

# FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE CNATDCU - PROFESOR

Domeniul fundamental: Științe Inginerești

Domeniul: Inginerie aerospațială, autovehicule și transporturi

Candidat: Conf. dr. ing. ZAHARIA Sebastian – Marian

## ACTIVITATE DIDACTICĂ ȘI PROFESIONALĂ (A1)

Categorii și restricții	Indicatori unitari ( $k_{pi}$ )	Denumire	Punctaj
<b>1.1 Cărți și capitole în cărți de specialitate</b>			
1.1.1 Cărți/ capitole, ca autor, în edituri naționale sau internaționale. • Profesor Minimum 4	1.1.1.1. Internaționale		
	nr. pag./(2-nr. autori)	1. Zaharia, S.M., <i>Reliability, maintenance and testing of aerospace systems</i> , Editura LAP Lambert Academic, Berlin, 2019, ISBN 978-620-0-00390-4, 193 pagini. <p style="text-align: right;"><a href="#">Dovada</a></p> 2. Zaharia, S.M., <i>Reliability and Maintenance Engineering. Theory, simulation techniques and applications</i> , Editura LAP Lambert Academic, Berlin, 2019, ISBN 978-620-0-28820-2, 140 pagini. <p style="text-align: right;"><b>Dovada</b></p>	96,50 p  70,00 p
	1.1.1.2 Naționale		
	nr.pag./(5-nr. autori)	1. Morariu, C.O., Zaharia, S.M., <i>Fiabilitatea și testarea rulmenților</i> , Editura Printech, București, 2018, ISBN 978-606-23-0917-6, 277 pagini. <p style="text-align: right;"><a href="#">Dovada</a></p>	27,70 p

ZSM

		2. <b>Zaharia, S.M.</b> , Martinescu, I., <i>Încercări de fiabilitate (Reliability tests)</i> , Editura Universității Transilvania, Brașov, 2012, ISBN 978-606-19-0084-8, 180 pagini. <a href="#">Dovada</a>	18,00 p
1.1.2 Cărți ca editor	1.1.2.1 Internaționale		
	nr.pag./(3·nr.edit.)	—	0 p
	1.1.2.2 Naționale		
	nr.pag./(7·nr.edit.)	—	0 p
<b>1.2 Materiale didactice/ lucrări didactice</b>			
1.2.1 Manuale didactice/monografii • <b>Profesor</b> <b>Minimum 2</b> <b>(1 prim autor)</b>	nr.pag./(10·nr.aurori)	1. <b>Zaharia, S.M.</b> , Martinescu, I., <i>Fiabilitatea și securitatea sistemelor industriale</i> , Editura Printech, București, 2018, ISBN 978-606-23-0918-3, 276 pagini. <a href="#">Dovadă</a>	9,00 p
		2. <b>Zaharia, S.M.</b> , Morariu C.O., <i>Elemente de calculul probabilităților aplicate în analiza riscurilor industriale, Teorie și aplicații</i> . Editura Risoprint, Cluj – Napoca, 2017, ISBN 978-973-53-2117-8, 139 pagini. <a href="#">Dovada</a>	6,95 p
1.2.2 Îndrumare de laborator/aplicații • <b>Profesor</b> <b>Minimum 2</b> <b>(1 prim autor)</b>	nr.pag./(20·nr.aurori)	1. <b>Zaharia, S.M.</b> , Morariu, C.O., <i>Fiabilitatea - Îndrumar de laborator</i> , Editura Risoprint, Cluj-Napoca, 2017, ISBN 978-973-53-2134-5, 100 pagini. <a href="#">Dovada</a>	2,50 p
		2. <b>Zaharia, S.M.</b> , <i>Analiza fiabilității și securității sistemelor – Îndrumar de laborator</i> , Editura Risoprint, Cluj – Napoca, 2018, ISBN 978-973-53-2291-5, 180 pagini. <a href="#">Dovada</a>	9,00 p
		3. <b>Zaharia, S.M.</b> , <i>Construcția, proiectarea și calculul structurilor aeronautice - Aplicații MEF</i> , Editura Printech, București, 2020, ISBN 978-606-23-1076-9, 112 pagini.	5,60 p

			<a href="#">Dovada</a>
<b>1.3 Organizare și coordonare programe de studii</b>			
1.3.1 Director/ Responsabil	10*(nr. ani de desfășurare )	-	0 p
1.3.2 Membru	3*(nr. ani de desfășurare )	-	0 p
<b>1.4 Conducere proiecte de diplomă și disertație</b>			
Max. 50 puncte	1/1,5	- 41 proiecte de diplomă (41 p) - 6 proiecte de disertație (9 p)	50 p  <a href="#">Dovada</a>
<b>1.5 Introducere discipline și laboratoare noi, confirmate prin manuale și îndrumare publicate</b>			
1.5.1 Discipline noi (max. 40 puncte împreună cu 1.5.2)	10	-	0 p
1.5.2 Lucrări noi de laborator (max. 40 puncte împreună cu 1.5.1)	2/lucrare	-	0 p
<b>1.6 Director / responsabil programe parteneriat academic internațional / ERASMUS</b>			
Director/ Responsabil	10/activitate	-	0 p
<b>Total punctaj pentru activitatea didactică și profesională (A1):</b>			<b>295,25 p</b>



		<p>M. A. (2024). Mechanical Properties and Microstructure of Inconel 718 Lattice Structures Produced by Selective Laser Melting Process. <i>Materials</i>, vol. 17, nr. 3, pp. 622, ISSN: 1996-1944, <b>IF 3.4</b>, WOS:001160123500001, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001160123500001">https://www.webofscience.com/wos/woscc/full-record/WOS:001160123500001</a> <b>Dovada</b></p> <p>5. Torpan, R., <b>Zaharia, S. M.</b> (2024). Manufacturing Process of Helicopter Tail Rotor Blades from Composite Materials Using 3D-Printed Moulds, <i>Applied Sciences</i>, vol. 14, nr. 3, pp. 972, ISSN: 2076-3417, <b>FI 2.7</b>, WOS:001160104100001, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001160104100001">https://www.webofscience.com/wos/woscc/full-record/WOS:001160104100001</a> <b>Dovada</b></p> <p>6. <b>Zaharia, S. M.</b>, Pascariu, I. S., Chicos, L. A., Buican, G. R., Pop, M. A., Lancea, C., Stamate, V. M. (2023). Material Extrusion Additive Manufacturing of the Composite UAV Used for Search-and-Rescue Missions. <i>Drones</i>, vol. 7, nr. 10, pp. 602, ISSN: 2504-446X, <b>FI 4.8</b>, WOS:001092500000001, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001092500000001">https://www.webofscience.com/wos/woscc/full-record/WOS:001092500000001</a> <b>Dovada</b></p> <p>7. <b>Zaharia, S. M.</b>, Pop, M. A., Cosnita, M., Croitoru, C., Matei, S., Spîrchez, C. (2023). Sound Absorption Performance and Mechanical Properties of the 3D-Printed Bio-Degradable Panels. <i>Polymers</i>, vol. 15, nr. 18, pp. 3695. , ISSN: 2073-4360, <b>FI 5</b>, WOS: 001072568300001, <a href="https://www.webofscience.com/wos/woscc/full record/WOS:001072568300001">https://www.webofscience.com/wos/woscc/full record/WOS:001072568300001</a> <b>Dovada</b></p> <p>8. Pop, M. A., Cosnita, M., Croitoru, C., <b>Zaharia, S. M.</b>, Matei, S., Spîrchez, C. (2023). 3D-Printed PLA Molds for Natural Composites: Mechanical Properties of Green Wax-Based Composites. <i>Polymers</i>, vol. 15, nr. 11, pp. 2487, ISSN: 2073-4360, <b>FI 5</b>, WOS:</p>	<p>39,50 p</p> <p>17,20 p</p> <p>20,80 p</p> <p>20,80 p</p>
--	--	--	---

		001005765300001, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001005765300001">https://www.webofscience.com/wos/woscc/full-record/WOS:001005765300001</a> <a href="#">Dovada</a>	
		9. <b>Zaharia, S. M.</b> , Pop, M. A., Buican, G. R., Chicos, L. A., Stamate, V. M., Pascariu, I. S., & Lancea, C. (2023). Design and Testing of Brushless DC Motor Components of A6 Steel Additively Manufactured by Selective Laser Sintering. Aerospace, vol. 10, nr.1, pp. 60, ISSN: 2226-4310, <b>FI 2.6</b> , WOS: 000916773600001, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000916773600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000916773600001</a> <a href="#">Dovada</a>	11,00 p
		10. Chicos, L. A., Pop, M. A., <b>Zaharia, S. M.</b> , Lancea, C., Buican, G. R., Pascariu, I. S., & Stamate, V. M. (2022). Fused Filament Fabrication of Short Glass Fiber-Reinforced Polylactic Acid Composites: Infill Density Influence on Mechanical and Thermal Properties, Polymers, vol. 14, nr. 22, pp. 4988, ISSN: 2073-4360, <b>FI 5</b> , WOS: 000887644700001, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000887644700001">https://www.webofscience.com/wos/woscc/full-record/WOS:000887644700001</a> <a href="#">Dovada</a>	17,80 p
		11. Lancea, C., Chicos, L. A., <b>Zaharia, S. M.</b> , Pop, M. A., Pascariu, I. S., Buican, G. R., Stamate, V. M. (2022). Simulation, Fabrication and Testing of UAV Composite Landing Gear, Applied Sciences, vol. 12, nr. 17, pp. 8598, ISSN: 2076-3417, <b>FI 2.7</b> , WOS: 000852822200001, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000852822200001">https://www.webofscience.com/wos/woscc/full-record/WOS:000852822200001</a> <a href="#">Dovada</a>	11,20 p
		12. <b>Zaharia, S. M.</b> , Pop, M. A., Chicos, L. A., Buican, G. R., Lancea, C., Pascariu, I. S., Stamate, V. M. (2022). Compression and bending properties of short carbon fiber reinforced polymers sandwich structures produced via fused filament fabrication	17,80 p

		<p>process. Polymers, vol. 14, no. 14, pp. 2923, ISSN: 2073-4360, <b>FI 5</b>, WOS: 000831977400001,  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000831977400001">https://www.webofscience.com/wos/woscc/full-record/WOS:000831977400001</a>  <u>Dovada</u></p> <p>13. Chicos, L. A., Pop, M. A., <b>Zaharia, S. M.</b>, Lancea, C., Buican, G. R., Pascariu, I. S., Stamate, V. M. (2022). Infill density influence on mechanical and thermal properties of short carbon fiber-reinforced polyamide composites manufactured by FFF process, Materials, vol. 15, nr.10, pp.3706, ISSN: 1996-1944, <b>FI 3,4</b>, WOS: 000804898400001,  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000804898400001">https://www.webofscience.com/wos/woscc/full-record/WOS:000804898400001</a>  <u>Dovada</u></p> <p>14. Pop, M.A., Croitoru, C., Bedo, T., Geamăn, V., Radomir, I., Crișan, A., Guillot, E., Miloșan, I., <b>Zaharia, S.M.</b>, Chicoș, L.A., (2022). The Influence of Solar Sintering on Copper Heat Exchanger Parts with Controlled 3D-Printed Morphology, Materials, vol.15, nr. 9, pp. 3324, ISSN: 1996-1944, <b>FI 3,4</b>, WOS: 000794752600001,  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000794752600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000794752600001</a>  <u>Dovada</u></p> <p>15. Blaj, M. I., <b>Zaharia, S. M.</b>, Pop, M. A., Oancea, Gh. (2022). Tensile Properties and Manufacturing Defectives of Short Carbon Fiber Specimens Made with the FDM Process, Materiale Plastice, vol. 59, pp. 33-43, ISSN: 0025-5289, <b>FI 0,8</b>, WOS: 000884788800001,  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000884788800001">https://www.webofscience.com/wos/woscc/full-record/WOS:000884788800001</a>  <u>Dovada</u></p> <p>16. Chicos, L.A., <b>Zaharia, S.M.</b>, Cempura, G., Kruk, A., Lech, S., Kryshstal, O., Ziętara, M., Michta, G., Rodríguez, J., Cosnita, M. and Pop, M.A., (2022). Effect of concentrated</p>	<p>13,20 p</p> <p>9,30 p</p> <p>10,25 p</p> <p>8,40 p</p>
--	--	--	---

		<p>solar energy on microstructure evolution of selective laser melted Ti-6Al-4V alloy. The International Journal of Advanced Manufacturing Technology, pp.1-25, ISSN: 0268-3768, IF 3.4, WOS:000706028400002,  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000706028400002">https://www.webofscience.com/wos/woscc/full-record/WOS:000706028400002</a>  <u>Dovada</u></p> <p>17. Buican, G.R., <b>Zaharia, S.M.</b>, Pop, M.A., Chicoș, L.A., Lancea, C., Stamate, V.M., Pascariu, I.S., (2021), Fabrication and Characterization of Fiber-Reinforced Composite Sandwich Structures Obtained by Fused Filament Fabrication Process, vol. 11, 601, ISSN: 2079-6412, FI 2,881 (zona galbenă), WOS: 000653745700001,  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000653745700001">https://www.webofscience.com/wos/woscc/full-record/WOS:000653745700001</a>  <u>Dovada</u></p> <p>18. Lancea, C., Campbell, I., Chicoș, L.A., <b>Zaharia, S.M.</b>, (2020). Compressive Behaviour of Lattice Structures Manufactured by Polyjet Technologies, Polymers, vol. 12, 1740, ISSN: 2073-4360, FI 4,329 (zona roșie), WOS: 000602474600001  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000602474600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000602474600001</a>  <u>Dovada</u></p> <p>19. <b>Zaharia, S.M.</b>, Enescu, L.A., Pop, M.A., (2020). Mechanical Performances of Lightweight Sandwich Structures Produced by Material Extrusion-Based Additive Manufacturing, Polymers, vol. 12, 1740, ISSN: 2073-4360, FI 4,329 (zona roșie), WOS:000564679500001,  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=1</a>  <u>Dovada</u></p> <p>20. <b>Zaharia, S.M.</b>, Chicoș, L.A., Lancea, C., Pop, M.A., (2020). Effects of Homogenization Heat Treatment on Mechanical Properties of Inconel 718 Sandwich Structures</p>	<p>11,80 p</p> <p>27,89 p</p> <p>37,19 p</p> <p>18,00 p</p>
--	--	---	---



		<p>Manufactured by Selective Laser Melting, Metals, vol. 10, 645, ISSN: 2075-4701, <b>FI 2,351 (zona galbenă)</b>, WOS:000540220000093  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=5">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=5</a>  <u>Dovada</u></p> <p>21. <b>Zaharia, S.M.</b>, Pop, M.A., Udriou, R., (2020). Reliability and Lifetime Assessment of Glider Wing's Composite Spar through Accelerated Fatigue Life Testing, Materials, vol. 13, 2310, ISSN: 1996-1944, <b>FI 3,623 (zona roșie)</b>, WOS:000539277000102,  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=3">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=3</a>  <u>Dovada</u></p> <p>22. Pop, M.A., Croitoru, C., Bedo, T, Geaman, V., Radomir, <b>Zaharia, S.M.</b>, Chicos, L.A., (2020). Influence of Internal Innovative Architecture on the Mechanical Properties of 3D Polymer Printed Parts, Polymers, vol. 12, nr. 5, 1129, ISSN: 2073-4360, <b>FI 4,329 (zona roșie)</b>, WOS:000541431100134  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=4">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=4</a>  <u>Dovada</u></p> <p>23. Pascariu, I.S., <b>Zaharia, S.M.</b>, (2020). Design and Testing of an Unmanned Aerial Vehicle Manufactured by Fused Deposition Modeling, Journal of Aerospace Engineering, vol. 33, nr.4, 06020002, ISSN: 0893-1321, <b>FI 1,904 (zona galbenă)</b>, WOS:000536130300006  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=2</a>  <u>Dovada</u></p>	<p>32,48 p</p> <p>15,94 p</p> <p>31,54 p</p>
--	--	--	--

		<p>24. <b>Zaharia, S.M.</b>, (2019). The methodology of fatigue lifetime prediction and validation based on accelerated reliability testing of the rotor pitch links, <i>Eksploatacja i Niezawodność – Maintenance and Reliability</i>, vol. 21, nr. 4, pag. 638–644, ISSN: 1507-2711, <b>FI 1,525</b>, WOS:000486626700012,  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=8">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=8</a>  <u>Dovada</u></p> <p>25. Chicoș, L.A., Campbell, I., <b>Zaharia, S.M.</b>, Pop, M.A., Lancea, C; Semenescu, A., Florea, B., Chivu, O.R., (2019). Experimental and Finite Element Analysis of the Open-Cells Porous Materials Subjected to Compression Mechanical Loading. <i>Materiale Plastice</i>, vol. 56, nr. 2, pag. 421-425, ISSN: 0025-5289, <b>FI 1,517</b>, WOS:000476641000026  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=6">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=6</a>  <u>Dovada</u></p> <p>26. Pop, M.A., Croitoru, C., Bedo, T., Geaman, V., Radomir, I., Cosnita, M., <b>Zaharia, S.M.</b>, Chicoș, L.A., Milosan, I., (2019). Structural changes during 3D printing of bioderived and synthetic thermoplastic materials, <i>Journal of Applied Polymer Science</i>, vol. 136, nr. 17, ISSN: 0021-8995, <b>FI 2,52 (zona galbenă)</b>, WOS:000456861100001  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=7">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=7</a>  <u>Dovada</u></p> <p>27. Lancea, C., Chicoș, L.A., <b>Zaharia, S.M.</b>, Pop, M.A., Semenescu, A., Florea, B., Chivu, O.R., (2018). Accelerated Corrosion Analysis of AlSi10Mg Alloy Manufactured by Selective Laser Melting (SLM), <i>Revista de Chimie</i>, vol. 69, nr. 4, pag. 975-981, ISSN: 0034-7752, <b>FI 1,605</b>, WOS:000433223000046</p>	<p>55,50 p</p> <p>6,91 p</p> <p>8,37 p</p> <p>8,15 p</p>
--	--	--	--

		<p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=10">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=10</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>28. <b>Zaharia, S.M.</b>, Morariu, C.O., Pop, M.A. (2018). A comparative study about static and fatigue behaviour on sandwich structures with different types of glass fiber reinforced polymer skins and nomex honeycomb core. Revista Romana de Materiale-Romanian Journal of Materials, vol. 48, nr.1, pag. 91–100, ISSN: 1583-3186, <b>FI 0,628</b>, WOS:000429213900014</p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=11">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=11</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>29. Chicoș, L.A., <b>Zaharia, S.M.</b>, Lancea, C., Pop, M.A., Canadas, I., Rodriguez, J., Galindo, J., (2018). Concentrated solar energy used for heat treatment of Ti6Al4V alloy manufactured by selective laser melting, Solar Energy, vol.173, pag. 76-88, ISSN: 0038-092X, <b>FI 4,674 (zona roșie)</b>, WOS:000452940800007</p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=9">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=9</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>30. <b>Zaharia, S.M.</b>, Lancea, C., Chicoș, L.A., Pop, M.A., Caputo, G., Serra, E., (2017) Mechanical properties and corrosion behaviour of 316L stainless steel honeycomb cellular cores manufactured by selective laser melting. Transactions of FAMENA, vol. 41, nr. 4, pag. 11–24, ISSN: 1333-1124, <b>FI 0,797</b>, WOS:000431808800002</p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=15">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=15</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p>	<p>12,52 p</p> <p>16,92 p</p> <p>6,82 p</p>
--	--	--	---

		<p>31. <b>Zaharia, S.M.</b>, Pop, M.A., Semenescu, A., Florea, B., Chivu, O.R., (2017). Mechanical Properties and Fatigue Performances on Sandwich Structures with CFRP Skin and Nomex Honeycomb Core, <i>Materiale Plastice</i>, vol. 54, nr. 1, pag. 67-72, ISSN: 0025-5289, <b>FI 1,248</b>, WOS:000400629900016  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=14">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=14</a>  <u>Dovada</u></p> <p>32. <b>Zaharia, S.M.</b>, Morariu, C.O., Nedelcu, A., Pop, M.A., (2017). Experimental Study of Static and Fatigue Behavior of CFRP-Balsa Sandwiches under Three-point Flexural Loading, <i>BioResources</i>, vol. 12, nr. 2, pag. 2673 – 2689, ISSN: 1930-2126, <b>FI 1,202 (zona galbenă)</b>, WOS:000402883700032  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=16">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=16</a>  <u>Dovada</u></p> <p>33. <b>Zaharia, S.M.</b>, Pop, M.A., Chicoș, L.A., Lancea, C; Semenescu, A., Florea, B., Chivu, O.R., (2017). An Investigation on the Reliability and Degradation of Polycrystalline Silicon Solar Cells Under Accelerated Corrosion Test. <i>Materiale Plastice</i>, vol. 54, nr. 3, pag. 466-472, ISSN: 0025-5289, <b>FI 1,248</b>, WOS:000426412300012  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=13">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=13</a>  <u>Dovada</u></p> <p>34. Pop, M.A., Geamăn, V., Radomir, I., Bedo, T., Milosan, I., <b>Zaharia, S.M.</b>, Florea, B., Semenescu, A., Chivu, O.R., (2017). The Degradation Effects to Hand Made Composite Materials by Using Acids, <i>Materiale Plastice</i>, vol. 54, nr. 3, pag. 433-437, ISSN: 0025-5289, <b>FI 1,248</b>, WOS:000426412300006</p>	<p>9,99 p</p> <p>12,26 p</p> <p>7,13 p</p> <p>5,55 p</p>
--	--	---	--

		<p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=12">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=12</a> Dovada</p> <p>35. <b>Zaharia, S.M.</b>, Martinescu, I., (2016). Management of accelerated reliability testing, Tehnicki Vjesnik - Technical Gazette, vol. 23, nr. 5, pag. 1447–1455, ISSN: 1330-3651, <b>FI 0,723</b>, WOS:000385369100028 <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=19">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=19</a> Dovada</p> <p>36. Morariu C.O., <b>Zaharia S.M.</b>, (2013). A New Method for Determining the Reliability Testing Period Using Weibull Distribution, Acta Polytechnica Hungarica, vol. 10, nr. 7, pag. 171-186, ISSN: 1785-8860, <b>FI 0,471</b>, WOS:000329890400012, <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=20">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=20</a> Dovada</p> <p>37. <b>Zaharia S.M.</b>, Martinescu I., Morariu C.O., (2012). Life time prediction using accelerated test data of the specimens from mechanical element, Eksploatacja i Niezawodnosc – Maintenance and Reliability, vol. 14, nr. 2, pag. 99-10, ISSN: 1507:2711, <b>FI 0,293</b>, WOS:000301283200002 <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=3&amp;doc=21">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=3&amp;doc=21</a> Dovada</p>	<p>19,73 p</p> <p>17,21 p</p> <p>10,28 p</p>
	Pentru proceedings ISI	1. Lancea, C., Chicoș, L.A., <b>Zaharia, S.M.</b> , Pop, M.A., (2016). Microstructure and micro	6,25 p

	25/(nr.de autori)	<p>hardness analyses of titanium alloy Ti-6Al-4V parts manufactured by Selective Laser Melting, MATEC Web of Conferences Journal, ISSN: 2261-236X, WOS:000393034000039  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=17">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=17</a>  <u>Dovada</u></p> <p>2. Morariu, C.O., <b>Zaharia, S.M.</b>, (2016). Statistical inferences for bearings life using sudden death test, MATEC Web of Conferences Journal, ISSN: 2261-236X, WOS:000393034000053  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=18">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=2&amp;doc=18</a>  <u>Dovada</u></p> <p>3. <b>Zaharia, S.M.</b>, Martinescu, I., Morariu, C.O., (2012). Statistical processing of accelerated life data with two stresses using Monte Carlo simulation method, 8-th International DAAAM Baltic Conference "Industrial Engineering, Tallinn, Estonia, ISBN:978-9949-23-265-9, WOS:000392535600016  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=3&amp;doc=22">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=3&amp;doc=22</a>  <u>Dovada</u></p> <p>4. <b>Zaharia, S.M.</b>, Martinescu, I., (2011). Research on accuracy of different methods regarding estimating reliability indicators, Proceedings of the 15th International Conference Modern Technologies, Quality and Inovation, Chișinău, ModTech 2011, pag. 1189-1192, ISSN: 2069-6736, WOS:000392260500298  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=Ge">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=Ge</a></p>	<p>12,50 p</p> <p>8,33 p</p> <p>12,50 p</p>
--	-------------------	--	---

		<p><a href="#">neralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=3&amp;doc=23</a>  <a href="#">Dovada</a></p> <p>5. <b>Zaharia, S.M.</b>, Martinescu, I., (2011). Using accelerated tests in estimating the reliability indicators of machine tools, Proceedings of the 15th International Conference Modern Technologies, Quality and Inovation, Chișinău, ModTech 2011, pag. 1193-1196, ISSN: 2069-6736, WOS:000392260500299  <a href="https://apps- webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=18&amp;SID=D6VdJD9doZo2XjqDVSG&amp;page=3&amp;doc=24">https://apps- webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=18&amp;SID=D6VdJD9doZo2XjqDVSG&amp;page=3&amp;doc=24</a>  <a href="#">Dovada</a></p> <p>6. <b>Zaharia, S.M.</b>, Martinescu, I., Morariu, C.O., (2011), Optimization the reliability testing using product lifecycle and cost management, International Conference on Manufacturing Science and Education - MSE 2011, Sibiu-Romania, vol.1, pag. 373-376, ISSN: 1843-2522, WOS:000393733400092  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=104&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=104&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=1</a>  <a href="#">Dovada</a></p> <p>7. <b>Zaharia, S.M.</b>, Martinescu, I., Morariu, C.O., (2011). Analyzing Accelerated Life Testing With Censored Data, International Conference on Manufacturing Science and Education - MSE 2011- Sibiu-Romania, vol. 1, pag. 377-380, WOS:000393733400093  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=101&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=101&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=1&amp;doc=2</a>  <a href="#">Dovada</a></p>	<p>12,50 p</p> <p>8,33 p</p> <p>8,33 p</p>
--	--	---	--

		8. <b>Zaharia, S.M.</b> , Martinescu, I., (2008). Optimizing the life cycle of aerospace products using accelerated life testing, Annals of DAAAM for 2008 - The 2nd European DAAAM International Young Researchers´ and Scientists´, Trnava, 22-25 Octombrie, Slovakia, pag. 1539-1540, ISSN 1726-9679, WOS:000262860100769 <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=3&amp;doc=25">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4WSU2DcolteJD3P5cs&amp;page=3&amp;doc=25</a>	12,5 p
<a href="#">Dovada</a>			
<b>2.2 Brevete de invenție</b>			
	2.2.1 Internaționale		
	25/nr. de autori	-	
	2.2.2 Naționale		
	20/nr. de autori	1. <b>Zaharia, S.M.</b> , Stamate, V.M., (2020), Stand de testare a rezistenței la oboseala a palelor și metoda de testare, Nr. RO 129022 B1.	10,00 p
<a href="#">Dovada</a>			
<b>2.3 Articole publicate în reviste naționale și volumele unor manifestări științifice indexate în BDI recunoscute de comisia CNATDCU</b>			
Minimum 30 de puncte, minimum 5 articole <b>Profesor</b>	20/nr. de autori	1. Chican, D., <b>Zaharia, S.M.</b> (2023). Design, aerodynamic analysis and manufacture of a flying wing. Review of the Air Force Academy, vol. 2, pp. 18-23, indexat în baza de date: ProQuest, <a href="https://www.proquest.com/docview/3048503030/45E95A6DB51C42A7PQ/3?accountid=7257&amp;source-type=Scholarly%20Journals">https://www.proquest.com/docview/3048503030/45E95A6DB51C42A7PQ/3?accountid=7257&amp;source-type=Scholarly%20Journals</a>	10,00 p
		2. Țura, D. M., <b>Zaharia, S. M.</b> (2023). Design, Additive Manufacturing and Testing of a Quadcopter Drone. Revista Academiei Fortelor Terestre (Land Forces Academy Review), vol. 28, nr. 3, pp. 245-254, indexat în baza de date:, EBSCO,	10,00 p



		<p><a href="https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=15826384&amp;AN=171359682&amp;h=x8J1LEw4adrCBj3wUm%2bnKBZL%2bCJbHF%2b%2flgabeynhmBWBuMICDVo4FdXMqf3UGSxPEz%2faWFWsdyOUBxMX8b95Rw%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d15826384%26AN%3d171359682">https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=15826384&amp;AN=171359682&amp;h=x8J1LEw4adrCBj3wUm%2bnKBZL%2bCJbHF%2b%2flgabeynhmBWBuMICDVo4FdXMqf3UGSxPEz%2faWFWsdyOUBxMX8b95Rw%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d15826384%26AN%3d171359682</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>3. Badicu, G.A., <b>Zaharia, S.M.</b>, Pop, M.A. (2023). Design, acoustic performance and additive manufacturing of helicopter rotor blades with unconventional shapes. Revista de Tehnologii Neconventionale, vol. 27, nr. 3, pp. 51-57, indexat in baza de date: ProQuest, EBSCO,</p> <p><a href="https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=23598646&amp;AN=175552840&amp;h=utt4udwNoNSjvtkk73f500cxXL%2bSjamzPOulSOfxZ5pm1ZVCfeQwOzdZreRWpTGkDMO2pODiMUXRvjhWBt5w%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d23598646%26AN%3d175552840">https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=23598646&amp;AN=175552840&amp;h=utt4udwNoNSjvtkk73f500cxXL%2bSjamzPOulSOfxZ5pm1ZVCfeQwOzdZreRWpTGkDMO2pODiMUXRvjhWBt5w%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d23598646%26AN%3d175552840</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>4. Popica, D.A., <b>Zaharia, S.M.</b> (2023). Design, aerodynamic analysis and additive manufacturing of a radio-controlled airplane. Journal of Industrial Design and Engineering Graphics, vol. 18, nr. 1, pp. 39-44, indexat in baza de date: ProQuest, EBSCO,</p> <p><a href="https://www.proquest.com/docview/2913716238?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals">https://www.proquest.com/docview/2913716238?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>5. Cojocaru, D., <b>Zaharia, S.M.</b> (2023). Design, analysis and 3D printing of an unmanned aircraft with unconventional structure. Revista de Tehnologii Neconventionale, vol. 27, nr. 2, pp. 35-40, indexat in baza de date: ProQuest, EBSCO</p> <p><a href="https://www.proquest.com/docview/2845717727?pq-">https://www.proquest.com/docview/2845717727?pq-</a></p>	<p>6,66 p</p> <p>10,00 p</p> <p>10,00 p</p>
--	--	---	---

		<p><a href="#">origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>6. Bajzat, L. N., <b>Zaharia, S.M.</b> (2023). Design, analysis and 3D printing of a morphing wing prototype. Review of the Air Force Academy, vol. 1, pp. 5-14, indexat in baza de date: ProQuest,  <a href="https://www.proquest.com/docview/2890438185?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals">https://www.proquest.com/docview/2890438185?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals</a></p>	10,00 p
		<p style="text-align: right;"><a href="#">Dovadă</a></p> <p>7. Suciu, P. S., <b>Zaharia, S.M.</b> (2023). Design and analysis of a 3D printed RC aircraft. Review of the Air Force Academy, vol. 1, pp. 15-21, indexat in baza de date: ProQuest,  <a href="https://www.proquest.com/docview/2890438830?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals">https://www.proquest.com/docview/2890438830?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals</a></p>	10,00 p
		<p style="text-align: right;"><a href="#">Dovada</a></p> <p>8. Urloiu, A. V., <b>Zaharia, S. M.</b>, Pop, M. A. (2023). Design and analysis of 3D printing blades for an unmanned aerial vehicle helicopter. Annals of Constantin Brancusi University of Targu-Jiu. Engineering Series/Analele Universității Constantin Brâncuși din Târgu-Jiu. Seria Inginerie, (1), pp. 24-30., indexat in baza de date: EBSCO,  <a href="https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=18424856&amp;AN=174223566&amp;h=Mf2bL32IQsXcN2xIDkJFeBgFb%2f2uf7XChrWlbTNSGYp%2brz2wkiL5tLJ6DzK%2fzT3kFQ8i18Z0PWndgthCsmV4NQ%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18424856%26AN%3d174223566">https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=18424856&amp;AN=174223566&amp;h=Mf2bL32IQsXcN2xIDkJFeBgFb%2f2uf7XChrWlbTNSGYp%2brz2wkiL5tLJ6DzK%2fzT3kFQ8i18Z0PWndgthCsmV4NQ%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18424856%26AN%3d174223566</a></p>	6,66 p
		<p style="text-align: right;"><a href="#">Dovada</a></p> <p>9. Buican, G. R., <b>Zaharia, S.M.</b> (2023). WI-FI communication system for a fixed-wing twin-engine airplane UAV. Scientific Research &amp; Education in the Air Force-</p>	10,00 p

		<p>AFASES, Brasov, 2023., pp. 129-136, indexat in baza de date: EBSCO,  <a href="https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=22473173&amp;AN=172294797&amp;h=zTss1VHdPZCaSzkdTNIHirjtWOFJNxI9iHcirWrWUf2tTAGCVZUgloZRq3uAyRQgJkyMUTE%2fxcwJpnOIQID%2fBMA%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22473173%26AN%3d172294797">https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=22473173&amp;AN=172294797&amp;h=zTss1VHdPZCaSzkdTNIHirjtWOFJNxI9iHcirWrWUf2tTAGCVZUgloZRq3uAyRQgJkyMUTE%2fxcwJpnOIQID%2fBMA%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22473173%26AN%3d172294797</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>10. Pop, M. A., <b>Zaharia, S.M.</b>, Chicos, L. A., Lancea, C., Stamate, V. M., Buican, G. R., Pascariu, I. S. (2022). Effect of the infill patterns on the mechanical properties of the carbon fiber 3D printed parts. In IOP Conference Series: Materials Science and Engineering (vol. 1235, no. 1, pp. 012006). IOP Publishing, indexat in baza de date: ProQuest,  <a href="https://www.proquest.com/docview/2645891004?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals">https://www.proquest.com/docview/2645891004?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>11. Buican, G. R., <b>Zaharia, S.M.</b>, Pascariu, I. S., Chicos, L. A., Lancea, C., Pop, M. A., Stamate, V. M. (2022). Development and implementation of an automated pilot system for a fixed-wing twin-engine airplane uav. Scientific Research &amp; Education in the Air Force-AFASES, 2022, indexat in baza de date: EBSCO.  <a href="https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=22473173&amp;AN=160923827&amp;h=dsxPf5imYDCieuDIE%2fQWdd9TmPHx%2b0mltfMo2rzH2ij37G5sn09EsfA%2fHMODMiArW568VYtUI%2bH7CW90Yen6g%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22473173%26AN%3d160923827">https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=22473173&amp;AN=160923827&amp;h=dsxPf5imYDCieuDIE%2fQWdd9TmPHx%2b0mltfMo2rzH2ij37G5sn09EsfA%2fHMODMiArW568VYtUI%2bH7CW90Yen6g%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22473173%26AN%3d160923827</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>12. Buican, G. R., <b>Zaharia, S.M.</b>, Pascariu, I. S., Chicos, L. A., Lancea, C., Pop, M. A., &amp; Stamate, V. M. (2022). Mission management for an automated pilot system</p>	<p>2,80 p</p> <p>2,80 p</p> <p>2,80 p</p>
--	--	---	---

		<p>mounted on a fixed-wing twin-engine airplane uav. Scientific Research &amp; Education in the Air Force-AFASES, 2022, indexat in baza de date: EBSCO. <a href="https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=22473173&amp;AN=160923828&amp;h=WSxgl8b1NBKUbeY%2bjP%2b9XPd4TxorGgR0x42xnjGZbv42xTW2scpeTeL6%2fiNfjyDK7XsYITHUWWD1NSEpbnZsIA%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22473173%26AN%3d160923828">https://eds.p.ebscohost.com/abstract?site=eds&amp;scope=site&amp;jrnl=22473173&amp;AN=160923828&amp;h=WSxgl8b1NBKUbeY%2bjP%2b9XPd4TxorGgR0x42xnjGZbv42xTW2scpeTeL6%2fiNfjyDK7XsYITHUWWD1NSEpbnZsIA%3d%3d&amp;crl=c&amp;resultLocal=ErrCrlNoResults&amp;resultNs=Ehost&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22473173%26AN%3d160923828</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>13. Lancea, C., Stamate, V. M., Chicoș, L. A., <b>Zaharia, S. M.</b>, Pop, A. M., Pascariu, I. S., Buican, G. R. (2021). Design and additive manufacturing of brushless electric motor components. In MATEC Web of Conferences (Vol. 343, p. 01007). EDP Sciences, indexat in baza de date: ProQuest, <a href="https://www.proquest.com/docview/2583952983?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Conference%20Papers%20%20Proceedings">https://www.proquest.com/docview/2583952983?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Conference%20Papers%20%20Proceedings</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>14. Lancea, C., <b>Zaharia, S. M.</b>, Pop, M. A., Buican, G. R. (2021). The heat treatment influence on microstructure and mechanical properties of TiAl6V4 parts manufactured by SLM. In IOP Conference Series: Materials Science and Engineering, Vol. 1009, No. 1, pp. 012029, IOP Publishing, indexat în baza de date: SCOPUS. <a href="https://0a109gdhj-y-https-www-scopus-com.z-e-nformation.ro/record/display.uri?eid=2-s2.0-85099992618&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=d8c6228f4778fbb721af5aa98cb4b785&amp;sot=b&amp;sdt=b&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;sl=27&amp;sessionSearchId=d8c6228f4778fbb721af5aa98cb4b785&amp;relpos=14">https://0a109gdhj-y-https-www-scopus-com.z-e-nformation.ro/record/display.uri?eid=2-s2.0-85099992618&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=d8c6228f4778fbb721af5aa98cb4b785&amp;sot=b&amp;sdt=b&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;sl=27&amp;sessionSearchId=d8c6228f4778fbb721af5aa98cb4b785&amp;relpos=14</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>15. Morariu, C. O., <b>Zaharia, S. M.</b> (2021). A comparative assessment of reliability indicators and parameters of the bearings using different estimation methods.</p>	<p>2,80 p</p> <p>5,00 p</p> <p>10,00 p</p>
--	--	---	--

		<p>In Materials Science and Engineering Conference Series , Vol. 1009, No. 1, p. 012040, indexat în baza de date: SCOPUS. <a href="https://0a109gdfg-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85099953071&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=d8c6228f4778fbb721af5aa98cb4b785&amp;sot=b&amp;sdt=b&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;sl=27&amp;sessionSearchId=d8c6228f4778fbb721af5aa98cb4b785&amp;relpos=15">https://0a109gdfg-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85099953071&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=d8c6228f4778fbb721af5aa98cb4b785&amp;sot=b&amp;sdt=b&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;sl=27&amp;sessionSearchId=d8c6228f4778fbb721af5aa98cb4b785&amp;relpos=15</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>16. <b>Zaharia, S.M.</b>, (2016). Reliability based inspection techniques of turbojet engine compressor blades, Mechanical Testing and Diagnosis Scientific Journal, vol. 2, pag. 15-24, indexat în baza de date: EBSCO. <a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=22479635&amp;AN=120781075&amp;h=I3pJuDdN7ZTdOC1n8OXJ%2fDCloYhgyvhEfWjNmp%2fMR73SWTHcR3K%2b7OItcGo68tSO1FgEFieLqMQ0Xz2i39Pi yQ%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22479635%26AN%3d120781075">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=22479635&amp;AN=120781075&amp;h=I3pJuDdN7ZTdOC1n8OXJ%2fDCloYhgyvhEfWjNmp%2fMR73SWTHcR3K%2b7OItcGo68tSO1FgEFieLqMQ0Xz2i39Pi yQ%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22479635%26AN%3d120781075</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>17. <b>Zaharia, S.M.</b>, Ștefăneanu, R.I., (2016). CFD simulation and FEA analysis of a ballistic missile, Journal of Industrial Design and Engineering Graphics, vol. 11, nr. 2, pag. 41-45, indexat în baza de date: EBSCO, ProQuest. <a href="https://search.proquest.com/docview/1860091629?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1860091629?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>18. <b>Zaharia, S.M.</b>, Ștefăneanu, R.I., (2016). Design and manufacturing process for a ballistic missile, Scientific Bulletin of the Nicolae Balcescu Land Forces Academy, nr.</p>	<p>20,00 p</p> <p>10,00 p</p> <p>10,00 p</p>
--	--	--	--

		<p>2, pag. 140-146, indexat în baza de date: EBSCO, ProQuest.  <a href="https://search.proquest.com/docview/1905663679?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1905663679?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>19. <b>Zaharia, S.M.</b>, (2016). Reliability Testing and Failure Analysis for Spar Structure of Helicopter Rotor Blades, Review of the Air Force Academy Vol XIV, nr. 2, pag. 39 – 46, DOI: 10.19062/1842-9238.2016.14.2.5, indexat în baza de date: ProQuest.  <a href="https://search.proquest.com/docview/1920622110?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1920622110?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>20. <b>Zaharia, S.M.</b>, (2016). The analysis and development of a maintenance programme for the fuel system, Research and Science Today Journal, nr. 2, pag. 105-113, indexat în baza de date: EBSCO, ProQuest.  <a href="https://search.proquest.com/docview/1852721899?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1852721899?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>21. <b>Zaharia, S.M.</b>, (2015). The modal analysis of a carbon fiber helicopter blade, Journal of Industrial Design and Engineering Graphics, vol. 10, nr. 2, pag. 23-26, indexat în baza de date: EBSCO, ProQuest.  <a href="https://search.proquest.com/docview/1752118056?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1752118056?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>22. <b>Zaharia, S.M.</b>, (2015). Simulation and aerodynamic analysis of the flow around the sailplane using CFD techniques, Scientific Bulletin of the “Petru Maior” University of Tîrgu Mureș, vol. 12, nr. 2, pag. 26-30, indexat în baza de date: EBSCO, ProQuest.</p>	<p>20,00 p</p> <p>20,00 p</p> <p>20,00 p</p> <p>20,00 p</p>
--	--	--	---

		<p><a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authype=crawler&amp;jrnl=18419267&amp;AN=111948019&amp;h=9iHydJxDelGEIZImbWFH8vkTF5JGtyljYx275smH8kBxycyM0GgVz5dvLekkrBFU3xinFvHINjafGFiss9Z7S%2bw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18419267%26AN%3d111948019">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authype=crawler&amp;jrnl=18419267&amp;AN=111948019&amp;h=9iHydJxDelGEIZImbWFH8vkTF5JGtyljYx275smH8kBxycyM0GgVz5dvLekkrBFU3xinFvHINjafGFiss9Z7S%2bw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18419267%26AN%3d111948019</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>23. <b>Zaharia, S.M.</b>, Morariu, C.O., (2015). Simulation and Analysis of the Milling Machines Reliability Using the Monte Carlo Method, Research and Science Today nr. 2, pag. 105-113, indexat în baza de date: EBSCO, ProQuest.</p> <p><a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authype=crawler&amp;jrnl=22474455&amp;AN=111532699&amp;h=CaG08ZzmaTvZ22Mizk8HpzEES%2fdmrkjlA0sp4tW9GmSIN%2fg1dUcFgzF%2fM5BAiH90pno4G490b1TR%2fWwA5WHCEQ%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authype%3dcrawler%26jrnl%3d22474455%26AN%3d111532699">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authype=crawler&amp;jrnl=22474455&amp;AN=111532699&amp;h=CaG08ZzmaTvZ22Mizk8HpzEES%2fdmrkjlA0sp4tW9GmSIN%2fg1dUcFgzF%2fM5BAiH90pno4G490b1TR%2fWwA5WHCEQ%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authype%3dcrawler%26jrnl%3d22474455%26AN%3d111532699</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>24. Morariu, C.O., <b>Zaharia, S.M.</b>, (2015). Preliminary reliability of bearings, Mechanical Testing and Diagnosis Scientific Journal, vol. 5, nr.3, pag. 5-12, indexat în baza de date: EBSCO, ProQuest.</p> <p><a href="https://search.proquest.com/docview/1774774115?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1774774115?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>25. <b>Zaharia, S.M.</b>, Morariu, C.O., (2015). Reliability analysis for gears using accelerated testing through Monte Carlo simulation, Mechanical Testing and Diagnosis, vol. 5,</p>	<p>10,00 p</p> <p>10,00 p</p> <p>10,00 p</p>
--	--	--	--

		<p>nr.2, pag. 19-28, indexat în baza de date: ProQuest.  <a href="https://search.proquest.com/docview/1774773753?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1774773753?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>26. <b>Zaharia, S.M.</b>, (2015). Reliability and statistical analysis of the fatigue life of the tapered roller bearings, Scientific Research &amp; Education in the Air Force – AFASES, vol. 2, pag. 535-540, indexat în baza de date: EBSCO.  <a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authype=crawler&amp;jrnl=22473173&amp;AN=103260799&amp;h=ij5eksARf%2fGETxVPcQC1xPndmmlJGaQt%2f10%2bGpsq%2b4uy9coDWgolbETrm3oQeS06GI8hVSsjhMu2v3QuPW1CRQ%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authype%3dcrawler%26jrnl%3d22473173%26AN%3d103260799">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authype=crawler&amp;jrnl=22473173&amp;AN=103260799&amp;h=ij5eksARf%2fGETxVPcQC1xPndmmlJGaQt%2f10%2bGpsq%2b4uy9coDWgolbETrm3oQeS06GI8hVSsjhMu2v3QuPW1CRQ%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authype%3dcrawler%26jrnl%3d22473173%26AN%3d103260799</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>27. <b>Zaharia, S.M.</b>, (2015). Fatigue life simulation of the specimens made of mechanical component, Scientific Research &amp; Education in the Air Force – AFASES 2016, vol. 2, pag. 531-534, indexat în baza de date: EBSCO.  <a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authype=crawler&amp;jrnl=22473173&amp;AN=103260798&amp;h=dZ9CPpOwBAP4FB8q%2bD5eVWgFL6iITL%2fs8sD2mCmytePdNyzeST4JBxhYVJcOmWHNinQsz8s2bTlqiGBHyC17Rw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authype%3dcrawler%26jrnl%3d22473173%26AN%3d103260798">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authype=crawler&amp;jrnl=22473173&amp;AN=103260798&amp;h=dZ9CPpOwBAP4FB8q%2bD5eVWgFL6iITL%2fs8sD2mCmytePdNyzeST4JBxhYVJcOmWHNinQsz8s2bTlqiGBHyC17Rw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authype%3dcrawler%26jrnl%3d22473173%26AN%3d103260798</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>28. Șoimaru, C., Buzea, D., <b>Zaharia, S.M.</b>, (2015). Conducting data analysis for</p>	<p>20,00 p</p> <p>20,00 p</p> <p>6,66 p</p>
--	--	---	---



		<p>electrohydraulic valves, Bulletin of the Transilvania University of Brașov, Series I: Engineering Sciences, vol. 5, nr. 2, pag . 17-24, indexat în baza de date: EBSCO, ProQuest.</p> <p><a href="https://search.proquest.com/docview/1490874196?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1490874196?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>29. <b>Zaharia, S.M.</b>, Martinescu, I., (2010). Statistical analysis of data resulting from accelerated life tests simulation, In Annals of DAAAM for 2010 &amp; Proceeding of the 21th International DAAAM Symposium "Intelligent Manufacturing &amp; Automation: Focus on Interdisciplinary Solution", 20-23 Octombrie, 2010, Zadar, Croatia, pag. 31-32, indexat în baza de date: EBSCO, Scopus.</p> <p><a href="https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=17269679&amp;AN=55674474&amp;h=GHJd%2b%2fqIfqwgBJxTZzO4v2M9NEISBkVWA MqQXHP0xcfMY2%2fDVL309PkZqmyMNHnouOyZZOCfWSuibclimrHBw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d17269679%26AN%3d55674474">https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=17269679&amp;AN=55674474&amp;h=GHJd%2b%2fqIfqwgBJxTZzO4v2M9NEISBkVWA MqQXHP0xcfMY2%2fDVL309PkZqmyMNHnouOyZZOCfWSuibclimrHBw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d17269679%26AN%3d55674474</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>30. <b>Zaharia, S.M.</b>, (2014). Validation of Accelerated Reliability Test Techniques of Industrial Components Using Finite Element Analysis, Applied Mechanics and Materials, vol. 555, pag. 549-554, indexat în baza de date: EBSCO, ProQuest, Scopus.</p> <p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84904325470&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3">https://www.scopus.com/record/display.uri?eid=2-s2.0-84904325470&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3</a></p>	<p>10,00 p</p> <p>20,00 p</p>
--	--	--	-------------------------------

		<p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84921680620&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3&amp;sot=b&amp;sdt=cl&amp;cluster=scopusbyr%2c%222014%22%2ct&amp;sl=25&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84921680620&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3&amp;sot=b&amp;sdt=cl&amp;cluster=scopusbyr%2c%222014%22%2ct&amp;sl=25&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>31. <b>Zaharia, S.M.</b>, Lancea, C., Chicos, L.A., Caputo, G., (2014). Behaviour and Mean Life Prediction of Solar Mirrors from Parabolic Trough Collectors Under Accelerated Degradation/Reliability Testing, Applied Mechanics and Materials, Applied Mechanics and Materials, vol. 656, pag. 442-449, indexat în baza de date: EBSCO, ProQuest, Scopus.</p> <p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84921680620&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3&amp;sot=b&amp;sdt=cl&amp;cluster=scopusbyr%2c%222014%22%2ct&amp;sl=25&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;relpos=1&amp;citeCnt=1&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84921680620&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=zaharia+s.m.&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=ace806947d76fa13b9472f0e34051aa3&amp;sot=b&amp;sdt=cl&amp;cluster=scopusbyr%2c%222014%22%2ct&amp;sl=25&amp;s=AUTHOR-NAME%28zaharia+s.m.%29&amp;relpos=1&amp;citeCnt=1&amp;searchTerm=</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>32. <b>Zaharia, S.M.</b>, Morariu, C.O., (2014). Optimum design of experiments for accelerated reliability testing, Revista Fiabilitate și Durabilitate/Fiability and Durability, Supplement nr. 1, pag. 257-263, indexat în baza de date: EBSCO.</p> <p><a href="https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=1844640X&amp;AN=97069972&amp;h=tVDO7JsGinZga%2ftz%2fPG9KUHwchQohSI6%2b0Bt%2bOdgKF1Ckg1Bm%2bllpKzlj1dNF8iZ1sdw9giabrQqzfy0u8bjg%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d1844640X%26AN%3d97069972">https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=1844640X&amp;AN=97069972&amp;h=tVDO7JsGinZga%2ftz%2fPG9KUHwchQohSI6%2b0Bt%2bOdgKF1Ckg1Bm%2bllpKzlj1dNF8iZ1sdw9giabrQqzfy0u8bjg%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d1844640X%26AN%3d97069972</a></p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>33. <b>Zaharia, S.M.</b>, Morariu, C.O., (2013). Reliability and lifetime estimation of ball bearings under accelerated reliability and durability testing, Revista Metalurgia International, nr. 5, 2013, pag. 90-96, indexat în baza de date: EBSCO, ProQuest.</p>	<p>5,00 p</p> <p>10,00 p</p> <p>10,00 p</p>
--	--	---	---

		<p><a href="http://connection.ebscohost.com/c/articles/86444097/reliability-lifetime-estimation-ball-bearings-under-accelerated-reliability-durability-testing">http://connection.ebscohost.com/c/articles/86444097/reliability-lifetime-estimation-ball-bearings-under-accelerated-reliability-durability-testing</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>34. <b>Zaharia, S.M., (2013).</b> Using finite element method for simulation of accelerated experiments on industrial products, Revista Metalurgia International, Special Issue nr. 8, pag. 312-315, indexat în baza de date: ProQuest.</p> <p><a href="https://search.proquest.com/docview/1394526383?pq-origsite=gscholar&amp;fromopenview=true">https://search.proquest.com/docview/1394526383?pq-origsite=gscholar&amp;fromopenview=true</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>35. <b>Zaharia, S.M., Martinescu, I., (2013).</b> Lifetime estimation from accelerated reliability testing using finite elements analysis, Revista Fiabilitate și Durabilitate/Fiability and Durability, nr.1, pag. 146-152, indexat în baza de date: EBSCO.</p> <p><a href="https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=1844640X&amp;AN=90473586&amp;h=7Amu965RI0bV0sL%2foQCne5u6of4Eb%2f0geiCbEKffk96t3IqSmpRLUiot%2f7iHIRcT%2bNML2n4Z9mFpKx80ZVWEnw%3d%3d&amp;cr=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crIhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d1844640X%26AN%3d90473586">https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=1844640X&amp;AN=90473586&amp;h=7Amu965RI0bV0sL%2foQCne5u6of4Eb%2f0geiCbEKffk96t3IqSmpRLUiot%2f7iHIRcT%2bNML2n4Z9mFpKx80ZVWEnw%3d%3d&amp;cr=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crIhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d1844640X%26AN%3d90473586</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>36. <b>Zaharia, S.M., Martinescu, I., (2013).</b> Improving product reliability under accelerated life testing using Monte Carlo simulation, Scientific Bulletin of the „Petru Maior” University of Tîrgu Mureș, vol. 10, nr. 2, pag. 45-48, indexat în baza de date: EBSCO, ProQuest.</p> <p><a href="https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=18419267&amp;AN=95059044&amp;h=y9G9A%2b4LBjn%2bCxGZ%2b5UYutfC4EobZg">https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=18419267&amp;AN=95059044&amp;h=y9G9A%2b4LBjn%2bCxGZ%2b5UYutfC4EobZg</a></p>	<p>20,00 p</p> <p>10,00 p</p> <p>10,00 p</p>
--	--	--	--

		<p><a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=15837904&amp;asa=Y&amp;AN=88304168&amp;h=6FSuuDILYnkWGGHjBVs8YGW5o2%2fOyCzCCBmiElyAzZ7DONt9qUEIBf9MIPrFgxf13co1mYe761eTMdjpC%2f3Qg%3d%3d&amp;crl=resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d15837904%26asa%3dY%26AN%3d88304168">4LA9DDmuBbhUস্যacS8GhUfZiLZzxG4h9oxEBMXXcBxbD0qMlt2k4QNTA%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18419267%26AN%3d95059044</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>37. Morariu, C.O., <b>Zaharia, S.M.</b>, (2012). Calculation method of the testing period of products using the lognormal distribution, Academic Journal of Manufacturing Engineering, vol. 10, nr. 2, pag. 84-89, indexat în baza de date: EBSCO. <a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=15837904&amp;asa=Y&amp;AN=88304168&amp;h=6FSuuDILYnkWGGHjBVs8YGW5o2%2fOyCzCCBmiElyAzZ7DONt9qUEIBf9MIPrFgxf13co1mYe761eTMdjpC%2f3Qg%3d%3d&amp;crl=resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d15837904%26asa%3dY%26AN%3d88304168">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=15837904&amp;asa=Y&amp;AN=88304168&amp;h=6FSuuDILYnkWGGHjBVs8YGW5o2%2fOyCzCCBmiElyAzZ7DONt9qUEIBf9MIPrFgxf13co1mYe761eTMdjpC%2f3Qg%3d%3d&amp;crl=resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d15837904%26asa%3dY%26AN%3d88304168</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>38. Morariu, C.O., <b>Zaharia, S.M.</b>, Udroi, R (2012). The study of the bootstrap estimate accuracy in the case of exponential distribution, Academic Journal of Manufacturing Engineering, vol. 10, nr. 2, pag. 90-95, indexat în baza de date: EBSCO. <a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=15837904&amp;AN=88304169&amp;h=0I3IZEQB1xNwFiUEoBn4WWS7cZMR66XkCCwJHqMGHdfMywg7zFC58YtZL%2fcaDJeJYapuKQuTqtmPWK5m%2b950Wg%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d15837904%26AN%3d88304169">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=15837904&amp;AN=88304169&amp;h=0I3IZEQB1xNwFiUEoBn4WWS7cZMR66XkCCwJHqMGHdfMywg7zFC58YtZL%2fcaDJeJYapuKQuTqtmPWK5m%2b950Wg%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrINotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d15837904%26AN%3d88304169</a></p> <p style="text-align: right;"><u>Dovada</u></p> <p>39. <b>Zaharia, S.M.</b>, Martinescu, I., (2009). Estimation the reliability of mechanical system</p>	<p>10,00 p</p> <p>6,66 p</p> <p>10,00 p</p>
--	--	--	---

		<p>using the accelerated life testing, Revista Fiabilitate și Durabilitate/Fiability and Durability, nr.1, pag. 89, indexat în baza de date: EBSCO.</p> <p><a href="http://connection.ebscohost.com/c/articles/48299606/estimation-reliability-mechanical-system-using-accelerated-life-testing">http://connection.ebscohost.com/c/articles/48299606/estimation-reliability-mechanical-system-using-accelerated-life-testing</a></p> <p style="text-align: right;"><u>Dovadă</u></p> <p>40. <b>Zaharia, S.M.</b>, Martinescu, I., (2009). Theoretical and experimental researches using accelerated life testing in aerospace industry, Pollack Periodica, vol. 4, nr. 2, pag. 117-122, indexat în baza de date: SCOPUS.</p> <p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-68349152927&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=Theoretical+and+experimental+researches+using+accelerated+life+testing+in+aerospace+industry&amp;st2=&amp;sid=6561e605ad036c314df36b2ee63aff77&amp;sot=b&amp;sdt=b&amp;sl=99&amp;s=TITLE%28Theoretical+and+experimental+researches+using+accelerated+life+testing+in+aerospace+industry%29&amp;relpos=0&amp;citeCnt=2&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-68349152927&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=Theoretical+and+experimental+researches+using+accelerated+life+testing+in+aerospace+industry&amp;st2=&amp;sid=6561e605ad036c314df36b2ee63aff77&amp;sot=b&amp;sdt=b&amp;sl=99&amp;s=TITLE%28Theoretical+and+experimental+researches+using+accelerated+life+testing+in+aerospace+industry%29&amp;relpos=0&amp;citeCnt=2&amp;searchTerm=</a></p> <p style="text-align: right;"><u>Dovada</u></p>	10,00 p
<b>2.4 Articole publicate în reviste naționale și volumele unor manifestări științifice naționale și internaționale, neindexate</b>			
	5/ nr. autori (reviste)	<p>1. <b>Zaharia, S.M.</b>, (2016). Modal and buckling analysis of the fiberglass sailplane fuselage, Tehnologia Inovativa - Revista Construcția de Mașini, ISSN: 2248 – 0420, nr. 3-4, pag. 5-10.</p> <p style="text-align: right;"><u>Dovada</u></p> <p>2. <b>Zaharia, S.M.</b>, (2016). An investigation on the smoke pollution issued by the turbofan engines, ECOTERRA - Journal of Environmental Research and Protection, ISSN: 1584-7071, vol. 13, No 4, pag. 52-60.</p> <p style="text-align: right;"><u>Dovada</u></p>	5,00 p  5,00 p

		<p>3. <b>Zaharia, S.M.</b>, (2016). The Reliability analysis of shafts testing under rotating bending stress using the accelerated fatigue testing, Buletinul Universității Petrol – Gaze din Ploiești, Seria Tehnică, ISSN: 2247-8574, vol. LXVIII, No 1, pag. 47-52.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	5,00 p
		<p>4. <b>Zaharia, S.M.</b>, (2015). Evaluation and impact of noise pollution caused by turbojet engines on people and the environment, ECOTERRA - Journal of Environmental Research and Protection, ISSN: 1584-7071, vol. 12, nr. 4, pag. 19-25.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	5,00 p
		<p>5. <b>Zaharia, S.M.</b>, (2015). Analysis of the aerodynamic performance of a powered sailplane from CS 22 categories, Tehnologia Inovativa - Revista Construcția de Mașini, ISSN: 2248 – 0420 2015, nr. 4, pag. 22-27.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	5,00 p
		<p>6. <b>Zaharia, S.M.</b>, Morariu, C.O., (2014). Statistical processing of censored data under accelerated reliability testing for radial ball bearing, Revista Fiabilitate și Durabilitate/Fiability and Durability, ISSN 1844 – 640X, nr.1, pag. 57-63.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	2,50 p
		<p>7. <b>Zaharia, S.M.</b>, Martinescu, I., (2013). Statistical methodology for prediction the life of aerospace components using accelerated experiments under impact testing, – Revista „Construcția de mașini” - Tehnologia Inovativă, ISSN: 2248 – 0420, nr. 3-4, pag. 5-11.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	2,50 p
		<p>8. Martinescu, I., <b>Zaharia, S.M.</b>, (2013). Analiza fiabilității sistemelor tehnice utilizând metoda arborelui de defectare, Buletinul Asociației Române de Mecanica Ruperii, ISSN: 1453-8148, nr. 31, pag. 19-24.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	2,50 p
		<p>9. <b>Zaharia, S.M.</b>, Martinescu, I., (2013). Estimarea fiabilității și duratei de viață a</p>	2,50 p

		<p>rulmenților radiali cu bile utilizând metoda încercările accelerate de fiabilitate/durabilitate, Buletinul Asociației Române de Mecanica Ruperii, ISSN: 1453-8148, nr. 31, pag. 25-32.</p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>10. <b>Zaharia, S.M.</b>, Martinescu, I., (2008). Reducing the test time using the accelerated reliability testing, Academic Journal of Manufacturing Engineering – AJME, ISSN:1583-7904, Supliment nr.2, pag. 227-233.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	2,50 p
	5/nr. autori (volumen manifestări științifice)	<p>1. <b>Zaharia, S.M.</b>, Martinescu, I., (2013). Reliability and environmental degradation of composite materials using accelerated methods, The 5-th International Conference Computational Mechanics and Virtual Engineering, 24- 25 Octombrie, Brașov, Romania, pag. 285-290, ISBN 978-600-19-225-5.</p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>2. Morariu, C.O., <b>Zaharia, S.M.</b>, (2011). The Calculation of the Testing Period of the Reliability of Products by Using the Model of Exponential Distribution, 12th WSEAS International Conference on NEURAL NETWORKS, 11-13 Aprilie, 2011, Brașov, Romania, pag. 169-173, ISBN 978-960-474-292-9.</p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>3. <b>Zaharia, S.M.</b>, Martinescu, I., (2010). Analysis of modern methods of reliability testing, 3-rd International Conference "Advanced Composite Materials Engineering", 27-29 Octombrie, Brașov, Romania, vol. I, pag. 209-214, ISSN 1844-9336.</p> <p style="text-align: right;"><a href="#">Dovada</a></p> <p>4. <b>Zaharia, S.M.</b>, Martinescu, I., (2008). Researches regarding the testing methods in aviation, The 2-nd International Conference „Advanced Composite Materials</p>	2,50 p 2,50 p 2,50 p 2,50 p





		Experimental Demonstrativ), nr. 413PED din 01/11/2020, cod proiect: PN-III-P2-2.1-PED-2019-0739, perioada de desfășurare a proiectului 2020 – 2022, valoarea totală a proiectului: 600000 lei; durata proiectului: 2020–2022. <a href="#">Dovada</a>	
2.5.2 Membru în echipă – confirmare prin documente oficiale	2.5.2.1 Internaționale		
	4 · nr. ani participare în proiect	—	0 p
	2.5.2.2 Naționale		
2 · nr. ani participare în proiect	1. <b>Compozite ecologice realizate prin tehnici de imprimare 3D pentru obținerea panourilor fonoabsorbante</b> , Agenția de finanțare: UEFISCDI, Director de proiect: CS II dr.ing. Mihai-Alin POP, tip proiect: TE (TINERE ECHIPE), valoarea proiectului: 450.000 lei, durata de desfășurare a proiectului: 2022-2024, TE 75/2022, cod: : PN-III-P1-1.1-TE-2021-0292. <a href="#">Dovada</a>		4,00 p
<b>Total punctaj pentru activitatea de cercetare (A2):</b>			<b>1248,01 p</b>

### A3. RECUNOAȘTEREA PERFORMANȚELOR PROFESIONALE ȘI IMPACTUL ACTIVITĂȚII

Categorii și restricții	Indicatori unitari	Denumire		Punctaj
<b>3.1 Citări în reviste ISI și BDI (fără autocitari)</b>				
	3.1.1 ISI cu factor de impact			
	20/nr. autori art. citat	<b>Articol citat</b>	<b>Articol care citează</b>	
		Morariu C.O., Zaharia S.M., A New Method for Determining the Reliability Testing Period Using Weibull Distribution, Acta Polytechnica Hungarica, ISSN 1785-8860, Vol 10, No. 7, 2013, pag. 171-186, WOS:000329890400012.	1. Horvath, E., Torok, A., Ficzer, P., Zador, I., Racz, P., (2014). Optimisation of Computer-aided Screen Printing Design, Revista Acta Polytechnica Hungarica, vol. 11, nr. 8, WOS:000346148600002. <a href="#">Dovada</a>	10,00 p
			2. Pogany, T.K., Tudor, M., Sanjin, V., (2014). Cold duplication and survival equivalence in the case of gamma – Weibull distributed composite systems, Jurnalul Acta Polytechnica Hungarica Vol. 11, No. 10, WOS:000350404600011. <a href="#">Dovada</a>	10,00 p

			3. Bera, J., Pokorádi, L., (2015). Monte-Carlo Simulation of Helicopter Noise, Revista Acta Polytechnica Hungarica Vol. 12, No. 2, WOS:000356967700002.  <a href="#">Dovada</a>	10,00 p
		<b>Zaharia, S.M.,</b> Martinescu, I., (2008). Optimizing the life cycle of aerospace products using accelerated life testing, Annals of DAAAM for 2008 - The 2nd European DAAAM International Young Researchers´ and Scientists´, Trnava, 22-25 Octombrie, Slovakia, pag. 1539-1540, WOS:000262860100769.	4. Kalaiselvan, C., Rao, L.B., (2016). Accelerated life testing of nano ceramic capacitors and capacitor test boards using non-parametric method, MEASUREMENT, vol. 88, pag. 58-65, WOS:000376463100007.  <a href="#">Dovada</a>	10,00 p
		<b>Zaharia S.M.,</b> Martinescu I., Morariu C.O., (2012). Life time prediction using accelerated test data of the specimens from mechanical element, Eksploatacja i Niezawodnosc – Maintenance and Reliability, vol. 14, nr. 2, pag. 99-10, WOS:000301283200002.	5. Ma, Z.H., Wang, S.P., Zhang, C., Tomovic, M.M., Li, T.Y. (2018). Load Sequence Design Method for Hydraulic Piston Pump Based on Time-Related Markov Matrix, IEEE TRANSACTIONS ON RELIABILITY, vol. 67, nr. 3, pag. 1237-1248, WOS:000443970200034.  <a href="#">Dovada</a>	6,66 p
			6. Zhu, S.P., Liu, Q., Peng, W.W., Zhang, X.C., (2018). Computational - experimental approaches for fatigue reliability assessment	6,66 p

			of turbine bladed disks, International Journal of Mechanical Sciences, vol. 142, pag. 502-517, WOS:000437372600042. <a href="#">Dovada</a>	
			7. El-Din, M.M.M., Abu-Youssef, S.E., Ali, N.S.A., Abd El-Raheem, A.M. (2017). Optimal Plans of Constant-Stress Accelerated Life Tests for the Lindley Distribution, Journal of testing and evaluation, vol. 45, nr. 4, pag. 1463-1475, WOS:000406103200034. <a href="#">Dovada</a>	6,66 p
		<b>Zaharia, S.M.</b> , Pop, M.A., Chicoș, L.A., Lancea, C; Semenescu, A., Florea, B., Chivu, O.R., (2017). An Investigation on the Reliability and Degradation of Polycrystalline Silicon Solar Cells Under Accelerated Corrosion Test. Materiale Plastice, vol. 54, nr. 3, pag. 466-472, ISSN: 0025-5289, FI 1,248, WOS:000426412300012	8. Mitiu, M.A., Olteanu, M.V., Raischi, N.S., Balaceanu, C.M., Cociorva, D. (2018). Efficiency of polycrystalline photovoltaic parks in Romania possibility of using renewable energy, Thermal Science, vol. 22, pag. S665-S671, Supliment 2, WOS:000435526200034. <a href="#">Dovada</a>	2,85 p
		<b>Zaharia, S.M.</b> , Pop, M.A., Semenescu, A., Florea, B., Chivu, O.R., (2017). Mechanical Properties and Fatigue Performances on	9. Birman, V., Kardomateas, G.A. (2018). Review of current trends in research and applications of sandwich structures,	4,00 p

		Sandwich Structures with CFRP Skin and Nomex Honeycomb Core, Materiale Plastice, vol. 54, nr. 1, pag. 67-72, ISSN: 0025-5289, FI 1,248, WOS:000400629900016	COMPOSITES PART B-ENGINEERING, vol. 142, pag. 221-240, WOS:000431157500020. <a href="#">Dovada</a>	
			10. Stoian, E.V., (2020). Researches Regarding the Compression of the Films Polymers in Composite System, MATERIALE PLASTICE, vol. 57, nr. 1, pag. 112-121, WOS:000528195000014. <a href="#">Dovada</a>	4,00 p
		<b>Zaharia, S.M.</b> , Lancea, C., Chicoș, L.A., Pop, M.A., Caputo, G., Serra, E., (2017) Mechanical properties and corrosion behaviour of 316L stainless steel honeycomb cellular cores manufactured by selective laser melting. Transactions of FAMENA, vol. 41, nr. 4, pag. 11–24, ISSN: 1333-1124, FI 0,797, WOS:000431808800002	11. Hussein, R., Anandan, S., Spratt, M., Newkirk, J.W., Chatzdrashekhara, K., Heath, M., Walker, M. (2020). Effective elastic moduli of metal honeycombs manufactured using selective laser melting, Rapid Prototyping Journal, vol. 26, nr. 5, pag. 971-980, WOS:000512413100001. <a href="#">Dovada</a>	3,33 p
			12. Balos, S., Rajnovic, D., Sidjanin, L., Cekic, O.E., Moraca, S., Trivkovic, M., Dedic, M. (2019). Vickers hardness indentation size effect in selective laser melted MS1 maraging steel, Proceedings of the Institution of Mechanical Engineers Part C-Journal of Mechanical Engineering Science, WOS:000499778800001	3,33 p

			<a href="#">Dovada</a>	
			13. Solic, T., Havrlisan, S., Maric, D., Samardzic, I. (2019). Statistical Analysis of Corrosion Process Flow, Tehnicki Vjesnik-Technical Gazette, vol. 26, nr. 6, pag. 1738-1742, WOS:000499332300028.	3,33 p
			<a href="#">Dovada</a>	
			14. Huang, M.J., Zhang, Z.X., Chen, P., (2019). Effect of selective laser melting process parameters on microstructure and mechanical properties of 316L stainless steel helical micro-diameter spring, International Journal of Advanced Manufacturing Technology, vol. 104, nr. 5-8, pag. 2117-2131, WOS:000490367800029.	3,33 p
			<a href="#">Dovada</a>	
		<b>Zaharia, S.M.</b> , Morariu, C.O., Nedelcu, A., Pop, M.A., (2017). Experimental Study of Static and Fatigue Behavior of CFRP-Balsa Sandwiches under Three-point Flexural Loading, BioResources, vol. 12, nr. 2, pag. 2673 – 2689, FI 1,202, WOS:000402883700032	15. Sergi, C., Tirillo, J., Sarasini, F., Pozuelo, E.B., Saez, S.S., Burgstaller, C. (2019). The Potential of Agglomerated Cork for Sandwich Structures: A Systematic Investigation of Physical, Thermal, and Mechanical Properties, Polymers, vol. 11, nr. 12, WOS:000507624500211.	5,00 p
			<a href="#">Dovada</a>	
			16. Ozdemir, O., Oztoprak, N., Kandas, H.,	5,00 p

			<p>Single and repeated impact behaviors of bio-sandwich structures consisting of thermoplastic face sheets and different balsa core thicknesses, COMPOSITES PART B-ENGINEERING, vol. 149, pag. 49-57, WOS:000442979500006.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	
		<p><b>Zaharia, S.M.</b>, Enescu, L.A., Pop, M.A., (2020). Mechanical Performances of Lightweight Sandwich Structures Produced by Material Extrusion-Based Additive Manufacturing, Polymers, vol. 12, 1740, ISSN: 2073-4360, <b>FI 4,329 (zona roșie)</b>, WOS:000564679500001.</p>	<p>17. Cuan-Urquizo, E., &amp; Guerra Silva, R. (2023). Fused Filament Fabrication of cellular, lattice and porous mechanical metamaterials: a review. Virtual and Physical Prototyping, 18(1), e2224300, WOS:001021282200001.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
			<p>18. Cho, Y.J., Seo, H.S., Park, H.S. (2023). Evaluation of Structural Performance of 3D Printed Composite Rudder according to Internal Topology Shape, COMPOSITES RESEARCH, vol. 36, nr. 6, pp. 454-460, WOS:001147721000010.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
			<p>19. Pleasant, D., Gavin, C., Redden, G., Nagel, J., &amp; Zhang, H. (2023). Bioinspired Design of Material Architecture for Additive Manufacturing. Machines, 11(12), 1081,</p>	6,66 p

			WOS:001131144100001. <a href="#">Dovada</a>	
			20. Tunay, M. (2024). Bending behavior of 3D printed sandwich structures with different core geometries and thermal aging durations. Thin-Walled Structures, 194, 111329, WOS:001122714900001 <a href="#">Dovada</a>	6,66 p
			21. Wang, H., Shao, J., Zhang, W., Yan, Z., Huang, Z., & Liang, X. (2023). Three-point bending response and energy absorption of novel sandwich beams with combined re-entrant double-arrow auxetic honeycomb cores. Composite Structures, 326, 117606, WOS:001097996400001. <a href="#">Dovada</a>	6,66 p
			22. de Carvalho, W. S., Draper, J., Terrazas-Monje, T., Toumpis, A., Galloway, A., & Amancio-Filho, S. T. (2023). Fatigue life assessment and fracture mechanisms of additively manufactured metal-fiber reinforced thermoplastic hybrid structures produced via ultrasonic joining. journal of materials research and technology, 26, 5716-5730,	6,66 p



			WOS:001078262500001. <a href="#">Dovada</a>	
			23. Georges, H., Mittelstedt, C., & Becker, W. (2023). Energy-based strut stress analysis of 3D lattice cores in sandwich panels. European Journal of Mechanics-A/Solids, 100, 105007, WOS:001053814700001 <a href="#">Dovada</a>	6,66 p
			24. Jia, D., & Li, F. (2023). Design of central symmetric lattice structure for ocean engineering based on fluid-solid-interaction. Marine Structures, 90, 103433, WOS:000989977900001. <a href="#">Dovada</a>	6,66 p
			25. Kanani, A. Y., & Kennedy, A. (2023). Experimental and numerical analysis of additively manufactured foamed sandwich beams. Composite Structures, 312, 116866, WOS:000951107500001. <a href="#">Dovada</a>	6,66 p

		<p>26. Obadimu, S. O., &amp; Kourousis, K. I. (2023). In-plane compression performance of additively manufactured honeycomb structures: a review of influencing factors and optimisation techniques. <i>International Journal of Structural Integrity</i>, 14(3), 337-353, WOS:000943707000001.</p> <p><a href="#">Dovada</a></p>	6,66 p
		<p>27. Wu, Y., Fang, J., Wu, C., Li, C., Sun, G., &amp; Li, Q. (2023). Additively manufactured materials and structures: A state-of-the-art review on their mechanical characteristics and energy absorption. <i>International Journal of Mechanical Sciences</i>, 246, 108102, WOS:000935277200001.</p> <p><a href="#">Dovada</a></p>	6,66 p
		<p>28. Forés-Garriga, A., Gómez-Gras, G., &amp; Pérez, M. A. (2023). Additively manufactured three-dimensional lightweight cellular solids: Experimental and numerical analysis. <i>Materials &amp; Design</i>, 226, 111641, WOS:000975975900001.</p> <p><a href="#">Dovada</a></p>	6,66 p

		<p>29. Vyavahare, S., Teraiya, S., &amp; Kumar, S. (2023). Machine Learning and Regression Analysis Approaches for Investigation of Mechanical Properties of FDM Manufactured Re-Entrant Auxetic Structures Under Flexural Loading. Journal of Advanced Manufacturing Systems, 22(04), 715-739, WOS:000923371000001.</p> <p><a href="#">Dovada</a></p>	6,66 p
		<p>30. Vyavahare, S., Teraiya, S., &amp; Kumar, S. (2023). FDM manufactured auxetic structures: An investigation of mechanical properties using machine learning techniques. International Journal of Solids and Structures, 265, 112126, WOS:000925921700001.</p> <p><a href="#">Dovada</a></p>	6,66 p
		<p>31. Nagata, K., Muromachi, K., Kouzai, Y., Inaba, K., Inoue, E., Fuchigami, K., ... &amp; Kawana, H. (2023). Fit accuracy of resin crown on a dental model fabricated using fused deposition modeling 3D printing and a polylactic acid filament. Journal of Prosthodontic Research, 67(1), 144-149, WOS:000923291900021.</p> <p><a href="#">Dovada</a></p>	6,66 p

			<p>32. Faidallah, R. F., Hanon, M. M., Szakál, Z., &amp; Oldal, I. (2023). Study of the Mechanical Characteristics of Sandwich Structures FDM 3D-printed. Acta Polytechnica Hungarica, 20(6), 7-26, WOS:001000120500001.</p> <p><a href="#">Dovada</a></p>	6,66 p
			<p>33. Sahu, S. K., Sreekanth, P. R., &amp; Reddy, S. K. (2022). A brief review on advanced sandwich structures with customized design core and composite face sheet. Polymers, 14(20), 4267, WOS:000873664700001.</p> <p><a href="#">Dovada</a></p>	6,66 p
			<p>34. Han, X., Cai, H., Sun, J., Wei, Z., Huang, Y., &amp; Wang, A. (2022). Numerical studies on failure mechanisms of all-composite sandwich structure with honeycomb core under compression and impact loading conditions. Polymers, 14(19), 4047, WOS:000867323800001.</p> <p><a href="#">Dovada</a></p>	6,66 p

			<p>35. Vusa, V. R., Budarapu, P. R., &amp; Rabczuk, T. (2023). Crash-worthiness studies on multistage stiffened honeycomb core sandwich structures under dynamic impact loads. <i>International journal of crashworthiness</i>, 28(5), 693-710, WOS:000857151000001.</p> <p><a href="#">Dovada</a></p>	6,66 p
			<p>36. Nazir, A., Gohar, A., Lin, S. C., &amp; Jeng, J. Y. (2023). Flexural properties of periodic lattice structured lightweight cantilever beams fabricated using additive manufacturing: experimental and finite element methods. <i>3D Printing and Additive Manufacturing</i>, 10(6), 1381-1393, WOS:000841445900001.</p> <p><a href="#">Dovada</a></p>	6,66 p
			<p>37. Lin, Z. H., Pan, J. H., &amp; Li, H. Y. (2022). Mechanical strength of triply periodic minimal surface lattices subjected to three-point bending. <i>Polymers</i>, 14(14), 2885., WOS:000833748500001.</p> <p><a href="#">Dovada</a></p>	6,66 p

			<p>38. Geramizadeh, H., Dariushi, S., &amp; Salami, S. J. (2022). Optimal face sheet thickness of 3D printed polymeric hexagonal and re-entrant honeycomb sandwich beams subjected to three-point bending. <i>Composite Structures</i>, 291, 115618, WOS:000797210100003.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
			<p>39. Irfan, M. S., Patel, S., Umer, R., Ali, M. A., &amp; Dong, Y. (2022). Thermal and morphological analysis of various 3D printed composite honeycomb cores. <i>Composite Structures</i>, 290, 115517, WOS:000805981600002.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
			<p>40. Nath, S. D., &amp; Nilufar, S. (2022). Performance evaluation of sandwich structures printed by vat photopolymerization. <i>Polymers</i>, 14(8), 1513, WOS:000786993200001.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
			<p>41. Neubauer, M., Dannemann, M., Herzer, N., Schwarz, B., &amp; Modler, N. (2022). Analysis of a film forming process through coupled image correlation and infrared thermography. <i>Polymers</i>, 14(6), 1231, WOS:</p>	6,66 p

			000774392600001. <a href="#">Dovada</a>	
			42. Atakok, G., Kam, M., & Koc, H. B. (2022). A review of mechanical and thermal properties of products printed with recycled filaments for use in 3D printers. Surface Review and Letters, 29(02), 2230002, WOS:000760664700012. <a href="#">Dovada</a>	6,66 p
			43. Najafi, M., Ahmadi, H., & Liaghat, G. (2022). Investigation on the flexural properties of sandwich beams with auxetic core. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 44(2), 61, WOS:000749190400001. <a href="#">Dovada</a>	6,66 p
			44. Du Plessis, A., Razavi, N., Benedetti, M., Murchio, S., Leary, M., Watson, M., ... & Berto, F. (2022). Properties and applications of additively manufactured metallic cellular materials: A review. Progress in Materials Science, 125, 100918, WOS:000748416100002. <a href="#">Dovada</a>	6,66 p

			<p>45. Czerwinski, F. (2021). Current trends in automotive lightweighting strategies and materials. <i>Materials</i>, 14(21), 6631, WOS:000719056100001.</p> <p><a href="#">Dovada</a></p>	6,66 p
			<p>46. Kladovasilakis, N., Charalampous, P., Tsongas, K., Kostavelis, I., Tzetzis, D., &amp; Tzouvaras, D. (2021). Experimental and computational investigation of lattice sandwich structures constructed by additive manufacturing technologies. <i>Journal of Manufacturing and Materials Processing</i>, 5(3), 95, WOS:000702344800001.</p> <p><a href="#">Dovada</a></p>	6,66 p
			<p>47. Pozorski, Z., Pozorska, J., Kreja, I., &amp; Smakosz, Ł. (2021). On wrinkling in sandwich panels with an orthotropic core. <i>Materials</i>, 14(17), 5043, WOS:000694320900001.</p> <p><a href="#">Dovada</a></p>	6,66 p



		<p>48. Beloshenko, V., Beygelzimer, Y., Chishko, V., Savchenko, B., Sova, N., Verbylo, D., ... &amp; Vozniak, I. (2021). Mechanical properties of flexible tpu-based 3d printed lattice structures: Role of lattice cut direction and architecture. Polymers, 13(17), 2986, WOS: 000694390500001.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
		<p>49. Al-Fatlawi, A., Jármai, K., &amp; Kovács, G. (2021). Optimization of a totally fiber-reinforced plastic composite sandwich construction of helicopter floor for weight saving, fuel saving and higher safety. Polymers, 13(16), 2735, WOS: 000689917000001.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
		<p>50. Meng, H., Huang, X., Chen, Y., Theodossiades, S., &amp; Chronopoulos, D. (2021). Structural vibration absorption in multilayered sandwich structures using negative stiffness nonlinear oscillators. Applied Acoustics, 182, 108240, WOS:000687528600027.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p

		<p>51. de Castro, B. D., Magalhães, F. D. C., Panzera, T. H., &amp; Campos Rubio, J. C. (2021). An assessment of fully integrated polymer sandwich structures designed by additive manufacturing. <i>Journal of Materials Engineering and Performance</i>, 30, 5031-5038, WOS:000628196700001.</p> <p><a href="#">Dovada</a></p>	6,66 p
		<p>52. Rahman, H., Yarali, E., Zolfagharian, A., Serjouei, A., &amp; Bodaghi, M. (2021). Energy absorption and mechanical performance of functionally graded soft–hard lattice structures. <i>Materials</i>, 14(6), 1366, WOS:000640032400001.</p> <p><a href="#">Dovada</a></p>	6,66 p
		<p>53. Al-Fatlawi, A., Jármai, K., &amp; Kovács, G. (2021). Optimal design of a fiber-reinforced plastic composite sandwich structure for the base plate of aircraft pallets in order to reduce weight. <i>Polymers</i>, 13(5), 834, WOS:000628444300001.</p> <p><a href="#">Dovada</a></p>	6,66 p

			54. Kovalcik, A. (2021). Recent advances in 3D printing of polyhydroxyalkanoates: a review. The EuroBiotech Journal, 5(1), 48-55, WOS:000613126700008. <a href="#">Dovada</a>	6,66 p
			55. Khan, M. S., Abdul-Latif, A., Kolor, S. S. R., Petrú, M., & Tamin, M. N. (2020). Representative cell analysis for damage-based failure model of polymer hexagonal honeycomb structure under the out-of-plane loadings. Polymers, 13(1), 52, WOS:000606090700001. <a href="#">Dovada</a>	6,66 p
			56. Ayrlmis, N., Nagarajan, R., & Kuzman, M. K. (2020). Effects of the face/core layer ratio on the mechanical properties of 3D printed wood/polylactic acid (PLA) green biocomposite panels with a gyroid core. Polymers, 12(12), 2929, WOS:000602487000001. <a href="#">Dovada</a>	6,66 p
		<b>Zaharia, S.M., (2019).</b> The methodology of fatigue lifetime prediction and validation based on accelerated reliability testing of the rotor pitch links, Eksploatacja i	57. Edward, K., Anna, B., Tadeusz, S., Andrzej, Ś., & Leszek, G. (2021). Predicting the Fatigue Life of a Ball Joint. Transport and Telecommunication Journal, 22(4), 453-460,	20,00 p

		Niezawodnosc – Maintenance and Reliability, vol. 21, nr. 4, pag. 638–644, ISSN: 1507-2711, FI 1,525, WOS:000486626700012.	WOS:000729174100007. <a href="#">Dovada</a>	
			58. Woo, S. W., Matvienko, Y. G., O'Neal, D. L., & Atnaw, S. M. (2021). Improving lifetime of domestic compressor subjected to repeated pressure loading. Engineering Failure Analysis, 128, 105581, WOS:000691903900003. <a href="#">Dovada</a>	20,00 p
			59. Woo, S., O'Neal, D. L., Woldemichael, D. E., Atnaw, S. M., & Tulu, M. M. (2021). Improving the fatigue of newly designed mechanical system subjected to repeated impact loading. Metals, 11(1), 139, WOS:000610496900001. <a href="#">Dovada</a>	20,00 p
		Pascariu, I.S., Zaharia, S.M., (2020). Design and Testing of an Unmanned Aerial Vehicle Manufactured by Fused Deposition Modeling, Journal of Aerospace Engineering, vol. 33, nr.4, 06020002, ISSN: 0893-1321, FI 1,904 (zona galbenă), WOS:000536130300006.	60. Krznar, N., Piljek, P., & Keran, Z. (2023). Multicopter UAV Design and Development–Case Study. Tehnički glasnik, 17(4), 588-593, WOS:001144629000001. <a href="#">Dovada</a>	10,00 p
			61. Patti, A., Acierno, S., Cicala, G., & Acierno, D. (2022). Predicting the printability of poly (Lactide) acid filaments in fused deposition modeling (FDM) technology: rheological measurements and experimental evidence.	10,00 p

			ChemEngineering, 7(1), 1, WOS: 000939262900001. <a href="#">Dovada</a>	
			62. Allum, J., Moetazedian, A., Gleadall, A., Mitchell, N., Marinopoulos, T., McAdam, I., ... & Silberschmidt, V. V. (2023). Extra-wide deposition in extrusion additive manufacturing: A new convention for improved interlayer mechanical performance. Additive Manufacturing, 61, 103334, WOS: 000895555300003. <a href="#">Dovada</a>	10,00 p
			63. Moetazedian, A., Allum, J., Gleadall, A., Mele, E., & Silberschmidt, V. V. (2021). MaTrEx AM: a new hybrid additive manufacturing process to selectively control mechanical properties. Additive Manufacturing, 47, 102337, WOS:000707765100001. <a href="#">Dovada</a>	10,00 p
			64. Guo, H., Li, M., Sun, P., Zhao, C., Zuo, W., & Li, X. (2021). Lightweight and maintainable rotary-wing UAV frame from configurable design to detailed design. Advances in Mechanical Engineering, 13(7),	10,00 p

			16878140211034999, WOS: 000690904700001. <a href="#">Dovada</a>	
	Zaharia, S.M., Pop, M.A., Udriou, R., (2020). Reliability and Lifetime Assessment of Glider Wing's Composite Spar through Accelerated Fatigue Life Testing, Materials, vol. 13, 2310, ISSN: 1996-1944, FI 3,623 (zona roșie), WOS:000539277000102.		65. Guo, A., Li, S., Wang, S., Zhai, Z., Qu, P., Guo, S., ... & Liu, C. Novel triply periodic minimal surfaces sandwich structures: Mechanical performance and failure analysis. Polymer Composites, WOS:001232118200001. <a href="#">Dovada</a>	6,66 p
			66. Gao, J. X., Heng, F., Yuan, Y. P., & Liu, Y. Y. (2023). Fatigue reliability analysis of composite material considering the growth of effective stress and critical stiffness. Aerospace, 10(9), 785, WOS:001078851500001. <a href="#">Dovada</a>	6,66 p
			67. Hashemi, M., Hatami, O., & Tajbakhsh, M. R. (2024). Investigation of the performance of the structure and energy absorption in sandwich panels of PLA/TPU manufactured by the FFF technique. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 238(3), 416-429, WOS:001036238100001. <a href="#">Dovada</a>	6,66 p

		<p>68. Stanisavljević, G., Golubović Matić, D., Komnenović, M., Vasović Maksimović, I., &amp; Flajs, Ž. (2023). Numerical and Experimental Study on Loading Behavior of Facade Sandwich Panels. Buildings, 13(6), 1554, WOS:001014279200001.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
		<p>69. Faidallah, R. F., Hanon, M. M., Szakál, Z., &amp; Oldal, I. (2023). Study of the Mechanical Characteristics of Sandwich Structures FDM 3D-printed. Acta Polytechnica Hungarica, 20(6), 7-26, WOS:001000120500001.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
		<p>70. Li, Y., &amp; Zhang, D. (2021). Local stress distributions in fiber-reinforced composites with consideration of thermal stresses during the curing process. Mechanics of Composite Materials, 57, 675-686, WOS:000721412300001.</p> <p style="text-align: right;"><a href="#">Dovada</a></p>	6,66 p
		<p>71. Kladovasilakis, N., Charalampous, P., Tsongas, K., Kostavelis, I., Tzetzis, D., &amp; Tzouvaras, D. (2021). Experimental and computational investigation of lattice</p>	6,66 p

			sandwich structures constructed by additive manufacturing technologies. Journal of Manufacturing and Materials Processing, 5(3), 95, WOS:000702344800001. <a href="#">Dovada</a>	
3.1.2 Citări ISI fără factor de impact				
				0 p
3.1.3 Citări în articole indexate BDI				
10/nr. autori art. citat	<b>Articol citat</b>	<b>Articol care citează</b>		
	<b>Zaharia, S.M.,</b> Martinescu, I., (2009). Theoretical and experimental researches using accelerated life testing in aerospace industry, Pollack Periodica, vol. 4, nr. 2, pag. 117-122, indexat în baza de date: SCOPUS.	1. Pasquale, G., (2010). On the mechanics of microsystems, Pollack Periodica, vol. 5, nr. 1, pag. 137-149, indexat în baza de date: SCOPUS. <a href="#">Dovada</a>		5,00 p
	Morariu C.O., <b>Zaharia S.M.,</b> A New Method for Determining the Reliability Testing Period Using Weibull Distribution, Acta Polytechnica Hungarica, ISSN 1785-8860, Vol 10, No. 7, 2013, pag. 171-186.	2. Pokorádi, L. (2016). Availability assessment with Monte-Carlo simulation of maintenance process model, UPB Scientific Bulletin, Series D: Mechanical Engineering, vol. 78, nr. 3, pag. 43-54, indexat în baza de date: SCOPUS. <a href="#">Dovada</a>		5,00 p



			3. Ding, F., Wang, Q., Zhang, L., Wang, C. (2017). Support vector machine for hydraulic support reliability prediction, Jixie Qiangdu/Journal of Mechanical Strength, vol. 39, nr. 3, pag. 603-607, indexat în baza de date: SCOPUS.  <a href="#">Dovada</a>	5,00 p
		<b>Zaharia, S.M.</b> , Morariu, C.O., Nedelcu, A., Pop, M.A., (2017). Experimental Study of Static and Fatigue Behavior of CFRP-Balsa Sandwiches under Three-point Flexural Loading, BioResources, vol. 12, nr. 2, pag. 2673 – 2689.	4. Engel, B., Al-Maeni, S.S.H. (2018). Fe analysis and experimental determination of a shaft deflection under three-point loading, Vibroengineering Procedia, vol. 19, pag. 199-204, indexat în baza de date: SCOPUS.  <a href="#">Dovada</a>	2,50 p
		<b>Zaharia S.M.</b> , Martinescu I., Morariu C.O., (2012). Life time prediction using accelerated test data of the specimens from mechanical element, Eksploatacja i Niezawodnosc – Maintenance and Reliability, vol. 14, nr. 2, pag. 99-10.	5. Yin, Y., Huang, H, Liu, Z. (2019). Imprecise Probability Method with the Power-Normal Model for Accelerated Life Testing, Journal of Shanghai Jiaotong University, vol. 24, nr. 6, pag. 805-810, indexat în baza de date: SCOPUS.  <a href="#">Dovada</a>	3,33 p

			6. Niknafs, H., Faridkhah, M., Kazemi, C. (2018). Analytical approach to product reliability estimation: A case study of automotive clutch system, International Journal of Quality Engineering and Technology, vol. 7, nr. 2, pag. 108-127, indexat în baza de date: SCOPUS. <a href="#">Dovada</a>	3,33 p
			7. Niknafs, H., Faridkhah, M., Kazemi, C. (2018). Analytical approach to product reliability estimation based on life test data for an automotive clutch system, Mechanics and Mechanical Engineering, vol. 22, nr. 4, pag. 845-863, indexat în baza de date: SCOPUS. <a href="#">Dovada</a>	3,33 p
		<b>Zaharia, S.M.,</b> Morariu C.O., (2015). Simulation and Analysis of the Milling Machines Reliability Using the Monte Carlo Method, Research and Science Today nr. 2, pag. 105-113, indexat în baza de date: EBSCO, ProQuest.	8. Lu, C., Liu, S. (2017). An intelligent assessment method of contact fatigue reliability for rolling bearing under EHL, International Journal of Performability Engineering, vol. 13, nr. 5, pag. 587-597, indexat în baza de date: SCOPUS. <a href="#">Dovada</a>	5,00 p
		<b>Zaharia, S.M.,</b> (2015). Fatigue life simulation of the specimens made of mechanical component, Scientific	9. Sivaranjani, T., Abhirama, K., Manjuprasad, M. (2018). Probabilistic fatigue life estimation of plate with multiple stress concentration	10,00 p

		Research & Education in the Air Force – AFASES 2016, vol. 2, pag. 531-534, indexat în baza de date: EBSCO.	zones, Lecture Notes in Mechanical Engineering, 2018, pag. 307-322, indexat în baza de date: SCOPUS.  <a href="#">Dovada</a>	
		<b>Zaharia, S.M.,</b> Ștefăneanu, R.I., (2016). Design and manufacturing process for a ballistic missile, Scientific Bulletin of the Nicolae Balcescu Land Forces Academy, nr. 2, pag. 140-146, indexat în baza de date: EBSCO, ProQuest.	10. Yang, C., Wu, J., Liu, G., Zhang, Y. (2018). Ballistic Missile Maneuver Penetration Based on Reinforcement Learning, 2018 IEEE CSAA Guidance, Navigation and Control Conference, CGNCC 2018, Xiamen, China, indexat în baza de date: SCOPUS, IEEE Xplore.  <a href="#">Dovada</a>	5,00 p
		<b>Zaharia, S.M.,</b> (2016). The analysis and development of a maintenance programme for the fuel system, Research and Science Today Journal, nr. 2, pag. 105-113, indexat în baza de date: EBSCO, ProQuest.	11. Pujangkoro, S., Wahyuni, D., Panama, J. (2019), Evaluating Working Time and Work Capacity of Aircraft Cabin Line Maintenance Services, IOP Conference Series: Materials Science and Engineering, vol. 505, nr. 1, article number 012021, indexat în baza de date: SCOPUS.  <a href="#">Dovada</a>	10,00 p
			12. Haider, S. (2019). Overview of prognostics and health management for landing gear maintenance, Proceedings - Annual Reliability and Maintainability Symposium, nr. articol 8768977, indexat în baza de date: SCOPUS,	10,00 p

			IEEE Xplore.		<a href="#">Dovada</a>	
<b>3.2 Prezentări în plenumul unor manifestări științifice naționale și internaționale</b>						
Număr de prezentări	3.2.1 Internaționale					
	20		—		0 p	
	3.2.2 Naționale					
	10		—		0 p	
<b>3.3 Profesor invitat, în cadrul acordurilor academice internaționale și programelor de colaborare cu instituții și firme internaționale, inclusiv programele Erasums + (predare)</b>						
	30		—		0 p	
<b>3.4 (a) Membru în colectivele de redacție sau comitete științifice ale revistelor sau manifestărilor științifice. Organizator de manifestări științifice/ Recenzor</b>						
	3.4.1 Reviste ISI cu factor de impact					
	3.4.1.1 Membru în comitetul științific/editor					
	15		—		0 p	
	3.4.1.2 Recenzor					
	10/articol recenzat	1. Membru în Comitetul de recenzori al revistei Reliability Engineering & System Safety, ISSN 0951-8320 (2 articole recenzate), <a href="https://www.journals.elsevier.com/reliability-engineering-and-system-safety">https://www.journals.elsevier.com/reliability-engineering-and-system-safety</a>			20,00 p	<a href="#">Dovada</a>
		2. Membru în Comitetul de recenzori al revistei Acta Polytechnica Hungarica, ISSN 1785-8860 (1 articol recenzat), <a href="http://acta.uni-obuda.hu/">http://acta.uni-obuda.hu/</a>			10,00 p	<a href="#">Dovada</a>
	3. Membru în Comitetul de recenzori al revistei Solar Energy (2 articole recenzate), ISSN 0038-092X, <a href="https://www.journals.elsevier.com/solar-energy">https://www.journals.elsevier.com/solar-energy</a>			20,00 p		

		<u>Dovada</u>	
		4. Membru în Comitetul de recenzori al revistei Additive Manufacturing, ISSN 2214-8604 (3 articole recenzate), <a href="https://www.journals.elsevier.com/additive-manufacturing">https://www.journals.elsevier.com/additive-manufacturing</a>	30,00 p
		<u>Dovada</u>	
		5. Membru în Comitetul de recenzori al revistei Tehnički vjesnik – Technical Gazette (TV-TG) (1 articol recenzat), ISSN 1330-3651, <a href="http://www.tehnicki-vjesnik.com/web/public/page">http://www.tehnicki-vjesnik.com/web/public/page</a>	10,00 p
		<u>Dovada</u>	
		6. Membru în Comitetul de recenzori al revistei Journal of Marine Science and Engineering (2 articole recenzate), ISSN 1679-7817, <a href="https://www.mdpi.com/journal/jmse">https://www.mdpi.com/journal/jmse</a>	20,00 p
		<u>Dovada</u>	
		7. Membru în Comitetul de recenzori al revistei Metals, ISSN 2075-4701 (11 articole recenzate), <a href="https://www.mdpi.com/journal/metals">https://www.mdpi.com/journal/metals</a>	110,00 p
		<u>Dovada</u>	
		8. Membru în Comitetul de recenzori al revistei Materials, ISSN 1996-1944 (38 de articole recenzate), <a href="https://www.mdpi.com/journal/materials">https://www.mdpi.com/journal/materials</a>	380,00 p
		<u>Dovada</u>	
		9. Membru în Comitetul de recenzori al revistei Coatings, ISSN 2079-6412 (7 articole recenzate), <a href="https://www.mdpi.com/journal/coatings">https://www.mdpi.com/journal/coatings</a>	70,00 p
		<u>Dovada</u>	
		10. Membru în Comitetul de recenzori al revistei Applied Sciences (6 articole recenzate), ISSN 2076-3417, <a href="https://www.mdpi.com/journal/applsci">https://www.mdpi.com/journal/applsci</a>	60,00 p
		<u>Dovada</u>	

		<p>11. Membru în Comitetul de recenzori al revistei Materials Research - Ibero-american Journal of Materials (1 articol recenzat), ISSN 1516-1439, <a href="https://www.scielo.br/scielo.php?script=sci_arttext&amp;pid=S1516-14392008000300001">https://www.scielo.br/scielo.php?script=sci_arttext&amp;pid=S1516-14392008000300001</a></p> <p style="text-align: right;"><u>Dovada</u></p>	10,00 p
		<p>12. Membru în Comitetul de recenzori al revistei Biomass Conversion and Biorefinery, ISSN 2190-6815 (1 articol recenzat), <a href="https://link.springer.com/journal/13399">https://link.springer.com/journal/13399</a></p> <p style="text-align: right;"><u>Dovada</u></p>	10,00 p
		<p>13. Membru în Comitetul de recenzori al revistei BioResources (1 articol recenzat), ISSN 1930-2126, <a href="https://bioresources.cnr.ncsu.edu/">https://bioresources.cnr.ncsu.edu/</a></p> <p style="text-align: right;"><u>Dovadă</u></p>	10,00 p
		<p>14. Membru în Comitetul de recenzori al revistei Engineering Fracture Mechanics, ISSN 0013-7944 (1 articol recenzat), <a href="https://www.sciencedirect.com/journal/engineering-fracture-mechanics">https://www.sciencedirect.com/journal/engineering-fracture-mechanics</a></p> <p style="text-align: right;"><u>Dovadă</u></p>	10,00 p
		<p>15. Membru în Comitetul de recenzori al revistei Engineering Structures, ISSN 0141-0296 (2 articole recenzate), <a href="https://www.sciencedirect.com/journal/engineering-structures">https://www.sciencedirect.com/journal/engineering-structures</a></p> <p style="text-align: right;"><u>Dovadă</u></p>	20,00 p
		<p>16. Membru în Comitetul de recenzori al revistei Ingeniería e Investigación, ISSN 2248-8723 (1 articol recenzat), <a href="https://revistas.unal.edu.co/index.php/ingainv/about">https://revistas.unal.edu.co/index.php/ingainv/about</a></p> <p style="text-align: right;"><u>Dovada</u></p>	10,00 p
		<p>17. Membru în Comitetul de recenzori al revistei Journal of Natural Fibers, ISSN 1544-0478 (1 articol recenzat), <a href="https://www.tandfonline.com/journals/wjnf20">https://www.tandfonline.com/journals/wjnf20</a></p>	10,00 p

		<a href="#">Dovada</a>	
		18. Membru în Comitetul de recenzori al revistei Journal of Aerospace Engineering, ISSN 0893-1321 (2 articole recenzate), <a href="https://ascelibrary.org/journal/jaeetz">https://ascelibrary.org/journal/jaeetz</a>	20,00 p
		<a href="#">Dovada</a>	
		19. Membru în Comitetul de recenzori al revistei Journal of Manufacturing and Materials Processing (1 articol recenzat), ISSN 2504-4494, <a href="https://www.mdpi.com/journal/jmmp">https://www.mdpi.com/journal/jmmp</a>	10,00 p
		<a href="#">Dovada</a>	
		20. Membru în Comitetul de recenzori al revistei Journal of Composites Science, ISSN 2504-477X (1 articol recenzat), <a href="https://www.mdpi.com/journal/jcs">https://www.mdpi.com/journal/jcs</a>	10,00 p
		<a href="#">Dovada</a>	
		21. Membru în Comitetul de recenzori al revistei Polymers, ISSN 2073-4360 (18 articole recenzate), <a href="https://www.mdpi.com/journal/polymers">https://www.mdpi.com/journal/polymers</a>	180,00 p
		<a href="#">Dovada</a>	
		22. Membru în Comitetul de recenzori al revistei Aerospace, ISSN 2226-4310 (1 articol recenzat), <a href="https://www.mdpi.com/journal/aerospace">https://www.mdpi.com/journal/aerospace</a>	10,00 p
		<a href="#">Dovada</a>	
		23. Membru în Comitetul de recenzori al revistei Journal of Functional Biomaterials, ISSN 2079-4983 (1 articol recenzat), <a href="https://www.mdpi.com/journal/jfb">https://www.mdpi.com/journal/jfb</a>	10,00 p
		<a href="#">Dovada</a>	
	3.4.2 Reviste ISI fără factor de impact/proceedings ISI		
	3.4.2.1 Membru în comitetul științific		
	10	—	0 p
	3.4.2.2 Recenzor		

	5/articol recenzat	1. Membru în comitetul de organizare și recenzor la <i>International Conference Computing and Solutions in Manufacturing Engineering – CoSME '16</i> , November 3÷4, Brașov, Romania, 2016, <b>10 articole recenzate</b> , <a href="http://old.unitbv.ro/cosme16/en/index.html">http://old.unitbv.ro/cosme16/en/index.html</a> <a href="#">Dovada</a>	50,00 p
		2. Membru în comitetul de organizare și recenzor la <i>The 3rd China-Romania Science and Technology Seminar CRSTS 2018</i> , 24-27 April 2018, Brașov, Romania, <b>3 articole recenzate</b> , <a href="http://old.unitbv.ro/crsts2018/Home.aspx">http://old.unitbv.ro/crsts2018/Home.aspx</a> <a href="#">Dovada</a>	15,00 p
3.4.3 Reviste / manifestări științifice indexate			
3.4.3.1 Membru în comitetul științific/editor			
	8	—	
3.4.3.2 Recenzor			
	2/ articol recenzat	1. Membru în Comitetul de recenzori al revistei Engineering, Technology & Applied Science Research (ETASR), ISSN 2241-4487 <a href="https://www.etasr.com/index.php/ETASR/index">https://www.etasr.com/index.php/ETASR/index</a> <a href="#">Dovada</a>	2,00 p
		2. Membru în Comitetul de recenzori al revistei International Journal of Modelling and Simulation, ISSN: 0228-6203 <a href="https://www.tandfonline.com/action/journalInformation?journalCode=tjms20">https://www.tandfonline.com/action/journalInformation?journalCode=tjms20</a> <a href="#">Dovada</a>	2,00 p
3.4.4 Reviste/manifestări științifice neindexate			



	3.4.4.1 Membru în comitetul științific/editor		
	5	—	0 p
	3.4.4.2 Recenzor		
	1/articol recenzat	1. Membru în comitetul de recenzori WSEAS Conferences , <b>11 articole recenzate</b> <a href="https://www.wseas.org/cms.action?id=4">https://www.wseas.org/cms.action?id=4</a>  <b>Dovada</b>	11,00 p
<b>3.5 Experiență de management, analiză și evaluare în cercetare și/sau învățământ</b>			
	3.5.1 Organizații internaționale		
	3.5.1.1 Conducere		
	10 ani desfășurare	—	0 p
	3.5.1.2 Membru/evaluator		
	5 ani desfășurare	—	0 p
	3.5.2 Organizații naționale		
	3.5.2.1 Conducere		
	5 ani desfășurare	—	0 p
	3.5.2.2 Membru/evaluator		
	2 ani desfășurare	1. Membru în consiliul departamentului de Ingineria fabricației, 2016 – prezent, <a href="https://itmi.unitbv.ro/despre/ingineria-fabrica%C8%9Biei.html">https://itmi.unitbv.ro/despre/ingineria-fabrica%C8%9Biei.html</a>  <b>Dovada</b>	14,00 p
<b>3.6 Referent în comisii de doctorat / abilitare; Membru în echipe de îndrumare doctorat</b>			
	3.6.1 Internațional		

	10 puncte	—	0 p
	3.6.2. Național		
	5 puncte	—	0 p
<b>3.7 Premii/distincții</b>			
	3.7.1 Academia Română		
	30	—	0 p
	3.7.2 Academii de ramură și CNCSIS		
	15	—	0 p
	3.7.3 Premii internaționale în domeniu		
	10	1. Best Paper Award, secțiunea Quality Engineering and Reliability, la THE 4 <sup>th</sup> INTERNATIONAL CONFERENCE ON COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING, anul de acordare 2016.	10,00 p
		2. Best Paper Award, secțiunea Additive Manufacturing and Non-conventional Technologies, la THE 4 <sup>th</sup> INTERNATIONAL CONFERENCE ON COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING, anul de acordare 2016. <a href="#">Dovada</a>	10,00 p
	3.7.4 Premii naționale în domeniu		
	5	—	0 p
<b>3.8 Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării</b>			
	3.8.1 Academia Română		

	100	—	0 p
3.8.2 Academii de ramură			
	30	—	0 p
3.8.3 Conducere asociații profesionale			
3.8.3.1 Internaționale			
	30	—	0 p
3.8.3.2 Naționale			
	15	—	0 p
3.8.4 Membru în asociații profesionale			
3.8.4.1 Internaționale			
	10	1. The Polish Safety and Reliability Association (PSRA), <a href="http://ptbn.pl/psra/">http://ptbn.pl/psra/</a> <span style="float: right;">Dovada</span>	10,00 p
		2. Society of Reliability Engineers (SRE), <a href="http://www.sre.org/">http://www.sre.org/</a> <span style="float: right;">Dovada</span>	10,00 p
		3. International Association of Computer Science and Information Technology (IACSIT) <a href="http://www.iacsit.org/">http://www.iacsit.org/</a> <span style="float: right;">Dovada</span>	10,00 p
		4. International Association of Engineers (IAENG), <a href="http://www.iaeng.org/">http://www.iaeng.org/</a> <span style="float: right;">Dovada</span>	10,00 p
3.8.4.2 Naționale			

5	1. Asociația Universitară de Ingineria Fabricației – AUIF, <a href="http://www.auif.utcluj.ro/en/members-tm.html">http://www.auif.utcluj.ro/en/members-tm.html</a>	Dovada	5,00 p
	2. Asociația Română de Tribologie – ART	Dovada	5,00 p
	3. Asociația Română de Mecanica Ruperii – ARMR	Dovada	5,00 p
3.8.5 Organizații în domeniul educației și cercetării			
3.8.5.1 Conducere			
15	—		0 p
3.8.5.2 Membru			
10	—		0 p
Total punctaj pentru activitatea recunoașterea performanțelor profesionale și impactul activității (A3):			1803,66 p

### Condiții minimale privind punctajul

Nr. crt.	Domeniul de activitate	Condiții minimale pentru Profesor	Punctaj realizat
1.	Activitatea didactică și profesională (A1)	180 puncte	295,25 puncte
2.	Activitatea de cercetare (A2)	200 puncte	1248,01 puncte
3.	Recunoașterea impactului activității (A3)	100 puncte	1803,66 puncte
TOTAL		480 puncte	3346,92 puncte

Domeniul fundamental: Științe Inginerești

Domeniul: Inginerie aerospațială, autovehicule și transporturi

**Centralizator de îndeplinire a  
Standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice  
din învățământul superior și a gradelor profesionale de cercetare - dezvoltare  
PROFESOR**

Domeniul de activitate	Condiții minime Profesor	Realizat
1. Activitatea didactică și profesională (A1)	<b>Minimum 180 puncte</b>	<b>295,25 puncte</b>
	1.1 Cărți și capitole în cărți de specialitate <b>Profesor: Minimum 4</b>	<b>4 cărți (3 prim autor)</b>
	1.2 Materiale didactice/ lucrări didactice	
	1.2.1 Manuale didactice/monografii <b>Profesor: Minimum 2</b> <b>1 prim autor</b>	<b>2 manuale didactice (2 prim autor)</b>
	1.2.2 Îndrumare de laborator/aplicații <b>Profesor: Minimum 2</b> <b>1 prim autor</b>	<b>3 îndrumare de laborator/aplicații (3 prim autor)</b>
2. Activitatea de cercetare științifică (A2)	<b>Minimum 200 puncte</b>	<b>1248,01 puncte</b>
	2.1 Articole în extenso în reviste cotate ISI, proceedings indexate ISI Thomson Reuters sau SAE <b>Profesor: Minimum 11 articole sau 60 de puncte</b>	<b>45 articole în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters; 713,67 puncte</b>

	2.3 Articole publicate în reviste naționale și volumele unor manifestări științifice indexate în BDI recunoscute de comisia CNATDCU	
	<b>Profesor: Minimum 30 puncte, minimum 5 articole</b>	40 articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale 437,84 puncte
	2.5 Granturi/proiecte câștigate prin competiție / de cercetare/ consultanță pentru mediul economic.	
	<b>Profesor: Director/ Responsabil - Minimum 2 granturi sau val. contracte cu mediul economic minimum 200.000 lei</b>	3 proiecte câștigate prin competiție în calitate de director
3. Recunoașterea performanțelor profesionale și impactului activității (A3)	<b>Minimum 100 puncte</b>	1803,66 puncte

Conf. dr. ing. ZAHARIA Sebastian – Marian

25.06.2024

