

AVIZAT,

Director CSUD,

Prof. dr. ing. Eugen Victor Cristian RUSU

**FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE**  
în vederea obținerii atestatului de abilitare

**Domeniul de abilitare solicitat: Științe inginerești / Inginerie mecanică**

Doctor în științe în domeniul: Științe inginerești / Inginerie mecanică

Standardele minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare-dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare conform Ordinului ministrului Educației Naționale și Cercetării Științifice nr. 6.129/20.12.2016 (Anexa nr. 17 – Comisia inginerie mecanică, mecatronică și robotică)

Nr.	Domeniul activităților	Rezultatele activităților	Subcategorii		Indicatori	Punctaj		
						Minim	Realizat	
1	Activitatea didactică și profesională DID (A1)	Manuale suport de curs	A1.1	Format tipărit/electronic <sup>(2)</sup> (min. 100 pag.)	Coordonator/ prim autor	N1.1 = număr	1	6
					Co-autor	N1.2 = număr	-	1
						$N1=N1.1+N1.2$	2	7
			Format electronic disponibil pe platforma universității (autor)		N1.3 = număr	1	7	
		Material didactic /Dezvoltare laboratoare, aplicații	A1.2	Standuri laborator (construcție/modernizări) certificate de directorul de departament		N2.1 = număr	2	11
				Îndrumar laborator/carte aplicații format tipărit sau electronic (autor, co-autor)		N2.2 = număr	-	11
Aplicație informatică educațională				N2.3 = număr	-	-		
		$N2=N2.1+N2.2+N2.3$	4	22				
2	Activitate de cercetare științifică dezvoltare tehnologică și inovare CDI (A2)	Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS) <sup>(3)</sup> , unde n= nr.de autori și FI este factorul de impact <sup>(4)</sup>	A2.1	Autor corespondent/ prim autor	$n \leq 3$	$P1.1 = 2 \cdot (0,2 + FI)$	-	12,560
					$n \geq 4$	$P1.2 = 2 \cdot 3 \cdot (0,2 + FI)/n$	-	0
				Co-autor	$n \leq 3$	$P1.3 = 0,2 + FI$	-	0
					$n \geq 4$	$P1.4 = 3 \cdot (0,2 + FI)/n$	-	0
				$P1 = P1.1 + P1.2 + P1.3 + P1.4$	6	12,560		
		Articole și publicații științifice BDI <sup>(5)</sup> neincluse la A2.1	A2.2	Autor corespondent/prim autor		N3.1 = număr	5	15
				Co-autor		N3.2 = număr	-	5
				$N3 = N3.1 + N3.2$	10	20		
		Brevete de invenții indexate <sup>(6)</sup>	A2.3	Internaționale indexate în Web of Science – Derwent Innovation		P2.1 = același calcul cu A2.1 și FI = 2	-	4,400
				Naționale indexate OSIM		P2.2 = același calcul cu A2.1 și FI = 0,5	-	-
		$A2.1 + A2.3$		$P2 = P2.1 + P2.2 + P1$	10	16,960		
Produse, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ superior sau de cercetare)	A2.4	Coordonator/prim autor		N4.1 = număr	-	1		
		Co-autor		N4.2 = număr	-	-		

		Monografii/cărți de specialitate <sup>(2)</sup> , format tipărit/electronic (min. 100 pag.)	A2.5	Coordonator/prim autor	N4.3 = număr	1	2
			A2.5	Co-autor	N4.4 = număr	-	0
			A2.4 + A2.5		N4=N4.1+N4.2+N4.3+N4.4	2	3
3	Recunoașterea și impactul activității - RIA (A3)	Atragere resurse financiare prin granturi/proiecte/contracte terți	A3.1	Director sau responsabil partener la grant/proiect câștigat prin competiție națională sau internațională	S1 <sup>(8)</sup> = sumă echivalentă în mii Euro <sup>(9)</sup>	-	434,961
				Membri în echipă la grant/proiect câștigat prin competiție națională sau internațională, proiecte/contracte terți	S2 <sup>(8)</sup> = sumă echivalentă în mii Euro <sup>(9)</sup>	-	-
					S1 + S2	50	434,961
		Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat	A3.2	Congrese/conferințe/workshopuri internaționale, profesor invitat la universități/institute din străinătate	N5 = număr	10	21
		Citări în publicații BDI <sup>(4)</sup> (se exclud autocitările)	A3.3	C <sub>1</sub> = numărul de citări S <sub>FI</sub> = suma factorilor de impact al publicațiilor WOS în care apar citările	C=C <sub>1</sub> +S <sub>FI</sub>	25	190,415

<sup>1</sup> Publicația este înregistrată în fondul de carte al bibliotecii naționale sau al bibliotecilor universităților respective

<sup>2</sup> Se exclud publicațiile conferințelor DAAAM și WSEAS

<sup>3</sup> FI este factorul de impact al revistei la data înscrierii la concurs sau la data publicării articolului (cel mai avantajos pentru candidat). Se iau în considerare la această categorie numai revistele cu factor de impact la data publicării articolului. O revistă WOS este echivalentă cu o revistă cotate ISI cf. ordinului de Ministru (MECTS) Nr. 4478 din 23 iunie 2011, publicat în Monitorul Oficial, Partea 1, nr. 448/27.VI.2011.

<sup>4</sup> Bazele de date BDI acceptate sunt: Web of Science Thomson Reuters (WOS) și SCOPUS

<sup>5</sup> Un brevet se poate încadra la o singură categorie.

<sup>6</sup> Suma din grant/proiect încasată de instituție repartizată echipei din care directorul de grant/responsabil partener face parte (S1 include cheltuieli de: personal, logistică, deplasări, indirecte).

<sup>7</sup> Suma din grant/proiecte câștigate prin concurs național/internațional și proiecte/contracte terți încasată de instituție și repartizată de director/responsabil persoanei respective (S2 include cheltuieli de: personal, logistică, deplasări, indirecte).

<sup>8</sup> Pentru contractele derulate înainte de 01.01.1999 se va considera echivalarea: 1 EURO = 1 \$ USA

Indicator	Domeniul de activitate	Punctaj realizat		
		Parțial	Total	
<b>ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ - DID (A1)</b>				
<b>Manuale suport de curs - A1.1</b>				
N1.1	<b>Coordonator/Prim autor - Format tipărit/electronic (min. 100 pag.)</b>			
	Drăgan, N., "Vibrații", Universitatea "Dunărea de Jos" din Galați, 2007, suport CD, Biblioteca 3, AV-2591, <a href="#">Vibrații</a>		1	<b>6</b>
	Drăgan, N., "Vibrațiile utilajelor de construcții", Universitatea "Dunărea de Jos" din Galați, 2007, suport CD, Biblioteca 1, AV-623, <a href="#">VUC</a>		1	
	Drăgan, N., "Dinamica mașinilor", Universitatea "Dunărea de Jos" din Galați, 2007, suport CD, Biblioteca 1, AV-607, <a href="#">Dinamica mașinilor</a>		1	
	Drăgan, N., "Protecția la poluarea sonoră și prin vibrații", Universitatea "Dunărea de Jos" din Galați, 2007, suport CD, Biblioteca 1, AV-613, <a href="#">PPSV</a>		1	
	Drăgan, N., "Combaterea poluării produse prin zgomote și vibrații", Universitatea "Dunărea de Jos" din Galați, 2011, suport CD, Biblioteca 3, AV-2628, <a href="#">CPZV</a>		1	
Drăgan, N., "Ergonomie", Universitatea "Dunărea de Jos" din Galați, 2011, suport CD, Biblioteca 3, AV-2507, <a href="#">Ergonomie</a>		1		
N1.2	<b>Co-autor - Format tipărit/electronic (min. 100 pag.)</b>			
	Axinti, G., Drăgan, N., Bordea, C., "Elemente de mecanică analitică cu aplicații în mecanica tehnică", Editura Impuls, București, 2002, 162 pag., ISBN 973-8132-32-0, <a href="#">EMAAMT, CIP10 octombrie-2002 pag 64</a> , <a href="https://www.bibnat.ro/Arhiva-Bibliografia-CIP-s294-ro.htm">https://www.bibnat.ro/Arhiva-Bibliografia-CIP-s294-ro.htm</a>		1	<b>1</b>
N1.3	<b>Format electronic disponibil pe platforma universității (autor) - MS Teams</b>			
	Manual suport de curs în format electronic - Drăgan, N., "Combaterea poluării produse prin zgomote și vibrații" <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:wj1bKu1_0jbMl3u757KPE2opcK26tIRTbdgfU7GXU5o1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:wj1bKu1_0jbMl3u757KPE2opcK26tIRTbdgfU7GXU5o1@thread.tacv2&amp;ctx=channel</a>		1	<b>7</b>
	Manual suport de curs în format electronic - Drăgan, N., "Ergonomie" <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:QQtTVJNRvbybMsvMpyRFje4cnjCoxlhk_SjdwObIDY1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:QQtTVJNRvbybMsvMpyRFje4cnjCoxlhk_SjdwObIDY1@thread.tacv2&amp;ctx=channel</a>		1	
	Manual suport de curs în format electronic - Drăgan, N., "Mașini pentru procese industriale" <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:rqi_0Ob79YgHCm-OhutHZL_s09fvyTya-9q3Zoz4lM1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:rqi_0Ob79YgHCm-OhutHZL_s09fvyTya-9q3Zoz4lM1@thread.tacv2&amp;ctx=channel</a>		1	
	Manual suport de curs în format electronic - Drăgan, N., "Dinamica și stabilitatea echipamentelor tehnologice" <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:kCYoanUczXGM6-QNtOrIKPno84jDSOVFcPsw4Vop3Fo1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:kCYoanUczXGM6-QNtOrIKPno84jDSOVFcPsw4Vop3Fo1@thread.tacv2&amp;ctx=channel</a>		1	
	Manual suport de curs în format electronic - Drăgan, N., "Vibrații mecanice" <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:IDIKMItm378hd3tMJDqOPQOhdDx2CBhJRHVSVEu6RW4M1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:IDIKMItm378hd3tMJDqOPQOhdDx2CBhJRHVSVEu6RW4M1@thread.tacv2&amp;ctx=channel</a>		1	
	Manual suport de curs în format electronic - Drăgan, N., "Metode de combatere a zgomotelor și vibrațiilor" <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:b135d5b7ccdc4d5298127e7dd18e0743@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:b135d5b7ccdc4d5298127e7dd18e0743@thread.tacv2&amp;ctx=channel</a>		1	
	Manual suport de curs în format electronic - Drăgan, N., "Dinamica mașinilor" <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:1hW1gRbAkY58LJUPJW61bL3G57eR56LMYLYwavXVoIE1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:1hW1gRbAkY58LJUPJW61bL3G57eR56LMYLYwavXVoIE1@thread.tacv2&amp;ctx=channel</a>		1	

Material didactic/Dezvoltare laboratoare, aplicații - A1.2				
N2.1	<b>Standuri laborator (construcție/modernizări) certificate de directorul de departament</b>			11
	Rulou vibrator compactor de laborator, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Echipament de laborator pentru determinarea caracteristicilor de compactare a pământurilor, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Ciur vibrator de laborator pentru agregate minerale, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Stand pentru determinarea parametrilor vibro-acustici ai plăcilor vibratoare compactoare, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Stand pentru determinarea parametrilor vibro-acustici ai maiurilor vibratoare compactoare, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Stand pentru determinarea parametrilor tehnologici ai forezelor de pământ, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Stand pentru determinarea caracteristicilor elastice ale arcurilor (cu presa hidraulică de 50 tf), <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Vibrator pendular unidirecțional cu frecvență variabilă, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Pendul dublu giroscopic, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Balanță giroscopică, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	Stand pentru vizualizarea mișcărilor de precizie și de nutație ale pendulului giroscopic sferic, <a href="#">Confirmare standuri laborator Mecanica Aplicata P17</a>		1	
	N2.2	<b>Îndrumar laborator/carte aplicații format tipărit sau electronic (autor, co-autor)</b>		
Bratu, P., Drăgan, N., "Vibrații mecanice. Aplicații", Universitatea "Dunărea de Jos" din Galați, 1996, 241 pag., Biblioteca 1, IV 5943 d16, <a href="#">VMA-1996-UDJG</a>			1	
Bratu, P., Drăgan, N., "Vibrații mecanice. Aplicații", Editura Impuls, București, 1998, 230 pag., ISBN 973-98409-8-1, <a href="#">VMA-1998-Impuls, CIP6 iulie 1998 pag 26, https://www.bibnat.ro/Arhiva-Bibliografia-CIP-s294-ro.htm</a>			1	
Drăgan, N., "Combaterea poluării produse prin zgomote și vibrații - îndrumar de proiect", suport electronic platforma MS Teams <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:wj1bKu1_0jbMI3u757KPE2opcK26dRTbDgfU7GXU5o1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:wj1bKu1_0jbMI3u757KPE2opcK26dRTbDgfU7GXU5o1@thread.tacv2&amp;ctx=channel</a>			1	
Drăgan, N., "Analiza dinamică a mașinilor cu acțiune vibrantă și prin șoc - îndrumar de proiect", suport electronic platforma MS Teams <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:vDwiVnKOzNNcHDfz1UjB-fbS37gM6X6a8E-Q_gaHbuM1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:vDwiVnKOzNNcHDfz1UjB-fbS37gM6X6a8E-Q_gaHbuM1@thread.tacv2&amp;ctx=channel</a>			1	
Drăgan, N., Poftărniche, M.A., "Ergonomie - seminar", suport electronic platforma MS Teams <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:QQtTVJNRvbybMsvMpyRFje4cnjCoxlhk_SjdwObIDYI1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:QQtTVJNRvbybMsvMpyRFje4cnjCoxlhk_SjdwObIDYI1@thread.tacv2&amp;ctx=channel</a>			1	
Drăgan, N., Poftărniche, M.A., "Mașini pentru procese industriale - îndrumar de proiect", suport electronic platforma MS Teams <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:rqi_0Ob79YgHCm-OhutHZL_s09fvvTya-9q3Zoz4IM1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:rqi_0Ob79YgHCm-OhutHZL_s09fvvTya-9q3Zoz4IM1@thread.tacv2&amp;ctx=channel</a>			1	
Drăgan, N., Poftărniche, M.A., "Dinamica și stabilitatea echipamentelor tehnologice - îndrumar de proiect", suport electronic platforma MS Teams <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:kCYoanUczXGM6-QNtOrIKPno84jDSOVFcPsw4Vop3Fo1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:kCYoanUczXGM6-QNtOrIKPno84jDSOVFcPsw4Vop3Fo1@thread.tacv2&amp;ctx=channel</a>			1	
Drăgan, N., Poftărniche, M.A., "Vibrații mecanice - aplicații", suport electronic platforma MS Teams <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:IDIKMitm378hd3tMJDqOPQOhdDx2CBhJRHSVEu6RW4M1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:IDIKMitm378hd3tMJDqOPQOhdDx2CBhJRHSVEu6RW4M1@thread.tacv2&amp;ctx=channel</a>			1	
Drăgan, N., Poftărniche, M.A., "Dinamica mașinilor - aplicații", suport electronic platforma MS Teams <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:1hW1gRbAkY58LJUPJW61bL3G57eR56LMYLYwavXVoIE1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:1hW1gRbAkY58LJUPJW61bL3G57eR56LMYLYwavXVoIE1@thread.tacv2&amp;ctx=channel</a>			1	
Bratu, P., Drăgan, N., "Mecanica I - aplicații", suport electronic platforma MS Teams <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:a0417ee7e9bf41709d47137fd352545d@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:a0417ee7e9bf41709d47137fd352545d@thread.tacv2&amp;ctx=channel</a>			1	

	<a href="#">el</a> Bratu, P., <b>Drăgan, N.</b> , “ <i>Mecanica II - aplicații</i> ”, suport electronic platforma MS Teams <a href="https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:v19hZYvvogZAcMOISgo8zSMk121GWFBEq0j7-ykZUWo1@thread.tacv2&amp;ctx=channel">https://teams.microsoft.com/#/school/FileBrowserTabApp/General?threadId=19:v19hZYvvogZAcMOISgo8zSMk121GWFBEq0j7-ykZUWo1@thread.tacv2&amp;ctx=channel</a>	1	
<b>ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ, DEZVOLTARE TEHNOLOGICĂ ȘI INOVARE – CDI (A2)</b>			
<b>Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS) - A2.1</b>			
<b>P1.1</b>	<b>Autor corespondent n≤3</b>		
	Goanta, A.M., Bratu, P.P., <b>Drăgan, N.</b> , “ <i>Dynamic Response of Vibratory Piling Machines for Ground Foundations</i> ”, Symmetry, 14(6), 1238, ISSN 2073-8994, MDPI Open Access Journal, Basel, 2022, <a href="https://doi.org/10.3390/sym14061238">https://doi.org/10.3390/sym14061238</a> , WOS:000818200900001, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000818200900001?SID=EUW1ED0CD7snu71i21X2r8z9Krp34">https://www.webofscience.com/wos/woscc/full-record/WOS:000818200900001?SID=EUW1ED0CD7snu71i21X2r8z9Krp34</a> , <a href="https://www.webofscience.com/wos/author/record/2474629,3127687,3833243,28874248">https://www.webofscience.com/wos/author/record/2474629,3127687,3833243,28874248</a> , FI=2,940 (2021), Q2 MULTIDISCIPLINARY SCIENCES - SCIE (2021)	6,280	<b>12,560</b>
	Bratu, P.P., <b>Drăgan, N.</b> , Dobrescu, C.F., “ <i>Dynamic Performances of Technological Vibrating Machines</i> ”, Symmetry, 14(3), 539, ISSN 2073-8994, MDPI Open Access Journal, Basel, 2022, <a href="https://doi.org/10.3390/sym14030539">doi.org/10.3390/sym14030539</a> , WOS:000774655600001, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000774655600001?SID=EUW1ED0CD7snu71i21X2r8z9Krp34">https://www.webofscience.com/wos/woscc/full-record/WOS:000774655600001?SID=EUW1ED0CD7snu71i21X2r8z9Krp34</a> , <a href="https://www.webofscience.com/wos/author/record/2474629,3127687,3833243,28874248">https://www.webofscience.com/wos/author/record/2474629,3127687,3833243,28874248</a> , FI=2,940 (2021), Q2 MULTIDISCIPLINARY SCIENCES - SCIE (2021)	6,280	
<b>Articole și publicații științifice BDI (neincluse la A2.1) - A2.2</b>			
<b>N3.1</b>	<b>Autor corespondent + prim autor</b>		
	<b>Drăgan, N.</b> , Potirniche, A.M., Capatana, G.F., “ <i>Dynamic response for a system modeled as a solid body with constructive symmetry and inclined disturbing force</i> ”, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 65, Issue I, March, 2022, pp. 43-48, ISSN 1221-5872, Editura UTPress, Cluj-Napoca, 2022, <a href="https://atna-mam.utcluj.ro/index.php/Acta/article/view/1779/1426">https://atna-mam.utcluj.ro/index.php/Acta/article/view/1779/1426</a> , WOS:000832312500007, <a href="https://www.webofscience.com/wos/author/record/2474629,3127687,3833243,28874248">https://www.webofscience.com/wos/author/record/2474629,3127687,3833243,28874248</a>	1	<b>11</b>
	<b>Drăgan, N.</b> , Capatana, G.F., Potirniche, A.M., “ <i>Evaluation of the Dynamic Regime Upon Trial of An Elastic Beam Excited by Vibrodyne</i> ”, Romanian Journal of Acoustics and Vibration, Vol 19 No 1 (2022), pp. 13-16, Print ISSN 1584-7284, Online ISSN 2602-0351, Editura Impuls, București, 2022, <a href="http://rjav.sra.ro/index.php/rjav/article/view/287">http://rjav.sra.ro/index.php/rjav/article/view/287</a> , WOS:00078297860000, <a href="https://www.webofscience.com/wos/author/record/2474629,3127687,3833243,28874248">https://www.webofscience.com/wos/author/record/2474629,3127687,3833243,28874248</a>	1	
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	<b>Drăgan, N.</b> , “ <i>Studies on the Mechanical Elastic Systems with nonlinear damping. Power and amplitude numerical analysis</i> ”, Proceedings of the 10 <sup>th</sup> WSEAS International Conference on AUTOMATION & INFORMATION "ICAI'09", ISBN 978-960-474-064-2, ISSN 1790-5117, Prague,	1	

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<b>N3.1</b>	<b>Autor corespondent</b>		
	Potirmiche, A.M., <b>Dragan, N.</b> , Capatana, G.F., “ <i>Influence of eccentricities of disturbing forces applied to an elastic mechanical system modeled as a solid body with constructive symmetries</i> ”, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 65, Issue I, March, 2022, pp. 65-68, ISSN 1221-5872, Editura UTPress, Cluj-Napoca, 2022, <a href="https://atna-mam.utcluj.ro/index.php/Acta/article/view/1784/1438">https://atna-mam.utcluj.ro/index.php/Acta/article/view/1784/1438</a> , WOS:000832312500009, <a href="https://www.webofscience.com/wos/author/record/2474629.3127687.3833243.28874248">https://www.webofscience.com/wos/author/record/2474629.3127687.3833243.28874248</a>	1	
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<b>N3.2</b>	<b>Co-autor</b>		
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	Itu, C., Bratu, P.P., <b>Dragan, N.</b> , Goanta, A.M., Nicolae, G.L., Nitu, M.C., Borza, P.N., Vlase, S., “ <i>Dynamic Response of the Inertial Platform of the Laser ELI-NP Magurele-Bucharest Facility</i> ”, Mathematics, 10(12), 2104, ISSN 2227-7390, MDPI Open Access Journal, Basel, 2022,	1	

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	Bratu, P., <b>Dragan, N.</b> , Itu, C, Borza, P.N., Vasile, O., Vlase, S., Nicolescu, A.E., "An analysis of the inertial platform behavior of the ELI-NP project in case of an earthquake", Proceedings of the 16-th International Conference AVMS-2021, pp. 300-307, 28-29 May 2021, Timisoara, "Springer Proceedings in Physics", ISSN 0930-8989, <a href="https://link.springer.com/chapter/10.1007/978-3-030-96787-1_32">https://link.springer.com/chapter/10.1007/978-3-030-96787-1_32</a> , <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85136943529&amp;origin=resultslist&amp;sort=plf-f">https://www.scopus.com/record/display.uri?eid=2-s2.0-85136943529&amp;origin=resultslist&amp;sort=plf-f</a>	1	
<b>Brevete de invenții indexate - A2.3</b>			
P2.1	<b> Internaționale indexate în Web of Science – Derwent Innovation (prim autor)</b> <b>Dragan, N.</b> , Bratu, P., Vasile, O., "COMPOSITE SOUND INSULATING AND SOUND ABSORBING STRUCTURE" - Derwent Innovation Index, Patent number RO126197-A2, Derwent Primary Accession Number 2011-E84412, <a href="https://www-webofscience-com.am.e-nformation.ro/wos/diidw/full-record/DIIDW:2011E84412">https://www-webofscience-com.am.e-nformation.ro/wos/diidw/full-record/DIIDW:2011E84412</a> , cerere brevet RO 126197 A2, brevet RO 126197 B1, Brevet de invenție	4,400	<b>4,400</b>
<b>Produse, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ superior sau de cercetare) - A2.4</b>			
N4.1	<b>Coordonator/prim autor</b> STRUCTURĂ COMPOZITĂ FONOIZOLATOARE ȘI FONOABSORBANTĂ, <a href="#">FISA DE PRODUS PROMACON</a> , <a href="#">Catalog Inovare 2008-2010 pag 146</a> , <a href="#">Programul FDITI 2010 final pag 7</a>	1	
<b>Monografii/cărți de specialitate, format tipărit/electronic (min. 100 pag.) - A2.5</b>			
N4.3	<b>Coordonator/prim autor</b> <b>Drăgan, N.</b> , "Dinamica transportoarelor vibratoare inerțiale", Editura Impuls, București, 2003, 242 pag., ISBN 973-8132-34-7, <a href="#">DTVI, CIP1 ianuarie-2003 pag 76</a> , <a href="https://www.bibnat.ro/Arhiva-Bibliografia-CIP-s294-ro.htm">https://www.bibnat.ro/Arhiva-Bibliografia-CIP-s294-ro.htm</a>	1	<b>2</b>
	<b>Drăgan, N.</b> , "Modelarea neliniară a proceselor de transport prin vibrații", Editura Impuls, București, 2003, 198 pag., ISBN 973-8132-33-9, <a href="#">MNPTV, CIP1 ianuarie-2003 pag 76</a> , <a href="https://www.bibnat.ro/Arhiva-Bibliografia-CIP-s294-ro.htm">https://www.bibnat.ro/Arhiva-Bibliografia-CIP-s294-ro.htm</a>	1	
<b>RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII - RIA (A3)</b>			
<b>Atragere resurse financiare prin granturi/proiecte/contracte terți A3.1</b>			
S1	<b>Director sau responsabil partener la grant/proiect câștigat prin competiție națională sau internațională</b> PNCDI II Programul V Inovare Modulul 1 Dezvoltare de produs-sisteme, "Sisteme de protecție în concepție modulară din materiale compozite fonoabsorbante și fonoizolante pentru mașini de construcții - PROMACON", Contract nr. 187/19.08.2008 / AMCSIT Politehnica, <a href="#">Adresa ICECON participare proiecte PNCDI, Contract finanțare 187 PROMACON AMCSIT, Programul INOVARE - Raport de consens, Contractare 1221, CATALOGINOVARE, Programul FDITI 2010 final, FISA DE PRODUS Contract 187</a> Valoare proiect 2.792.500 lei, din care finanțare de la bugetul de stat 1.535.500 lei = 434.961 EUR (calculat la curs BNR 3,5302 lei/EUR valabil în 19.08.2008, data semnării contractului de Autoritatea contractantă AMCSIT Politehnica)	434,961	<b>434,961</b>
S2	<b>Membri în echipă la grant/proiect câștigat prin competiție națională sau internațională, proiecte/contracte terți</b>		

"Cercetări pentru îmbunătățirea performanțelor tehnologice și de exploatare prin stabilirea unor soluții optime de transmisii la utilajele autopropulsate pentru construcții", Contract 100/57 din 01.10.1995 / ICECON S.A. București	-	
"Specificație tehnică privind criteriile și nivelele de performanță ale echipamentelor de terasamente pentru asigurarea calității construcțiilor, a protecției vieții, și a sănătății, a siguranței în exploatare și a protecției mediului ambiant", Contract 101/57 din 01.10.1995 / ICECON S.A. București	-	
"Ghid privind metodologia de agrementare a mijloacelor de ridicat și transportat materiale pe orizontală, înglobate în construcții", Contract 102/59 din 01.10.1995 / ICECON S.A. București	-	
"Studiu privind stadiul actual al transportoarelor vibratoare folosite în industriile de proces", Contract 105/116 din 22.10.1996 / ICECON S.A. București	-	
"Analiza parametrilor dinamici pentru optimizarea structurală și funcțională a transportoarelor vibrante pentru materiale în vrac", Contract 2020GR/1996, Tema B8 / M.S.T.	-	
"Cercetări pentru realizarea unor noi tipuri de alimentatoare industriale performante", Contract 1027/1997, Tema A35 / M.C.T.	-	
GRANT tip A, "Proceduri de analiză dinamică a sistemului mașină-structură în vederea stabilirii soluțiilor optime de izolare la vibrații deterministe", Contract 7007/1997, Tema 23/908 / C.N.C.S.U.	-	
GRANT tip A, "Evaluarea forțelor dinamice transmise în sistemul mașină-structură cu legături vâsco-elastice neliniare", Contract 34234/1999, Tema 4/438 / C.N.C.S.I.S.	-	
INVENT, "Sistem elastic în configurație poligonală folosit la protecția antiseismică a echipamentelor", Contract nr. 37/18.10.2001 - INMA / M.E.C. – P.N.C.D.I.	-	
INVENT, "Dispozitiv și sistem de protecție antiseismică", Contract nr. 38/18.10.2001 - INMA / M.E.C. – P.N.C.D.I.	-	
AMTRANS - Amenajarea teritoriului și transporturi, "Ecrane modulare fonoizolatoare pentru realizarea elementelor cu geometrie adaptabilă, în vederea reducerii zgomotului exterior produs de surse fixe și/sau mobile din clădiri și ansambluri locuite", Contract nr. 6A09/2003 / M.C.T.C.	-	
"Normativ privind proiectarea și executarea măsurilor de izolare fonică și a tratamentelor acustice în clădiri - revizuire C125/1987 indicativ C125-05", Contract nr. 64/2003 / M.C.T.C.	-	
MENER, "Reducerea riscului seismic prin utilizarea elementelor elastice și disipative antiseismice de izolare a bazei", Contract nr. 520/2004 / Universitatea "Politehnica" București -P.N.C.D.I.	-	
CEEX Modulul IV, "Metodă și sistem pentru evaluarea, monitorizarea și reducerea nivelului de vibrații transmise factorului uman", Contract nr. 33/2005 / RENAR	-	
CEEX Modulul I, "Sistem de monitorizare în timp real a vibrațiilor și zgomotului surselor industriale cu impact asupra colectivităților umane și a clădirilor din mediul urban", Contract nr. 110/2006 / INFOSOC	-	
CEEX Modulul I, "Cercetări privind realizarea unor elemente modulare din materiale compozite pentru mărirea rezistenței la șocurile mecanice a structurilor protective ale cabinelor mașinilor mobile", Contract nr. 210/2006 / INFOSOC	-	
CEEX Modulul I, "Cercetări privind realizarea din materiale compozite a elementelor modulare în scopul creșterii rezistenței la șocuri a structurilor de protecție mecanică destinate parapeșilor pentru drumuri", Contract nr. 213/2006 / INFOSOC	-	
PNCIDI II Programul V Inovare Modulul 1 Dezvoltare de produs-sisteme, "Echipament mobil robotizat autonom pentru inspectare și monitorizare video a conductelor din rețelele de canalizare", Contract nr. 178/19.08.2008 / AMCSIT Politehnica	-	
PNCIDI II Programul V Inovare Modulul 1 Dezvoltare de produs-sisteme, "Sistem robotizat pentru prelevarea video automată a suprafeței arterelor rutiere", Contract nr. 188/19.08.2008 / AMCSIT Politehnica	-	
PNCIDI II Programul V Inovare Modulul 1 Dezvoltare de produs-sisteme, "Sistem automat de uscarea a materialelor de construcție folosind microunde", Contract nr. 189/26.08.2008 / AMCSIT Politehnica	-	
PNCIDI III, "Materiale compozite cu porozitate ridicată cu proprietăți de absorbție fonică și protecție împotriva șocurilor" PorousMatSound, Contract nr. RF 3646/30.09.2021	-	



Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat - A3.2			
N5	Congrese/conferințe/workshopuri internaționale, profesor invitat la universități/institute din străinătate		
N5.1	Twelfth International Scientific-Technical Conference on Transport, Road-Building and Material Handling Technics, Technologies and Military Educational Problems, "trans & MOTAUTO '05+", 23-25 November 2005, Veliko Tarnovo, Bulgaria, <a href="https://e-university.tu-sofia.bg/ETUS/">https://e-university.tu-sofia.bg/ETUS/</a> , <a href="http://e-university.tu-sofia.bg/e-publ/files/3700_38_MOTAUTO_05.pdf">http://e-university.tu-sofia.bg/e-publ/files/3700_38_MOTAUTO_05.pdf</a> , <a href="http://e-university.tu-sofia.bg/e-publ/files/3700_38_MOTAUTO_06.pdf">http://e-university.tu-sofia.bg/e-publ/files/3700_38_MOTAUTO_06.pdf</a> , <a href="#">trans_motauto_05</a> , 4 lucrări	1	21
N5.2	The 10th WSEAS International Conference on AUTOMATION & INFORMATION "ICAI'09", Prague, March 23-25 2009, <a href="https://www.wseas.org/multimedia/books/2009/prague/ICAI.pdf">https://www.wseas.org/multimedia/books/2009/prague/ICAI.pdf</a> , <a href="https://dl.acm.org/doi/10.5555/1562010.1562040">https://dl.acm.org/doi/10.5555/1562010.1562040</a> , <a href="https://dl.acm.org/doi/10.5555/1562010.1562038">https://dl.acm.org/doi/10.5555/1562010.1562038</a> , 2 lucrări	1	
N5.3	5th International Vilnius Conference "Knowledge-based technologies and OR methodologies for strategic decisions of sustainable development" KORS-D-2009, September 30–October 3 2009, Vilnius, <a href="#">KORS-D-2009</a> , 3 lucrări	1	
N5.4	The 11-th International Congress on Automotive and Transport Engineering CONAT 2010, Brasov, 2010, <a href="#">CONAT2010</a> , <a href="http://conat.ro/index.php/conat/2010">http://conat.ro/index.php/conat/2010</a> , <a href="http://conat.ro/public/conferences/1/schedConfs/4/program-en_US.pdf">http://conat.ro/public/conferences/1/schedConfs/4/program-en_US.pdf</a> , <a href="http://conat.ro/index.php/conat/2010/schedConf/presentations">http://conat.ro/index.php/conat/2010/schedConf/presentations</a> , <a href="http://conat.ro/index.php/conat/2010/paper/view/309">http://conat.ro/index.php/conat/2010/paper/view/309</a> , <a href="http://conat.ro/index.php/conat/2010/paper/view/310">http://conat.ro/index.php/conat/2010/paper/view/310</a> , <a href="http://conat.ro/index.php/conat/2010/paper/view/311">http://conat.ro/index.php/conat/2010/paper/view/311</a> , 3 lucrări	1	
N5.5	International Conference on Vibration Problems ICoVP-2011, 5-8 September 2011, Prague, Czech Republic, <a href="#">Program ICoVP 2011</a> , 3 lucrări	1	
N5.6	International Conference on Structural Engineering Dynamics ICEDyn 2011, 20-22 June 2011, Tavira, Portugal, <a href="https://sites.google.com/site/icedyn2011/Home">https://sites.google.com/site/icedyn2011/Home</a> , <a href="https://drive.google.com/file/d/0B3tF-4KsCSu1ZTIxNWY5YTQtNmZiOC00OTE4LTkzZjEtNzRiNzhjODJhYmRk/view?resourcekey=0-X3TsLLbwoo52S9BMEhcSCA">https://drive.google.com/file/d/0B3tF-4KsCSu1ZTIxNWY5YTQtNmZiOC00OTE4LTkzZjEtNzRiNzhjODJhYmRk/view?resourcekey=0-X3TsLLbwoo52S9BMEhcSCA</a> , 1 lucrare	1	
N5.7	The 1st International Conference on Experimental Mechanics EMECH 2016, Brașov, ROMANIA, 8-9 June 2016, <a href="https://sites.google.com/site/eame2016brasov/home">https://sites.google.com/site/eame2016brasov/home</a> , <a href="#">Program EMECH 2016</a> , 3 lucrări	1	
N5.8	Scientific conference of doctoral schools – Perspectives and challenges in doctoral research, "DUNĂREA DE JOS" UNIVERSITY OF GALAȚI, 8 <sup>th</sup> -9 <sup>th</sup> of June 2017, <a href="#">Program detaliat al conferinței 2017 FINAL</a> , <a href="#">CSSD UDJG 2017 Book of Abstracts 2017 Final</a> , <a href="#">CONFERENCE PROGRAMME 2017</a> , 1 lucrare	1	
N5.9	7th International Conference on Computational Mechanics and Virtual Engineering COMEC 2017, 16-17 November 2017, Brasov, <a href="#">COMEC2017 - FINAL PROGRAMME</a> , <a href="https://sites.google.com/site/comec2017brasov/">https://sites.google.com/site/comec2017brasov/</a> , <a href="https://sites.google.com/site/comec2017brasov/final-programme">https://sites.google.com/site/comec2017brasov/final-programme</a> , 1 lucrare	1	
N5.10	The 7th International Conference on Advanced Composite Materials Engineering COMAT 2018 & The 42th International Conference on Mechanics of Solids, Acoustics and Vibrations ICMSAV 2018 & The 2nd International Conference Experimental Mechanics in Engineering eMECH 2018, <a href="https://sites.google.com/site/icmsav2018/">https://sites.google.com/site/icmsav2018/</a> , <a href="https://mecanica.unitbv.ro/images/cercetare/final_programme_comat_2018_v11.pdf">https://mecanica.unitbv.ro/images/cercetare/final_programme_comat_2018_v11.pdf</a> , <a href="#">final_programme_comat_2018_v11</a> , 4 lucrări	1	
N5.11	The 43rd International Conference on MECHANICS OF SOLIDS - ICMS 2019, The 8th International Conference on COMPUTATIONAL MECHANICS AND VIRTUAL ENGINEERING - COMEC 2019, 21-22 November 2019, Brasov, Romania, <a href="#">final programme comec 2019</a> , <a href="https://sites.google.com/view/comatcomec/conference/previous-events/icms-comec-2019">https://sites.google.com/view/comatcomec/conference/previous-events/icms-comec-2019</a> , <a href="https://sites.google.com/view/comatcomec/conference/previous-events/icms-comec-2019/full-program-2019">https://sites.google.com/view/comatcomec/conference/previous-events/icms-comec-2019/full-program-2019</a> , 6 lucrări	1	
N5.12	The 7th Multi-Conference on Systems and Structures SysStruc 2019, November 8th-9th, 2019, Resita, Romania, <a href="#">Flyer SysStruc2019 livrabil CI</a> , <a href="#">Program SysStruc2019 livrabil CI</a> , 2 lucrări	1	
N5.13	Conferința tehnico-științifică internațională „Problemele actuale ale urbanismului și amenajării teritoriului” ediția a X-a, 27 Noiembrie 2020, Chișinău, <a href="https://utm.md/blog/2020/11/25/facultatea-urbanism-si-arhitectura-va-organiza-in-format-on-line-conferinta-tehnico-stiintifica-internationale-problemele-urbanismului-si-amenajarii-teritoriului-a-x-ea-editie/">https://utm.md/blog/2020/11/25/facultatea-urbanism-si-arhitectura-va-organiza-in-format-on-line-conferinta-tehnico-stiintifica-internationale-problemele-urbanismului-si-amenajarii-teritoriului-a-x-ea-editie/</a> , Conferinta FUA MS Teams, <a href="#">Program conferinta FUA sectia 4</a> , <a href="#">Program Conferinta FUA</a> , 2 lucrări	1	
N5.14	The 8th International Conference on Advanced Composite Materials Engineering COMAT 2020, The 3rd International Conference on	1	

	<i>Experimental Mechanics in Engineering EMECH 2020</i> , Brașov, ROMANIA, 29-31 October 2020, <a href="https://sites.google.com/view/comatcomec/conference/previous-events/comat-emech-2020">Final programme comat 2020 v6</a> , <a href="https://sites.google.com/view/comatcomec/conference/previous-events/comat-emech-2020">https://sites.google.com/view/comatcomec/conference/previous-events/comat-emech-2020</a> , <a href="https://sites.google.com/view/comatcomec/conference/previous-events/comat-emech-2020/full-program">https://sites.google.com/view/comatcomec/conference/previous-events/comat-emech-2020/full-program</a> , 4 lucrări		
N5.15	<i>The 9th International Conference on Computational mechanics and virtual engineering - COMEC 2021</i> , 21-23 October 2021, Brasov, Romania, <a href="https://sites.google.com/view/comatcomec/conference/previous-events/comec-2021">2021 COMEC Final programm</a> , <a href="https://sites.google.com/view/comatcomec/conference/previous-events/comec-2021">https://sites.google.com/view/comatcomec/conference/previous-events/comec-2021</a> , <a href="https://sites.google.com/view/comatcomec/conference/previous-events/comec-2021/full-program-comec-2021">https://sites.google.com/view/comatcomec/conference/previous-events/comec-2021/full-program-comec-2021</a> , 4 lucrări	1	
N5.16	<i>The 9th International Conference on Advanced Composite Materials Engineering - COMAT 2022</i> , 17-18 October 2022, Brasov, Romania, <a href="https://drive.google.com/file/d/1FTKQszy1k1kgpfmAsSmfvYdRxAvtxcJM/view">final programme comat 2022_NEW</a> , <a href="https://drive.google.com/file/d/1FTKQszy1k1kgpfmAsSmfvYdRxAvtxcJM/view">https://drive.google.com/file/d/1FTKQszy1k1kgpfmAsSmfvYdRxAvtxcJM/view</a> , 2 lucrări	1	
N5.17	<i>The 16-th International Conference Acoustics and Vibration of Mechanical Structures AVMS-2021</i> , 28-29 May 2021, Timisoara, <a href="https://link.springer.com/book/10.1007/978-3-030-96787-1">AVMS 2021</a> , <a href="https://link.springer.com/book/10.1007/978-3-030-96787-1">https://link.springer.com/book/10.1007/978-3-030-96787-1</a> , <a href="https://link.springer.com/chapter/10.1007/978-3-030-96787-1_32">https://link.springer.com/chapter/10.1007/978-3-030-96787-1_32</a> , 1 lucrare	1	
N5.18	<i>The 17-th International Conference Acoustics and Vibration of Mechanical Structures AVMS-2023</i> , 26-27 May 2023, Timisoara, <a href="http://www.mec.upt.ro/meca/avms/main.php">AVMS 2023</a> , <a href="http://www.mec.upt.ro/meca/avms/main.php">EquinOCS</a> , <a href="http://www.mec.upt.ro/meca/avms/main.php">AVMS2023</a> , <a href="http://www.mec.upt.ro/meca/avms/main.php">http://www.mec.upt.ro/meca/avms/main.php</a> , 2 lucrări	1	
N5.19	<i>The 29th International Congress on Sound and Vibration - ICSV29</i> , 9-13 July 2023, Prague, <a href="https://icsv29.org/">https://icsv29.org/</a> , <a href="https://icsv29.org/index.php?va=viewpage&amp;vaid=175">https://icsv29.org/index.php?va=viewpage&amp;vaid=175</a> , <a href="https://icsv29.org/index.php?va=viewpage&amp;vaid=175">The 29th International Congress on Sound and Vibration</a> , <a href="https://icsv29.org/index.php?va=viewpage&amp;vaid=175">The 29th International Congress on Sound and Vibration</a> 719, <a href="https://icsv29.org/index.php?va=viewpage&amp;vaid=175">The 29th International Congress on Sound and Vibration</a> 720, 2 lucrări	1	
N5.20	<i>The 9-th International Conference "Acoustics. Vibration"</i> , Romanian Acoustic Society, Reșița, 16-18 September 2010, <a href="https://www.mec.upt.ro/meca/avms/main.php">Conferinta SRA 2010</a> , 4 lucrări	1	
N5.21	<i>The 10-th International Conference "Acoustics. Vibration"</i> , Romanian Acoustic Society, Petroșani, 29-30 September 2011, <a href="https://www.mec.upt.ro/meca/avms/main.php">Conferinta SRA 2011</a> , <a href="https://www.mec.upt.ro/meca/avms/main.php">Program conferinta SRA 29-30 Septembrie 2011</a> , 2 lucrări	1	
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<b>C</b> <b>C=C<sub>1</sub>+S<sub>FI</sub></b>	<b>Lucrarea</b> Scheaua, F.D., Goanta, A.M., Dragan, N., "Review of Specific Performance Parameters of Vertical Wind Turbine Rotors Based on the SAVONIUS Type", <i>Energies</i> , 14(7), 1962, ISSN 1996-1073, MDPI Open Access Journal, Basel, 2021, <a href="https://doi.org/10.3390/en14071962">doi.org/10.3390/en14071962</a> <b>este citată în:</b>		
	Abdullah Al Noman, Zinat Tasneem, Md. Fahad Sahed, S.M. Muyeen, Sajal K. Das, Firoz Alam, <i>Towards next generation Savonius wind turbine: Artificial intelligence in blade design trends and framework</i> , <i>Renewable and Sustainable Energy Reviews</i> , Volume 168, 2022, 112531, ISSN 1364-0321, <a href="https://doi.org/10.1016/j.rser.2022.112531">https://doi.org/10.1016/j.rser.2022.112531</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000830906800001">https://www.webofscience.com/wos/woscc/full-record/WOS:000830906800001</a> , FI=16,799(2021)	17,799	
	Sefidgar, Zahra, Amir Ahmadi Joneidi, and Ahmad Arabkoohsar. 2023. "A Comprehensive Review on Development and Applications of Cross-Flow Wind Turbines" <i>Sustainability</i> 15, no. 5: 4679. <a href="https://doi.org/10.3390/su15054679">https://doi.org/10.3390/su15054679</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000947481500001">https://www.webofscience.com/wos/woscc/full-record/WOS:000947481500001</a> , FI=3,889(2021)	4,889	
	Moreno-Armendáriz, Marco A., Eddy Ibarra-Ontiveros, Hiram Calvo, and Carlos A. Duchanoy. 2022. "Integrated Surrogate Optimization of a Vertical Axis Wind Turbine" <i>Energies</i> 15, no. 1: 233. <a href="https://doi.org/10.3390/en15010233">https://doi.org/10.3390/en15010233</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000759234500001">https://www.webofscience.com/wos/woscc/full-record/WOS:000759234500001</a> , FI=3,252(2021)	4,252	<b>46,046</b>
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	Pan, Lin, Ze Zhu, Haodong Xiao, and Leichong Wang. 2021. "Numerical Analysis and Parameter Optimization of J-Shaped Blade on Offshore	4,252	

Vertical Axis Wind Turbine" Energies 14, no. 19: 6426. <a href="https://doi.org/10.3390/en14196426">https://doi.org/10.3390/en14196426</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000707767600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000707767600001</a> , FI=3,252(2021)		
Deda Altan, Burcin, and Gursel Seha Gultekin. 2023. "Investigation of Performance Enhancements of Savonius Wind Turbines through Additional Designs" Processes 11, no. 5: 1473. <a href="https://doi.org/10.3390/pr11051473">https://doi.org/10.3390/pr11051473</a> , <a href="https://mjl.clarivate.com/journal-profile">https://mjl.clarivate.com/journal-profile</a> , FI=3,352(2021)	4,352	
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Z Lillahulhaq et al 2021, Experimental Study Wind Turbine Performance of Straight-Savonius and Ice-Wind Type on the Similar proportion Aspect Ratio, J. Phys.: Conf. Ser. 2117 012008, <a href="https://iopscience.iop.org/article/10.1088/1742-6596/2117/1/012008/meta">https://iopscience.iop.org/article/10.1088/1742-6596/2117/1/012008/meta</a> , <a href="https://doi.org/10.1088/1742-6596/2117/1/012008">https://doi.org/10.1088/1742-6596/2117/1/012008</a>	1	
<b>Lucrarea</b> Goanta, A.M., Bratu, P.P., <b>Dragan, N.</b> , "Dynamic Response of Vibratory Piling Machines for Ground Foundations", Symmetry, 14(6), 1238, ISSN 2073-8994, MDPI Open Access Journal, Basel, 2022, <a href="https://doi.org/10.3390/sym14061238">https://doi.org/10.3390/sym14061238</a> <b>este citată în:</b>		<b>6,710</b>
Cheng, Xinjun, Xiang Xu, Wen Bai, Zhinan Hu, Haian Liang, and Jie Cui. 2022. "A Calculation Model for Vibration Effect Induced by Resonance-Free Vibratory Hammer Method" Buildings 12, no. 12: 2204. <a href="https://doi.org/10.3390/buildings12122204">https://doi.org/10.3390/buildings12122204</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000900625600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000900625600001</a> , FI=3,324(2021)	4,324	
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<b>Lucrarea</b> Bratu, P.P., <b>Dragan, N.</b> , Dobrescu, C.F., "Dynamic Performances of Technological Vibrating Machines", Symmetry, 14(3), 539, ISSN 2073-8994, MDPI Open Access Journal, Basel, 2022, <a href="https://doi.org/10.3390/sym14030539">doi.org/10.3390/sym14030539</a> <b>este citată în:</b>		<b>4,940</b>
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