S1= 4,00
6 A 3.1.	<b>Proiect PNII-RU-TD182/2007 Cercetări privind optimizarea formei și structurii plăcilor compozite lignocelulozice supuse la solicitări ciclice, cu aplicații la instrumentele musicale;</b> Perioada: 2007-2009; Finanțator: CNCSIS (durata: 18 luni), suma <b>33 147 lei</b> <a href="http://old.uefiscdi.ro/UserFiles/File/TD_2007_SEPTEMBRIE/Proiecte_propuse_spre_finantare_tip_TD.htm">http://old.uefiscdi.ro/UserFiles/File/TD_2007_SEPTEMBRIE/Proiecte_propuse_spre_finantare_tip_TD.htm</a>	S1= 7,37
<b>Subtotal S1: 475,37</b>		
<b>A 3.1. Membru în echipă la grant/proiect</b>		
5 A 3.1.	<b>PND-II-D72–200/2008 Proiect BIOCMPTEX 72-200/2008</b> Compozite biodegradabile cu insertii textile pentru produse ambientale ecologice, (Universitatea Tehnica "Gheorghe Asachi" din Iasi – coordonator, Universitatea Transilvania din Brasov – Partener) director proiect conf univ. dr. Camelia Coșereanu, perioada: 2008- 2011 finantator: CNCSIS, durata 36 luni, suma alocată ca membru <b>4418 lei (conform FRACS 2008-2011)</b> <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2009) <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2010) <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2011)	S2= 1,00
6 A 3.1.	<b>PC-71-016/2007 Proiect MODIS</b> Monitorizarea, diagnoza și repararea structurilor complexe din materiale avansate, (INCDFI Iasi – coordonator, Universitatea Transilvania din Brasov – Partener) director proiect prof. univ. dr. Ioan Curtu, Perioada 2007-2010, Finanțator CNCSIS (durata 36 luni), suma alocată ca membru <b>11400 lei (conform FRACS 2008-2010)</b> <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2008) <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2009) <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2010)	S2= 2,53
7 A 3.1.	<b>CEEX 49/2006 ROLIGHT</b> Sistem de management prin procedee neinvazive a caracteristicilor fizico-mecanice, a fiabilitatii și degradarii materialelor composite, tehnologii "embedded" pentru monitorizare în timpul exploatarei; aplicații la composite lignocelulozice, structuri usoare din materiale composite, composite nanocelulozice, (INCDFI Iasi – coordonator, Universitatea Transilvania din Brasov – Partener) director proiect prof. univ. dr. Ioan Curtu, perioada: 2006-2008, Finanțator:CNCSIS (durata 36 luni) suma alocată ca membru <b>10500 lei (conform FRACS 2008)</b> <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2008)	S2= 2,33

8 A 3.1.	<b>CEEX Cod 211/2006 ELMOSTPRO</b> Cercetari privind realizarea din materiale compozite a elementelor modulare in scopul cresterii rezistentei la socuri a structurilor de protectie mecanica destinate parapetilor pentru drumuri (ICECON – coordonator Universitatea Transilvania din Brasov – Partener) director proiect prof. univ. dr. Ioan Curtu, perioada: 2006-2008, Finantator: AMCSIT Politehnica din Bucuresti (durata 24 luni) suma alocată ca membru <b>7000 lei (conform FRACS 2008)</b> <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2008)	S2= 1,55
9 A 3.1.	<b>CEEX Cod 219/2006 SIPSCAS</b> Sistem inovativ de panouri sandwich – compozit tip mogapan cu miez fagure pentru preluarea si absortia zgomotului din traficul urban si extraurban (ICECON – coordonator, Universitatea Transilvania din Brasov – Partener) director proiect prof. univ. dr. Ioan Curtu, perioada: 2006-2008, Finantator: AMCSIT Politehnica din Bucuresti (durata 24 luni) suma alocată ca membru <b>5500 lei (conform FRACS 2008)</b> <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2008)	S2= 1,22
10 A 3.1.	<b>ID_ 191/225 din 1.10.2007</b> Modelarea si simularea comportarii la factori mecanici si de mediu agresivi a materialelor compozite intarite cu textile, director proiect prof. univ. dr. Vasile Ciofoaia, perioada: 2007-2009, Finantator: CNCSIS, suma alocată ca membru <b>30 900 lei (conform FRACS 2008-2010)</b> <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2008) <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2009) <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2010)	S2= 6,86
11 A 3.1.	<b>Proiect PN-III – PT-PCCA 2013-4-0656/ Nr. contract: 59/2014 (etapa 2017)</b> <i>Monitorizarea integrității structurale și autorepararea palelor de turbine eoliene și a altor structuri din compozite inteligente (STHEMOWTB)</i> (INCDFT Iasi – coordonator, Universitatea Transilvania din Brasov – Partener) director proiect prof. univ. dr. ing. Curtu I. pentru anul 2014-2016) Perioada: 2014 – 2017, Finantator: UEFISCDI, suma/2017: <b>26 536 lei</b> <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2014) <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2015) <a href="https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS">https://intranet.unitbv.ro/Cercetare/FRACS/Completare-FRACS</a> (2016)	S2= 5,89
		<i>Subtotal S2: 21.38</i>
		<i>S 1=475,37</i>
		<i>S 2=21,38</i>
		<b>TOTAL A.3.1. 496,75 puncte</b>

## A.3.2. RIA – Conferințe/Congrese

<b>Prezentarea /Diseminarea rezultatelor: prezență la manifestări științifice, în calitate de autor, co-autor la lucrări, profesor invitat</b>		
1 A 3.2.	<b>The 8th International Conference on Advanced Concepts in Mechanical Engineering – ACME 2018, Iasi, Romania, June 07 - 08, 2018 cu lucrările:</b>	N5=1

	<p>Șova D., <b>Stanciu M.D.</b>, Belea E., Bidu V. <i>Innovative thermal insulation panels with air channels</i>, in The 8th International Conference on Advanced Concepts in Mechanical Engineering - ACME 2018, June 07 - 08, 2018,</p> <p>M.V. Munteanu, <b>M.D. Stanciu</b>, I.Ș. Uruçu, P.G. Duță, Structural analysis of classical guitar during the technological processing, The 8th International Conference on Advanced Concepts in Mechanical Engineering - ACME 2018, June 07 - 08, 2018,</p> <p>M.V. Munteanu, <b>M.D. Stanciu</b>, S M Năstac, A Savin, Modal analysis of small turbine blade made from glass fibres composites The 8th International Conference on Advanced Concepts in Mechanical Engineering - ACME 2018, June 07 - 08, 2018</p> <p><a href="http://mec.legacy.tuiasi.ro/acme2018/files/Conference%20Program%20Outline.pdf">http://mec.legacy.tuiasi.ro/acme2018/files/Conference%20Program%20Outline.pdf</a></p>	
2 A 3.2.	<p><b>The 14th International Conference of Slovenian Society for Non –Destructive Testing: "Application of Contemporary non-destructive testing in Engineering", 4-6.09.2017 Portoroz, Slovenia, cu lucrările</b></p> <p><b>Stanciu M.D., H. D. Teodorescu, D. Roșu. R. Steigmann, G.S. Dobrescu, A. Savin:</b> The evaluation of visco-elastic behaviour of composites reinforced with glass fibers subjected to compression, in Proceeding of The 14th International Conference of Slovenian Society for Non –Destructive Testing: "Application of Contemporary non-destructive testing in Engineering", 4-6.09.2017 Portoroz, Slovenia, pp. 129-134, <a href="http://lab.fs.uni-lj.si/latem/ndt/index.php?Naslov_linka=index">http://lab.fs.uni-lj.si/latem/ndt/index.php?Naslov_linka=index</a>, ISBN 978-961-93537-3-8 (PNII 59/2014)</p> <p><b>Stanciu M.D.,</b> Rozina Steigmann, <i>Valcea C</i>, The evaluation of the surface energy of the lignocelluloses composite exposed to UV radiation", in Proceeding of The 14th International Conference of Slovenian Society for Non –Destructive Testing: "Application of Contemporary non-destructive testing in Engineering", 4-6.09.2017, Portoroz, Slovenia, pp. 117 - 125 <a href="http://lab.fs.uni-lj.si/latem/ndt/index.php?Naslov_linka=index">http://lab.fs.uni-lj.si/latem/ndt/index.php?Naslov_linka=index</a>, ISBN 978-961-93537-3-8 (BG85/2016)</p> <p><a href="http://lab.fs.uni-lj.si/latem/ndt/userfiles/file/Program%20ICNDT%202017(2).pdf">http://lab.fs.uni-lj.si/latem/ndt/userfiles/file/Program%20ICNDT%202017(2).pdf</a></p>	N5=1
3 A 3.2.	<p><b>The 11th International Conference "Wood Science and Engineering in the Third Millennium" - ICWSE 2017, Brașov, Romania 2-4 november 2017 cu lucrarea:</b></p> <p><b>Stanciu M.D.,</b> Teodorescu Draghicescu H., Ursarescu A., Labont P.C., Bit C., Numerical And Experimental Approach Of Behaviour Of The Wood Based Composite Subjected To Cyclic Bending, in Proceeding of <i>International Conference "Wood Science and Engineering in the Third Millennium" - ICWSE 2017, ISSN 1843-2689</i>, p.253-260 8 (BG85/2016)</p> <p><a href="https://www.iufro.org/fileadmin/material/science/divisions/div5/50500/brasov17-icwse-program.pdf">https://www.iufro.org/fileadmin/material/science/divisions/div5/50500/brasov17-icwse-program.pdf</a></p>	N5=1
4 A 3.2.	<p><b>The 7th International Conference on Computational Mechanics and Virtual Engineering COMEC 2017, Brașov, Romania, 16-17 November 2017, cu lucrările:</b></p> <p><b>Stanciu M.D.,</b> Pavel C. Lăbonț, Călin Târnoveanu, Hunor Bege, Mihaela Violeta Munteanu: <i>Comparison Between Numerical and Physical Model of Lignocelluloses Materials Subjected to Cyclic Bending</i>, in Proceeding of The 7th International Conference on Computational Mechanics and Virtual Engineering COMEC 2017, p. 15-18, ISSN 2457-8541</p> <p><b>Stanciu M.D.,,</b> Călin Târnoveanu, Hunor Bege, Mihaela Violeta Munteanu, Silviu M. Năstac: <i>The Computation Of The Internal Forces In The Structure Of A Wind Turbine</i> in Proceeding of The 7th International Conference on Computational Mechanics and Virtual Engineering COMEC 2017, p. 19-22, ISSN 2457-8541</p> <p><b>Stanciu M.D.,,</b> Violeta Mihaela Munteanu, Sergiu Valeriu Georgescu, Iulian Ștefan Uruçu, Petrică Georgică Duță <i>Analysis of Lignocellulose Structures Deformations by Quantitative and Qualitative Methods</i> in Proceeding of The 7th International Conference on Computational Mechanics and Virtual Engineering COMEC 2017, p. 87-92, ISSN 2457-8541.</p> <p><a href="https://sites.google.com/site/comec2017brasov/final-programme">https://sites.google.com/site/comec2017brasov/final-programme</a></p>	N5=1
5 A 3.2.	<p><b>The 11th International Conference Interdisciplinarity in Engineering, INTER-ENG 2017, 5-6 octombrie 2017, Tirgu Mures, Romania</b></p>	N5=1



	<b>Stanciu M. D.</b> , Ardeleanu A.F. Teodorescu Draghicescu H, <i>Reverse engineering in finite element analysis of the behaviour of lignocellulosic materials subjected to cyclic stresses</i> 11th International Conference Interdisciplinarity in Engineering, INTER-ENG 2017, 5-6 October 2017, Tirgu Mures, Romania <a href="https://www.sciencedirect.com/science/article/pii/S2351978918303056">https://www.sciencedirect.com/science/article/pii/S2351978918303056</a>	
6 A 3.2.	<b>The 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016, 6-7 octombrie 2016, Tirgu Mures, Romania</b> <b>Stanciu M.D.</b> , Curtu Ioan, Savin Adriana, <i>A Finite Element Approach for Inter - Laminar Damage of the Carbon Fiber Reinforced Polymer due to Impact</i> , 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016, 6-7 octombrie 2016, Tg Mures, <b>Stanciu M.D.</b> , Curtu Ioan, Szasz Matyas, <i>The Assessment of the Probabilistic Burst of Honed Steel Pipes Based on Elastic Plastic Behavior</i> , 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016, 6-7 octombrie 2016, Tg Mures, <a href="https://inter-eng.umfst.ro/2016/files/technical-program/Brochure.pdf">https://inter-eng.umfst.ro/2016/files/technical-program/Brochure.pdf</a>	N5=1
7 A 3.2.	<b>The 8th International Conference Interdisciplinarity in Engineering, INTER-ENG 2014, 9-10 October 2014, Tirgu Mures, Romania</b> <b>Stanciu M.D.</b> , Curtu Ioan, Cosereanu C., Lica D. (2015) Soundproofing Performance Evaluation of Panels Made of Fibers of Acrylonitrile Butadiene Styrene Copolymer (ABS), <i>Procedia Technology, Volume 19</i> , 2015, Pages 260–267, <a href="https://doi.org/10.1016/j.protcy.2015.02.038">doi:10.1016/j.protcy.2015.02.038</a> , ISSN 2212-0173 <a href="https://inter-eng.umfst.ro/2014/files/technical-program/Brochure.pdf">https://inter-eng.umfst.ro/2014/files/technical-program/Brochure.pdf</a>	N5=1
8 A 3.2.	<b>The 12<sup>th</sup> International Congress of Automotive and Transport Engineering, CONAT 2016 Braşov, Romania, October</b> Stanciu Mariana Domnica, Curtu Ioan, Groza Mihai, Savin Adriana, <i>The Evaluation of Rheological Properties of Composites Reinforced with Hemp, Subjected to Photo and Thermal Degradation</i> , DOI 10.1007/978-3-319-45447-4_62 <a href="https://siar.ro/conat-2016/">https://siar.ro/conat-2016/</a>	N5=1
9 A 3.2.	<b>1º Congresso Ibero-Latino Americano da Madeira na Construção, Coimbra, Portugalia 7 – 9 iunie 2011, cu lucrările:</b> Curtu I., <b>Stanciu M. D.</b> , Floroiu M., Coman M.: <i>The wooden churches of Maramures – elements of timber civilization in Romania</i> , in Proceedings of 1º Congresso Ibero-Latino Americano da Madeira na Construção, Coimbra, Portugalia 7 – 9 iunie 2011, ISBN 987-989-96461-2-4, p. 67-69 (Book of Abstract) si pe CD lucrarea in extenso, <a href="https://www.dec.uc.pt/cimad11/en/">https://www.dec.uc.pt/cimad11/en/</a> Botis M., Curtu I., <b>Stanciu M. D.</b> , Floroiu M., Coman M., Terciu O.: <i>Researches regarding FEM analysis of stress and strain state from the structure of wooden churches</i> , in Proceedings of 1º Congresso Ibero-Latino Americano da Madeira na Construção, Coimbra, Portugalia 7 – 9 iunie 2011, ISBN 987-989-96461-2-4, p. 169 - 170 (Book of Abstract) si pe CD lucrarea in extenso, <a href="https://www.dec.uc.pt/cimad11/en/">https://www.dec.uc.pt/cimad11/en/</a> Diaconu C., Curtu I., Cosereanu C., Moraru Gh., <b>Stanciu M. D.</b> , <i>Large curved surface sustained by 3D spherical structure formed by 90 equal wooden bars</i> , in Proceedings of 1º Congresso Ibero-Latino Americano da Madeira na Construção, Coimbra, Portugalia 7 – 9 iunie 2011, ISBN 987-989-96461-2-4, p. 111 – 112 (Book of Abstract) si pe CD lucrarea in extenso, <a href="https://www.dec.uc.pt/cimad11/en/">https://www.dec.uc.pt/cimad11/en/</a>	N5=1
10 A 3.2.	<b>The 11<sup>th</sup> International Congress of Automotive and Transport Engineering CONAT 2010, 27-29 October 2010, Braşov, Romania</b> Curtu I, <b>Stanciu M.D.</b> , Timar. J, Rosca I.C., Cerbu C., Luca Motoc D., <i>Natural Frequency and Damping of Composite Materials with Application in the Sound Barriers Structures</i> , in Book- The Automobile and the Environment; <a href="https://conferencealerts.com/show-event?id=ca16h66a">https://conferencealerts.com/show-event?id=ca16h66a</a>	N5=1
11 A 3.2.	<b>The 10<sup>th</sup> International Conference in Vibration Problems (ICOVP2011), Praga , Cehia 05-08 septembrie 2011</b>	N5=1

	<p><b>Stanciu M.D.</b>, Curtu I., Itu C., Nastac S., Timar I., <i>On Static and Dynamic Behavior of Noise Barriers Structures using FEA</i>, in Proceedings of 10<sup>th</sup> International Conference in Vibration Problems, ISBN 978-80-7372-759-8, pp.491-496, <a href="http://www.icovp.org/index.asp">http://www.icovp.org/index.asp</a></p> <p>Curtu I., Itu. C, Nastac S., <b>Stanciu M.D.</b>, <i>On Dynamic Characterization of Flexible Structures Due to Impulsive Actions</i>, in Proceedings of 10<sup>th</sup> International Conference in Vibration Problems, Praga 05-08 septembrie 2011, ISBN 978-80-7372-759-8, pp. 255-261, <a href="http://www.icovp.org/index.asp">http://www.icovp.org/index.asp</a> <a href="https://www.worldcat.org/title/vibration-problems-icovp-2011-the-10th-international-conference-on-vibration-problems/oclc/867933784">https://www.worldcat.org/title/vibration-problems-icovp-2011-the-10th-international-conference-on-vibration-problems/oclc/867933784</a></p>	
12 A 3.2.	<p><b>The 19<sup>th</sup> International Conference AFASES 2017, organizata de Academia Fortelor Aeriene Henri Coanda din Brasov, Romania, 25-27 mai 2017, Romania</b></p> <p>Horatiu TEODORESCU-DRAGHICESCU, <b>Mariana Domnica STANCIU</b>, Florin TEODORESCU-DRAGHICESCU, NEW COMPOSITE SANDWICH WITH ALUMINUM CORE, in Scientific Research &amp; Education in the Air Force-AFASES, ISSN 2247-3173, Publisher: Henri Coanda Air Force Academy, Henri Coanda Air Force academy, pp. 331-337, <a href="https://www.afahc.ro/afases/guide_afases_2017.pdf">https://www.afahc.ro/afases/guide_afases_2017.pdf</a></p>	N5=1
13 A 3.2.	<p><b>1st Eaa-Euroregio 2010, Congress On Sound And Vibration, 15 – 18 September 2010, Ljubljana, Slovenia, ISBN 978-961-269-283-4, Cod Lucrare 193, Website: <a href="http://Lab.Fs.Uni-Lj.Si/Sda/Euroregio">Http://Lab.Fs.Uni-Lj.Si/Sda/Euroregio</a></b></p> <p><b>Stanciu M. D.</b>, Curtu I., Timar J., Rosca C., <i>Research regarding the acoustical properties of composite materials used for reduction of the traffic noise</i>, in Proceedings of 1st EAA-EuroRegio 2010, Congress on Sound and Vibration, 15 – 18 September 2010, Ljubljana, Slovenia, ISBN 978-961-269-283-4, cod lucrare 193, website: <a href="http://lab.fs.uni-lj.si/sda/euroregio">http://lab.fs.uni-lj.si/sda/euroregio</a>; Abstractul lucrării publicat in: The Journal of the European Acoustics Association (EAA) <i>Acta Acustica united with Acustica</i> – International Journal of Acoustica, Vol. 96, Supplement 1 – 2010 – pp. S1-S108, E21 466, ISSN 1610-1928, p. S49, cod 193</p>	N5=1
14 A 3.2.	<p><b>The 7<sup>th</sup> Edition of International Conference „Wood Science and Engineering in the Third Millennium”, ICWSE 2009, 4-6 June 2009, Brasov, Romania ISSN 1843-2689, pp. 688-695, IUFRO si UEA</b></p> <p>Curtu, I., <b>Stanciu, M.D.</b>, Itu, C., Savin A., Rosu, D. <i>Research regarding structural optimization of classical guitar body</i>, in Proc. of The 7<sup>th</sup> Edition of International Conference „Wood Science and Engineering in the Third Millennium”, ICWSE 2009, 4-6 June 2009, Brasov, ISSN 1843-2689, pp. 654-662, IUFRO si UEA</p> <p>Grimberg, R., Curtu, I., Savin, A., <b>Stanciu, M. D.</b>, Andreescu A., Leitoiu S., Bruma A., Barsanescu P., <i>Elastic Waves Propagation in Multilayered Anisotropic Composite – Application to Multilayered Lignocellulose Composite</i>, in Proc. of The 7<sup>th</sup> Edition of International Conference „Wood Science and Engineering in the Third Millennium”, ICWSE 2009, 4-6 June 2009, Brasov, ISSN 1843-2689, pp. 688-695, IUFRO si UEA.</p> <p>Savin A., <b>Stanciu M. D.</b>, Steigmann R., Barsanescu P., Curtu I., Grimberg R., <i>Ultrasonic Noninvasive methods for evaluation of multilayered lignocelluloses composite</i>, in Proc. of The 7<sup>th</sup> Edition of International Conference „Wood Science and Engineering in the Third Millennium”, ICWSE 2009, 4-6 June 2009, Brasov, ISSN 1843-2689, IUFRO si UEA <a href="http://www.proligno.ro/en/articles/2009/2/eveniment.htm">http://www.proligno.ro/en/articles/2009/2/eveniment.htm</a></p>	N5=1
15 A 3.2.	<p><b>The 13th International Research/Expert Conference Trends in the Development of Machinery and Associated Technology TMT2009, 16-21 October 2009, Hammamet, Tunisia <a href="http://www.tmt.unze.ba/proceedings2009.php">http://www.tmt.unze.ba/proceedings2009.php</a></b></p> <p><b>Stanciu M. D.</b>, Curtu I., Lica D., Cretu N., Savin A., Nastac S., <i>A practical evaluation method of dynamical behaviour of classical guitar bodies</i>, in Proceedings of the 13th International Research/Expert Conference Trends in the Development of machinery and associated technology TMT2009, 16-21 October 2009, Hammamet, Tunisia, ISSN1840-4944, pp. 565-568</p>	N5=1

	<b>Stanciu M. D.</b> , Curtu I., Cosereanu C., Itu C., Rusu S., Nastac S., <i>New Concept about Stiffness of Guitar Soundboard Based on Golden Section Numbers</i> , in Proceedings of the 13th International Research/Expert Conference Trends in the Development of machinery and associated technology TMT2009, 16-21 October 2009, Hammamet, Tunisia, ISSN1840-4944, pp. 569-572	
16 A 3.2.	<b>The 12<sup>th</sup> International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology TMT 2008" , 25-30 august 2008, Istanbul-Turcia</b> <b>Stanciu M. D.</b> , Curtu I, Itu C., Savin Adriana, <i>Researches concerning to the free and forced vibrations of the acoustic ligno-cellulose plates</i> , in Proceedings of the 12 <sup>th</sup> International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology TMT 2008" , 25-30 august 2008, Istanbul-Turcia , ISBN 978-9958-617-41-6, pp. 957 -960.	N5=1
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21. A 3.2.	<p><b>The International Conference "FOREST COMPLEX IN THE DIGITAL ECONOMY" Mytishchi Branch of Bauman Moscow State Technical University, 02 - 05 decembrie 2019, Moscova, Federația Rusă.</b></p> <p><b>Stanciu M.D.</b>, Șova D., Bârsănescu P., Goanță V., Savin A. " <b>Experimental determination of stress and strain states of the guitar's wood structure</b>" International Conference "FOREST COMPLEX IN THE DIGITAL ECONOMY" Mytishchi Branch of Bauman Moscow State Technical University, 02 - 05 decembrie 2019, Moscova, Federația Rusă.</p> <p>Sova D., <b>Stanciu M.D.</b>, Savin A., Iliș N. " <b>Behavior Of Black Locust Wood Subjected To Cyclic Bending</b>", International Conference "FOREST COMPLEX IN THE DIGITAL ECONOMY" Mytishchi Branch of Bauman Moscow State Technical University, 02 - 05 decembrie 2019, Moscova, Federația Rusă. <a href="https://mf.bmstu.ru/info/science/conf/2019/rksd_2019/eng/">https://mf.bmstu.ru/info/science/conf/2019/rksd_2019/eng/</a></p>	N5=1
22. A 3.2.	<p><b>The 13<sup>th</sup> International Conference Interdisciplinarity in Engineering, INTER-ENG 2019, 3 – 4 October 2019, Universitatea de Medicina, Farmacie, Stiinte si Tehnologie din Targu Mures.Tirgu Mures, Romania</b></p> <p>Munteanu MV, <b>Stanciu MD</b>, Vlase S "Image correlation to predict the gait recovery of patients in the post-surgery period"</p> <p>Munteanu MV, <b>Stanciu MD</b>, Modrea A "Behavior of laminated wooden beam with variable section subjected to bending" <a href="https://inter-eng.umfst.ro/2019/files/technical-program/Brochure.pdf">https://inter-eng.umfst.ro/2019/files/technical-program/Brochure.pdf</a></p>	N5=1
23. A 3.2.	<p><b>The 43<sup>th</sup> International Conference on Mechanics of Solids &amp; The 8<sup>th</sup> International Conference on Computational Mechanics and Virtual Engineering, (COMEC) Brasov, 21 -22 11.2019</b></p> <p>Savin A, Ma Wenbo, Dobrescu G S, Istrate B, Munteanu C, <b>Stanciu M D.</b>, Determination of elastic properties using ultrasound method in case of biocompatible alloys, The 43<sup>th</sup> International Conference on Mechanics of Solids &amp; The 8<sup>th</sup> International Conference on Computational Mechanics and Virtual Engineering, Brasov, 21-22.11.2019, pp. 83 - 87, ISSN 2457-8541., <a href="https://sites.google.com/view/comatcomec/home">https://sites.google.com/view/comatcomec/home</a></p> <p>Sova D, Belea E., <b>Stanciu M.D.</b>, Georgescu S.V., Thermal conductivity experiments on insulating panels, The 43<sup>th</sup> International Conference on Mechanics of Solids &amp; The 8<sup>th</sup> International</p>	N5=1

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26. A 3.2.	<b>The 9th International Conference on Advanced Concepts In Mechanical Engineering – ACME 2020, Iasi (conferinta online)</b> <b>Stanciu MD</b> , Năstac S., Gliga V Gh, Câmpean M, Bucur V, <i>Effect of the wood anisotropy on eigenmodes and eigenvalues using finite element analysis – case of violin plates</i> <b>Stanciu MD</b> , Năstac S., Dobrescu D., <i>Dynamic behavior of a car trailer</i> <a href="http://www.mec.legacy.tuiasi.ro/acme2020/files/Conference%20Program%20Outline.pdf">http://www.mec.legacy.tuiasi.ro/acme2020/files/Conference%20Program%20Outline.pdf</a>	N5=1
27. A 3.2.	<b>ModTech International Conference: Modern Technologies in Industrial Engineering 2020, June 23rd-27th, Online edition</b> <b>Stanciu MD</b> , Bărsănescu PD, Goanță V, Savin A, Experimental determination of stress and strain states of the guitar's wood structure <b>Stanciu MD.</b> , Dinulica F., Cirstea IC, Physical and mechanical characterization of resonance spruce – Picea abies <a href="https://modtech.ro/conference/ModTech2020_Presentation.php#gsc.tab=0">https://modtech.ro/conference/ModTech2020_Presentation.php#gsc.tab=0</a>	N5=1
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31 A 3.2.	<p><b>A XVI – a ediție a Conferinței Zilele Academiei de Științe Tehnice din România (ASTR) 2021 „INTER ȘI TRANSDISCIPLINARITATE ÎN ȘTIINȚELE INGINEREȘTI ȘI TEHNOLOGIE”, 21-22 octombrie 2021</b></p> <p><b>Stanciu M.D.</b>, Mihălcică, M.; Dinulică, F.; Nauncef, A.M.; Purdoiu, R.; Lăcătuș, R.; Gliga, G.V., R. Marc, Savin A., S. Năstac: Digitizarea modelelor structurale și dinamice ale lemnului din construcția violinelor vechi și actuale</p> <p><a href="https://astr.ro/wp-content/uploads/2021/10/Program-Z-ASTR-2021-VAR.-3-final-2-1-1.pdf">https://astr.ro/wp-content/uploads/2021/10/Program-Z-ASTR-2021-VAR.-3-final-2-1-1.pdf</a></p>	N5=1
32 A 3.2.	<p><b>Modern Technologies in Industrial Engineering ModTech2022, 22 – 25.06.2022, Constanta, Romania</b></p> <p>Stanciu M.D., Gliga G.V., Lungu A., Ghereș E., Tismanar I. The Surface Energy of Coating Layers used for Violins Varnishing, The 10th edition of the ModTech2022 International Conference (Modern Technologies in Industrial Engineering), 22 – 26.06.2022; Constanța, Romania</p>	
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Nr. crt.	Citări în publicații BDI (se exclud autocitările)	Punctaj
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5 A 3.3.	<p>Titlu citat: <b><i>Rheological Behaviour of Copolymer Stamylan P108 MF used in Bumper Structure from Automotive Industry</i></b>, Timar J., Cofaru C., Stanciu M.D., Curtu I., Florea D., Covaciu D. (2013), <i>Materiale Plastice</i> 50(3), pp. 183-187</p> <p><b>Citări:</b></p> <ol style="list-style-type: none"> <li>1. Maries G.R.E., Chira D., Bungau C., Costea T., Moldovan L. (2017) <i>Determining the influence of the processing temperature by injection and of the subsequent pressure on the surface's hardness and indentation modulus of the products made of HDPE, PMMA, PC+ABS through nanoindentation - G-series basic hardness modulus at a depth method</i>, <b>Materiale Plastice</b> 54(2), pp. 214-220, <b>FI=1,248</b></li> <li>2. Maries G.R.E., Chira D., Novac O., Chambre D.R., Tomescu D., (2016) <i>The influence of the processing temperature by injection and of subsequent pressure on some mechanical properties of HDPE, PMMA, PC+ABS, through methods of determining the flexural properties</i>, <b>Materiale Plastice</b> 53(3), pp. 458-464, <b>FI=1,248</b></li> <li>3. Maries G.R.E., Chira D., Bungau C., (2015) <i>The influence of processing temperatures of (HDPE), (PMMA), (PC+ABS) on some mechanical properties of items obtained through injection</i>, <b>Materiale Plastice</b> 52(4), pp. 452-456, <b>FI=1,248</b>;</li> <li>4. Chira D., Maries G.R.E., Bungau C., (2015), <i>The influence of subsequent pressure of (HDPE), (PMMA), (PC+ABS) on some mechanical properties of items obtained through injection</i>, <b>Materiale Plastice</b> 52(4), pp. 472-477, <b>FI=1,248</b>;</li> </ol>	<p>C1=4 S<sub>IF</sub>=4,992 <b>C=8,992</b></p>
6 A 3.3.	<p>Titlul citat: <b><i>Mechanical properties of composites reinforced with natural fiber fabrics</i></b>, Terciu, O. M., Curtu, I., Cerbu, C., <b>Stanciu, M. D.</b>, (2011) in „Annals of DAAAM for 2011 &amp; Proceedings of the 22th International DAAAM Symposium Intelligent Manufacturing &amp; Automation”, 23-26 November 2011, ISSN 1726-9679, pp. 607-608;</p> <p><b>Citări:</b></p> <ol style="list-style-type: none"> <li>1. Tudor M.P., Bulei C., Heput T., Kiss I (2018) <i>Researches on the development of new composite materials complete / partially biodegradable using natural textile fibers of new vegetable origin and those recovered from textile waste</i>, <b>IOP Conf. Ser.: Mater. Sci. Eng.</b> <b>294</b>, 012021, (FI=0)</li> <li>2. Cerbu C., Botis M. (2017) <i>Numerical Modeling of the Flax / Glass / Epoxy Hybrid Composite Materials in Bending</i>, <b>Procedia Engineering</b> vol. 81, 2017, Pages 308-315, (FI=0)</li> <li>3. Cerbu C. (2015) <i>Practical solution for improving the mechanical behaviour of the composite materials reinforced with flax woven fabric</i> , <b>Advances in Mechanical Engineering</b> 7(4), p. 1-11, (FI=0,848)</li> <li>4. Wongkasem S., Aksornpim P. (2015) <i>The Development of a Carding Machine and a Twisting Silk Machine for Eri Silk</i>, <b>Procedia Engineering</b>, vol 100, p.801-806, (FI=0)</li> <li>5. Phonhan C., Yangyuen S., Wongkasem S., (2014) <i>The Design and Development of Machine for Producing the Natural Dental Floss</i>, <b>Procedia Engineering</b>, vol <b>69</b> (2014), p. 751-757, (FI=0)</li> <li>6. Terciu O.M., Curtu I., Teodorescu –Draghicescu H. (2012) <i>Effect of wood particle size on tensile strength in case of polymeric composites</i>, in <b>Proceeding of 8th International DAAAM Baltic Conference "INDUSTRIAL ENGINEERING</b>, 19-21 April 2012, Tallinn, Estonia, p.747-752 (FI=0)</li> </ol>	<p>C1=6 S<sub>IF</sub>=0,848 <b>C=6,848</b></p>
7 A 3.3.	<p>Titlul citat: <b><i>Damage detection of carbon reinforced composites using nondestructive evaluation with ultrasound and electromagnetic methods</i></b>Savin A., Bârsanescu P.D., P Vizureanu, <b>Stanciu M.D.</b>, I Curtu, N Iftimie, R Steigmann, , <i>Materials Science and Engineering</i> 133 (2016) 012013 doi:10.1088/1757-899X/133/1/012013, <a href="http://iopscience.iop.org/issue/1757-">http://iopscience.iop.org/issue/1757-</a></p>	<p>C1=2 S<sub>IF</sub>=5,641 <b>C=7,641</b></p>



	<p><a href="https://doi.org/10.1177/0040517518797350">899X/133/1;jsessionid=B1B9FC1B958A6292BE3D024AAEEB8498.c6.iopsciece.cld.iop.org</a>, ISSN 1757-899X</p> <p><b>Citări:</b></p> <p>1. X Cheng, H Zhou, Z Wu, X Hu (2018) <i>Detection of bending direction and amplitude by electrical resistance measurement of axial carbon fibers in braided composite tube</i>, <b>Textile Research Journal</b>, <a href="https://doi.org/10.1177/0040517518797350">https://doi.org/10.1177/0040517518797350</a> (FI=1,54)</p> <p>2. MZ Sadeghi, P Nienheysen, S Arslan, A Dafnis (2019) <i>Damage detection by double-sided ultrasonic assessment in low-velocity impacted CFRP plates</i>, <b>Composite Structures</b> 208 (ianuarie 2019), p. 646-655, (FI=4,101)</p>	
8 A 3.3	<p>Titlul citat: <b><i>Structural Optimization of Composite from Wind Turbine Blades with Horizontal Axis Using Finite Element Analysis</i></b>, Stanciu M.D.,,, Curtu I., Tesula I., Elsevier - Procedia Technology 22(2016) 726-733</p> <p><b>Citări:</b></p> <p>1. Nikbakt S., Kamarian S., Shakeri M., <i>A review on optimization of composite structures Part I: Laminated composites</i>, <b>Composite Structures</b> 195(2018) p. 158-185, (FI=4,101)</p>	<p>C1=1 S<sub>IF</sub>=4.101 C=5,101</p>
9 A 3.3	<p>Titlul citat: <b><i>On Acoustic Panels With High Performances For Pollutant Individual Working Place Insulation</i></b>, Năstac S., Anghelache D., Stanciu M. D., Curtu I., In Proceedings Of The 8<sup>th</sup> International Conference Of DAAAM Baltic Industrial Engineering, 19 – 21 April, 2012, Tallinn, Estonia, ISBN 978-9949-23-265-9, P. 69 – 73,</p> <p><b>Citări:</b></p> <p>Iasnicu I.; Tomescu Gh.; Vasile O; et al. (2017) <i>Analysis on the influence of the use of recovered textiles on the acoustic properties of composite materials</i>, <b>Industria Textila</b> Volume: 68 Issue: 6 Pages: 439=445, FI=0,438</p>	<p>C1=1 S<sub>IF</sub>=0.438 C=1,438</p>
10 A 3.3	<p>Titlul citat: <b><i>Impact behavior of composite materials used for automotive interior parts</i></b>, Stanciu M.D., Curtu I., Terciu O.M., in Proceedings of the 10<sup>th</sup> HSTAM International Congress on mechanics, 25-27 May 2013, Chania Creta, Grecia, ISBN 978-960-8475-18-2</p> <p><b>Citări:</b></p> <p>1. Dunne R., Desai D., Sadiku R. (2017) <i>Material characterization of blended sisal-kenaf composites with an ABS matrix</i>, <b>Applied Acoustics</b> Volume 125, October 2017, Pages 184-193, (FI=1,721)</p>	<p>C1=1 S<sub>IF</sub>=1,721 C=2,721</p>
11 A 3.3	<p>Titlul citat: <b><i>Evaluation of absorption coefficient of biodegradable composite materials with textile inserts</i></b>, Stanciu M.D., Curtu I., Cosereanu C., Vasile O., Olarescu C., Romanian Journal of Acoustics and Vibration, vol 8(2) p.99</p> <p><b>Citări:</b></p> <p>1. Tiuc A.E., Dan V., Vermeșan H. et al. (2016) <i>Recovery of sawdust and recycled rubber granules as sound absorbing materials.</i>, <b>Environmental Engineering &amp; Management Journal (EEMJ)</b> Vol. 15 (5), p.1093-1101. FI=1,334</p> <p>2. Todor MP, Bulei C, Hepuț T, Kiss I., (2018) <i>Researches on the development of new composite materials complete / partially biodegradable using natural textile fibers of new vegetable origin and those recovered from textile waste</i>, <b>IOP Conference Series: Materials Science and Engineering, Volume 294, conference 1</b>, (FI=0)</p>	<p>C1=2 S<sub>IF</sub>=1,334 C=2,334</p>
12 A 3.3	<p>Titlul citat: <b><i>The Structural Analyses of Classical Guitar Body through Experimental Methods</i></b>, Curtu, I., Stanciu M.D, Nastac, S., Savin, A., in Annals of DAAAM for 2009&amp; Proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing &amp; Automation: Focus on Theory, Practice and Education" 25-28 th</p>	<p>C1=1 S<sub>IF</sub>=4,525 C=5,525</p>



	<p>November 2009, Viena, Austria, - ISI Proceedings, ISSN 1726-9679, pp. 1789-1790</p> <p><b>Citări:</b></p> <p>1. ZH Wu, JH Li (2016) <i>Carbon fiber material in musical instrument making</i>, <b>Materials&amp;Design</b> <b>89(2016)</b>, p. 660-664 (FI=4,525)</p>	
13 A 3.3	<p>Titlu citat: <b>Research regarding the complex modulus determined with dynamic mechanical analysis (DMA) in case of beech (<i>Fagus Silvatica L.</i>) and alder (<i>Alnus Glutinosa Gaertn</i>)</b>, Stanciu MD, Curtu I, Grimberg R, Savin A (2013). <i>Pro Ligno</i> 9:587</p> <p><b>Citări:</b></p> <p>1. Villani V., Pucciariello R., Lavallata V., (2017) <i>Viscoelasticity of Air-Dried or Thermo-Treated Woods</i>, <b>Journal of Polymers and the Environment</b>, 25(2), p.479-486, (FI=1.971)</p>	<p>C1=1 S<sub>IF</sub>=1,971 C=2,971</p>
14 A 3.3	<p>Titlu citat: <b>Evaluation of acoustic attenuation of composite wood panel through nondestructive test</b>, Stanciu M.D., Curtu I., Terciu O.M, Savin A., Cosereanu C., in „Annals of DAAAM for 2011 &amp; Proceedings of the 22th International DAAAM Symposium Intelligent Manufacturing &amp; Automation” (ISI), 23-26 November 2011, ISSN 1726-9679, 393-394.</p> <p><b>Citări</b></p> <p>1. D Dobrotă, (2015) <i>Vulcanization of rubber conveyor belts with metallic insertion using ultrasounds</i>, <b>Procedia Engineering</b>, Volume 100, 2015, Pages 1160-1166, (FI=0)</p> <p>2. Terciu O.M., Curtu I., Teodorescu Draghicescu H. (2012) <i>Effect of wood particle size on tensile strength in case of polymeric composites</i>, <b>Proceeding of the 8th International DAAAM Baltic Conference "INDUSTRIAL ENGINEERING</b> 19-21 April 2012, Tallinn, Estonia (FI=0)</p>	<p>C1=2 S<sub>IF</sub>=0 C=2,00</p>
	<p>Titlu citat: <b>Sensitivity Analysis of Rigid Pavement Design Based on Semi-Empirical Methods: Romanian Case Study</b>, Pleşcan C, Pleşcan E-L, Stanciu MD, Botiş M, Taus D. <i>Symmetry</i>. 2021; 13(2):168. WOS:000623130700001 <a href="https://doi.org/10.3390/sym13020168">https://doi.org/10.3390/sym13020168</a></p> <p><b>Citări</b></p> <p>1. Di Mascio P, De Rubeis A, De Marchis C, Germinario A, Metta G, Salzillo R, Moretti L. <i>Jointed Plain Concrete Pavements in Airports: Structural–Economic Evaluation and Proposal for a Catalogue. Infrastructures</i>. 2021; 6(5):73. <a href="https://doi.org/10.3390/infrastructures6050073">https://doi.org/10.3390/infrastructures6050073</a> WOS:000656443900001, (FI=0)</p>	<p>C1=1 S<sub>IF</sub>=0 C=1,00</p>
	<p>Titlu citat: <b>Mechanical and Rheological Behaviour of Composites Reinforced with Natural Fibres</b>. Stanciu MD, Teodorescu Draghicescu H, Tamas F, Terciu OM. <i>Polymers</i>. 2020; 12(6):1402. WOS:000550722700001 <a href="https://doi.org/10.3390/polym12061402">https://doi.org/10.3390/polym12061402</a></p> <p><b>Citări</b></p> <p>1. Wang, Y., Wang, Z., Zhu, J. et al. A comparative study on the reinforcement effect of polyethylene terephthalate composites by inclusion of two types of functionalized graphene. <i>Colloid Polym Sci</i> 299, 1853–1861 (2021). <a href="https://doi.org/10.1007/s00396-021-04909-3">https://doi.org/10.1007/s00396-021-04909-3</a> WOS:000706014900001, (FI=1.931/2021)</p>	<p>C1=1 S<sub>IF</sub>=1.931 C=2.931</p>
	<p>Titlu citat: <b>Frequency Response Evaluation of Guitar Bodies with Different Bracing Systems</b> Mihălcică M, Stanciu MD, Vlase S. <i>Symmetry</i>. 2020; 12(5):795. <a href="https://doi.org/10.3390/sym12050795">https://doi.org/10.3390/sym12050795</a>, WOS:000540226400113</p> <p><b>Citări</b></p> <p>1. Viala R, Placet V, Cogan S, Model-based evidence of the dominance of the guitar brace design over material and climatic variability for dynamic behaviors,</p>	<p>C1=4 S<sub>IF</sub>=7.192 C=11.192</p>

<p>Applied Acoustics, Volume 182, 2021, 108275, ISSN 0003-682X,  <a href="https://doi.org/10.1016/j.apacoust.2021.108275">https://doi.org/10.1016/j.apacoust.2021.108275</a>. WOS:000687528600058  (<a href="https://www.sciencedirect.com/science/article/pii/S0003682X21003698">https://www.sciencedirect.com/science/article/pii/S0003682X21003698</a>) (FI=2.639/2021)</p> <p>2. Salvi, D; Gonzalez S., Antonacci, F., Sarti, A. Modal analysis of free archtop guitar top plates, The Journal of the Acoustical Society of America 150 (2), 1505 (2021);  <a href="https://doi.org/10.1121/10.0005937">https://doi.org/10.1121/10.0005937</a> , WOS:000691415800002, (FI=1.84/2021)</p> <p>3. Marin M, Băleanu D, Vlase S. Composite Structures with Symmetry. Symmetry. 2021; 13(5):792.  <a href="https://doi.org/10.3390/sym13050792">https://doi.org/10.3390/sym13050792</a>, WOS:000654605700001, (FI=2.713/2021)</p> <p>4. Woodhouse J., Politzer D., Mansour H. Acoustics of the banjo: measurements and sound synthesis, ACTA ACUSTICA, WOS:000636748200001, <a href="https://acta-acustica.edpsciences.org/articles/aacus/full_html/2021/01/aacus200052/aacus200052.html">https://acta-acustica.edpsciences.org/articles/aacus/full_html/2021/01/aacus200052/aacus200052.html</a>  (FI=0)</p>	
<b>Total puncte RIA-CIT C=177.083 (la data publicarii)</b> <b>Sau</b> <b>C=186.509 (la data inscrierii in concurs)</b>	

Criteria	Indicatori	Condiții minime profesor	Punctaj îndeplinit	
Recunoașterea și impactul activității" (A3)	A 3.1.	S1+S2	50	<i>496,75</i>
	A 3.2.	N5	10	<i>37</i>
	A 3.3.	C	25	<i>177.083</i>

**Se poate constata faptul că în punctajul pentru criteriul „Recunoașterea și impactul activității” (RIA A3) , în conformitate cu prevederile Anexei nr. 6129/2016 la Ordinul Ministrului, îmi permit să apreciez că CRITERIUL DE EVALUARE A3 ESTE ÎNDEPLINIT.**

Data: 06.12.2022

Candidat,

Conf. univ. dr. ing. STANCIU Mariana Domnica

