

**ANEXA nr. 3 la Regulamentul privind obținerea atestatului de abilitare  
în Universitatea „Dunărea de Jos” din Galați (IOSUD-UDJG)**

**FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE  
pentru ocuparea postului didactic de PROFESOR UNIVERSITAR,  
în vederea obținerii atestatului de abilitare**

Candidat **Conf.dr.ing. Gheorghe GURĂU**

Domeniul de abilitare solicitat **Ingineria Materialelor**

1. Doctor în științe în domeniul **Ingineria Materialelor**

2. Date privind îndeplinirea standardelor minime naționale DA  NU

Condiții minime naționale ***	Profesor/Domeniul.....			
	Punctaj minimal impus	Punctaj propriu	Gradul de îndeplinire	
			DA	NU
A1. Activitatea didactică și profesională	Minim 60 puncte	167	✓	
A2. Activitatea de cercetare	Minim 320 puncte	369	✓	
A3. Recunoașterea și impactul activității	Minim 120 puncte	255	✓	
<b>Condiții minime obligatorii pe subcategorii</b>	<b>Minim prevăzut</b>	<b>Realizat</b>		
A1.1.1 Cărți/capitole ca autor	2	6	✓	
Din care	ca prim autor	1	1	✓
A1.2.1. Manuale didactice, monografii, inclusiv electronice	2	5	✓	
Din care	ca prim autor	1	3	✓
A2.1 Articole în reviste cotate ISI Thomson Reuters-Web of Science Core Collection [FI –Factor de impact] și în volume indexate ISI proceedings- Web of Science, în specificul postului scos la concurs [2]	15	33	✓	
Din care	2.1.1. In reviste cotate ISI Th.R	10	15	✓
	2.1.1. Cu FI de min. 1.	5	6	✓
	2.1.1. Ca autor principal cu FI min 0.5 [3]	5	6	✓

A2.4. Granturi /proiecte cercetare câștigate prin competiție /Contracte cu agenți economici, min 10,000 echivalent Euro, încasați. Director /responsabil.	2	3	✓	
Din care	A2.4.1. Ca director	1	1	✓
A3.1. Citări în reviste cotate in ISI Thomson Reuters Web of Science Core Collection [FI – Factor de impact] și în alte BDI (FI se referă la revista în care a fost publicat articolul care citează. Se exclud autocitățile tuturor co-autorilor; Lucrările citate: articol de revistă, carte, teză, brevet de invenție- în ISI Thomson Reuters Web of Science Core Collection și SCOPUS	30	61	✓	

\*\*\* Conform Ordinul ministrului Educației Naționale și Cercetării Științifice nr. 6.129/2016 privind aprobarea standardelor minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior

### Concluzie:

Domnul dr. Gheorghe GURĂU **ÎNDEPLINEȘTE CRITERIILE**

necesare și obligatorii pentru abilitare în Domeniul **Ingineria Materialelor** și, în consecință, SE PROPUNE înaintarea unei propuneri de comisie către MECS - CNATDCU.

**Domeniul Fundamental: Științe Inginerești**  
**Domeniul de Studii Universitare: INGINERIA MATERIALELOR**  
**Comisia CNADCU [nr/denumire]: 7. INGINERIA MATERIALELOR**

**Condiții Minimale pentru ocuparea postului didactic de  
PROFESOR UNIVERSITAR, în vederea obținerii atestatului de abilitare  
[OMENCS 6129/20.12.2016, MO, 123 bis/ 15.02.2017]**

**CANDIDAT: Conf.Dr.Ing. Gheorghe GURĂU**

Nr.cr t.	Condiția minimală	Cerința	Realizat	Cerința este îndeplinită prin următoarele
1.1.	<p><b>Cărți și capitole în cărți de specialitate în edituri recunoscute [autor edituri internaționale, naționale]</b></p> <p>1.1.1.1. <b>Nr. pagini/(2xnr. autori)</b></p> <p>1.1.1.2. <b>Nr. pagini/(5xnr. autori)</b></p>	<p><b>min 2 1 prim autor</b></p>	<p><b>6 1 prim autor</b></p>	<p>1). Gurau, I., <b>Gurau, G.</b>, Gurau, C., Copper based shape memory alloy a modern opportunity to change classic casting dental alloys ( Book Chapter), ISBN: 978-111866354-7;978-111860581-3, TMS 2013, Pages 999-1006 Publisher: Wiley Blackwell, 2013 <a href="http://onlinelibrary.wiley.com/doi/10.1002/9781118663547.ch123/summary">http://onlinelibrary.wiley.com/doi/10.1002/9781118663547.ch123/summary</a></p> <p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85018932349&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=78cb1dde339bfb048223944e6ef9d685&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=38&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85018932349&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=78cb1dde339bfb048223944e6ef9d685&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=38&amp;citeCnt=0&amp;searchTerm=</a> Punctaj <math>8/2 \cdot 3 = 1,33</math></p> <p>2) <b>G.Gurau</b>, O.Dima, N.Cananau, N.Cazacu, A.Gonzales Barajas, Evaluarea si certificarea sistemelor calității, Editura Fundației Universitare “Dunărea de Jos” Galați 2000, ISBN 973-8139-07-4 (143 pagini) <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=35318&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=35318&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a></p> <p><a href="#">Dovezi Dosar de abilitare\Dovezi Cap.1.1.1.2\Carti si capitole .docx</a> Punctaj <math>143/5 \cdot 5 = 5.72</math></p> <p>3) N.Cananau, <b>G.Gurau</b> Comportarea la deformare a materialelor metalice. Ecuatii constitutive, Editura Evrika, Brăila,1996, ISBN 973-97601-9-8,(123 pagini) <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=9790&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=9790&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a> Punctaj <math>123/5 \cdot 2 = 12.3</math></p> <p>4) N.Cananau, D., Dima, <b>G.Gurau</b>, A.Gonzales Barajas, Sisteme de asigurare a calității, (Quality Assurance Systems) Ed. Junimea, Iași, 1998, ISBN 973-37-0347-8 (232 pagini) <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=38288&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=38288&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a> Punctaj <math>232/5 \cdot 4 = 11.60</math></p>

<p><b>1.1.</b></p>	<p><b>Cărți și capitole în cărți de specialitate în edituri recunoscute [autor edituri naționale]</b></p>			<p><b>5)</b> Cazacu, N.Cananau, <b>G.Gurau</b>, Ana Gonzales Barajas – Introducere in ingineria calitatii, Editura Fundației Universitare “Dunărea de Jos” Galați 2000, ISBN, 973-8139-03-1 (91 pagini) <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=32640&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=32640&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a> Punctaj 91/5*4=4.55</p> <p><b>6)</b> Nelu Cazacu, <b>G. Gurău</b>, Nicolae Cănanău, Ana Gonzales Barajas - Ingineria calității și proiectarea experimentelor, Editura Fundației Universitare "Dunărea de Jos", Galați, 2001, ISBN, 973-8139-78-3, (102 pagini) <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=32570&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=32570&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a> Punctaj 102/5*4=5.10</p>
<p><b>1.1.2.</b></p>	<p><b>Cărți/capitole ca editor</b></p> <p><b>1.1.2.1.</b> <b>Nr.pagini/(3xnr.editorii)</b></p>	<p><b>1.1.2.1</b> <b>Internationale</b></p>	<p><b>2</b></p>	<p><b>1)</b>IOP Conference Series: Materials Science and Engineering, Volume 485, Issue 1,pages199 ISSN: 17578981, 27 March 2019, 8th Conference on Material Science and Engineering, UGALMAT 2018; Galati; Romania; 11 October 2018 through 13 October 2018, Volume Editors: Potecasu F.,<b>Gurau G.</b>,Busila M. <a href="https://iopscience.iop.org/issue/1757-899X/485/1">https://iopscience.iop.org/issue/1757-899X/485/1</a> Punctaj 199/3*3=22.1</p> <p><b>2)</b>Nanotechnologies and Advanced Materials, ISBN-13:978-3-0357-1069-4Subtitle:7th Conference on Material Science &amp; Engineering UGALMAT 2016Authors / Editors:Viorica Mușat, Florentina Potecașu, Tamara Radu, <b>Gheorghe Gurău</b> Category:Selected, peer reviewed papers from the 7th edition of the International Conference on Material Science&amp;Engineering, UgalMat 2016, May 19-21, 2016, Galati, Romania, Pages:268 Year: 2017, Periodical:Advanced Materials Research Vol. 1143, Edition:softcover <a href="http://www.ttp.net/978-3-0357-1069-4.html">http://www.ttp.net/978-3-0357-1069-4.html</a> Punctaj 268/3*4=22.33</p>
	<p><b>Cărți/capitole ca editor</b></p> <p><b>1.1.2.2.</b> <b>Nr.pagini/(7xnr.editorii)</b></p>	<p><b>1.1.2.2</b> <b>Naționale</b></p>	<p><b>3</b></p>	<p><b>1)</b>Tehnologii și materiale avansate : Lucrările Conferinței Internaționale UgalMat Text tipărit : monografic Limba: Engleză Editură: Galați University Press (GUP) Locul publicării: Galați Anul Ediției: 2009 ISSN: 1843-5807 Cota: IV 16654. Vol1 257p <a href="http://catalog.ucv.ro/opac/bibliographic_view/230731">http://catalog.ucv.ro/opac/bibliographic_view/230731</a> Punctaj 257/7*4=9.17</p> <p><b>2)</b>Tehnologii și materiale avansate : Lucrările Conferinței Internaționale UgalMat Text tipărit : monografic Limba: Engleză Editură: Galați University Press (GUP) Locul publicării: Galați Anul Ediției: 2009 ISSN: 1843-5807 Cota: IV 16654. Vol2 300p <a href="http://catalog.ucv.ro/opac/bibliographic_view/230730?pn=opac%2FSearch&amp;q=gurau+gheorghe">http://catalog.ucv.ro/opac/bibliographic_view/230730?pn=opac%2FSearch&amp;q=gurau+gheorghe</a> Punctaj 300/7*4=10.71</p> <p><b>3)</b>Tehnologii și materiale avansate: Lucrările Conferinței Internaționale UgalMat 2011 : 21-22 octombrie 2011, Tipul înregistrării: Text</p>

				<p>tipărit: monographic, Anul Ediției: 2011, ISSN:1843-5807, Descriere: 345 p. : fig., tab. <a href="http://catalog.ucv.ro/opac/bibliographic_view/230748;jsessionid=2B073D9A18046DE122BF7976624A6A40">http://catalog.ucv.ro/opac/bibliographic_view/230748;jsessionid=2B073D9A18046DE122BF7976624A6A40</a> Punctaj 345/7*4=12.32</p>
<b>1.2.1</b>	<p><b>Manuale didactice, inclusiv monografii, electronice</b></p> <p><b>1.2.1. Nr.pagini/(10xnr. autori)</b></p>	<b>2 1 prim autor</b>	<b>5 3 prim autor</b>	<p><b>1)</b> N Cananau, O Dima, <b>G Gurau</b>, Procesare prin stantare si matritare, Galati University Press, 2012, ISBN 978 606 8348 66 7, (268 pagini) Punctaj 270/10*3=9 <a href="http://www.gup.ugal.ro/guppress/index.php/test/catalog/book/389">http://www.gup.ugal.ro/guppress/index.php/test/catalog/book/389</a></p> <p><b>2)</b> Nicolae Cănanău, <b>G. Gurău</b>, Ovidiu Dima, Carmela Gurău, Calitate totală.(Total Quality), Editura Didactică și Pedagogică București, 2005, ISBN 973-30-1532-6, 2005, (394 pagini) Punctaj 394/10*4=9,85 <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=21241&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=21241&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a></p> <p><b>3)</b> <b>G.Gurau</b>, O.Dima, N.Cananau, N.Cazacu, A.Gonzales Barajas, Sistemul calității ISO 9000 in întreprinderile mici si mijlocii din România, Editura Fundației Universitare “Dunărea de Jos” Galati, 2000, ISBN 973-8139-20-1 (104 pagini) <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=33761&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=33761&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a> Punctaj 104/10*5=2,08</p> <p><b>4)</b> <b>G Gurău</b>, Tehnologia materialelor, Universitatea Dunarea de Jos, Galați 2005, (141 pagini) Punctaj 141/10*1=14.1 <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=18632&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=18632&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a></p> <p><b>5)</b> <b>G Gurau</b> Tehnica de Măsurarii și Asigurarea Calității Universitatea Dunarea de Jos, Galați 2006, (pagini)(suport electronic) <a href="#">Tehnica Masurarii si Asigurarea Calitatii.pdf</a> Punctaj 86/10*1=8.6</p>
<b>1.2.2.</b>	<p><b>Îndrumare de laborator</b></p> <p><b>1.2.2. Nr.pagini/(20xnr. autori)</b></p>	<b>-</b>	<b>3</b>	<p><b>1)</b> N Cananau, O Dima, <b>G Gurau</b>, Procesare prin stantare si matritare, Indrumar de laboratorGalati University Press, 2012, ISBN 978 606 834844 5, (165pagini) <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=9124&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=9124&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a> Punctaj 165/20*3=2,75</p> <p><b>2)</b> N.Cananau, V Petrescu,O Dima, <b>G.Gurau</b>, N.Cananau, V Petrescu,O Dima, G.Gurau, O Vatamanu, V Dragan, G Gurau, Tehnologia materialelor. Îndrumar de laborator, vol.II Universitatea din Galați 1993, ( 219 pagini) <a href="http://upm.ebibliophil.ro/carte/tehnologia-materialelor-ndrumar-de-laborator-vol-2">http://upm.ebibliophil.ro/carte/tehnologia-materialelor-ndrumar-de-laborator-vol-2</a>  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.1.1.1.2\Carti si capitole .docx</a> Punctaj 219/20*4=1,85</p>

					<p><b>3)</b> N Cananau, <b>G Gurau</b>, O Dima, C Gurau, Sisteme de asigurare a calitatii, Indrumar de laborator, Universitatea Dunarea de Jos din Galati, 2003, (131 Pagini)  <a href="https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=27053&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe">https://opac.lib.ugal.ro/cgi-bin/koha/opac-detail.pl?biblionumber=27053&amp;query_desc=kw%2Cwrdl%3A%20Gurau%20Gheorghe</a>  Punctaj 131/20*4=1,63</p>
<b>Total activitatea didactică și profesională (A1)</b>			<b>Min 60 puncte</b>		<b>Realizat 167 puncte</b>
<b>2.1.</b>	<p>Articole în reviste cotate ISI Thomson Reuters-Web of Science Core Collection și în volume indexate ISI procedin gs - Web of Science, în specificul postului scos la concurs [2]</p>	<p><b>2.1.1. Minim 15 articole pentru Profesor/CS I din care min. 10 în Reviste cotate ISI Th.R. [din care min. 5 cu FI de min. 1, și min. 5 ca autor principal cu FI min 0,5] [3]</b></p> <p><b>50xFI/nr.autori</b></p>	<b>min 15</b>	<b>Realizat 33</b>	<p><b>1). Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Tolea, F (Tolea, Felicia); Sampath, V (Sampath, Vedamanickam), Structural Change in Ni-Fe-Ga Magnetic Shape Memory Alloys after Severe Plastic Deformation, MATERIALS, Volume: 12, Issue: 12, Article Number: 1939, DOI: 10.3390/ma12121939, Published: JUN 2 2019, Document Type: Article  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.1.1.1\1 Structural Change in Ni-Fe-Ga Magnetic Shape Memory .pdf</a>   <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=2</a>  Punctaj 50*2,972/4=37.175</p> <p><b>2).</b>Gurau, C (Gurau, C.); <b>Gurau, G</b> (Gurau, G.); Tolea, F (Tolea, F.); Sampath, V (Sampath, V), STRUCTURAL EVOLUTION OF THE NiTi/NiFeGa SMART HYBRID MATERIAL DURING SEVERE PLASTIC DEFORMAT ION,DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, Volume: 14 Issue: 3 Pages: 539-546, Published: JUL-SEP 2019,Document Type:Article  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.1.1.1\2 STRUCTURAL EVOLUTION OF THE NiTiNiFeGa SMART.pdf</a>   <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=1</a>  Punctaj 50*0,638/4=7.975</p> <p><b>3).</b> Paleu, V (Paleu, V); <b>Gurau, G</b> (Gurau, G.); Comaneci, RI (Comaneci, R., I); Sampath, V (Sampath, V); Gurau, C (Gurau, C.); Bujoreanu, LG (Bujoreanu, L. G.), A new application of Fe-28Mn-6Si-5Cr (mass%) shape memory alloy, for self-adjustable axial preloading of ball bearings, SMART MATERIALS AND STRUCTURES, Volume: 27 Issue: 7, Article Number: 075026, DOI: 10.1088/1361-665X/aac4c5, Published: JUL 2018, Document Type:Article</p>

		<p><b>2.1.1. Minim 15 articole pentru Profesor/CS I din care min. 10 în Reviste cotate ISI Th.R. [din care min. 5 cu FI de min. 1, și min. 5 ca autor principal cu FI min 0,5] [3]</b></p> <p><b>50xFI/nr. autori</b></p>		<p><a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.1.1.1\3_A new application of Fe-28Mn-6Si-5Cr (mass%) shape memory alloy.pdf</a></p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=7">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=7</a></p> <p>Punctaj 50*3,543/6=29.525</p> <p><b>4).</b> Gurau, C (Gurau, Carmela); <b>Gurau, G</b> (Gurau, Gheorghe; Sampath, V (Sampath, V.), Structural study and phase transformation of Cu-Al-Ni shape memory alloy produced by severe plastic deformation, INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, Volume: 25 Issue: 1 Pages: 5-10, Published: FEB 2018, Document Type:Article</p> <p><a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.1.1.1\4_Structural study and phase transformation of Cu-Al-Ni shape memory.pdf</a></p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=11">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=11</a></p> <p>Punctaj 50*0.794/3=13.2333</p> <p><b>5).</b> <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Sampath, V (Sampath, Vedamanickam); Bujoreanu, LG (Bujoreanu, Leandru Gheorghe), Investigations of a nanostructured FeMnSi shape memory alloy produced via severe plastic deformation, INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, Volume: 23 Issue: 11 Pages: 1315-1322, DOI: 10.1007/s12613-016-1353-6, Published: NOV 2016, Document Type:Article</p> <p><a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.1.1.1\5_ Investigations of a nanostructured FeMnSi shape memory alloy produced .pdf</a></p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=19">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=19</a></p> <p>Punctaj 50*1.221/4=15.2625</p> <p><b>6).</b> Iticescu, C (Iticescu, Catalina); Georgescu, LP (Georgescu, Lucian P.); <b>Gurau, G</b> (Gurau, Gheorghe); Murarescu, M (Murarescu, Monica); Dima, D (Dima, Dumitru); Murariu, G (Murariu, Gabriel); Gheorghies, C (Gheorghies, Constantin), METHODS TO REDUCE ENVIRONMENTAL IMPACT OF MUNICIPAL WASTE WATER SEWAGE SLUDGE, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 14 Issue: 10 Pages: 2457-2463, Published: OCT 2015, Document Type:Article</p> <p><a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.1.1.1\6_METHODS TO REDUCE ENVIRONMENTAL IMPACT OF MUNICIPAL.pdf</a></p>
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			<p><b>Inreviste cotate ISI min10</b></p>	<p><b>Realizat 15</b></p>	<p><b>1).</b> <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Tolea, F (Tolea, Felicia); Sampath, V (Sampath, Vedamanickam), Structural Change in Ni-Fe-Ga Magnetic Shape Memory Alloys after Severe Plastic Deformation, MATERIALS, Volume: 12, Issue: 12, Article Number: 1939, DOI: 10.3390/ma12121939, Published: JUN 2 2019, Document Type: Article</p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=2</a></p> <p><b>2).</b> Gurau, C (Gurau, C.); <b>Gurau, G</b> (Gurau, G.); Tolea, F (Tolea, F.); Sampath, V (Sampath, V), STRUCTURAL EVOLUTION OF THE NiTi/NiFeGa SMART HYBRID MATERIAL DURING SEVERE PLASTIC DEFORMATION, DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, Volume: 14 Issue: 3 Pages: 539-546, Published: JUL-SEP 2019, Document Type: Article</p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=1</a></p>

		<p>Înreviste cotate ISI</p>		<p><b>3).</b> Paleu, V (Paleu, V); <b>Gurau, G</b> (Gurau, G.); Comaneci, RI (Comaneci, R., I); Sampath, V (Sampath, V); Gurau, C (Gurau, C.); Bujoreanu, LG (Bujoreanu, L. G.), A new application of Fe-28Mn-6Si-5Cr (mass%) shape memory alloy, for self-adjustable axial preloading of ball bearings, SMART MATERIALS AND STRUCTURES, Volume: 27 Issue: 7, Article Number: 075026, DOI: 10.1088/1361-665X/aac4c5, Published: JUL 2018, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=7">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=7</a></p> <p><b>4).</b> Gurau, C (Gurau, Carmela); <b>Gurau, G</b> (Gurau, Gheorghe; Sampath, V (Sampath, V.)), Structural study and phase transformation of Cu-Al-Ni shape memory alloy produced by severe plastic deformation, INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, Volume: 25 Issue: 1 Pages: 5-10, Published: FEB 2018, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=11">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=11</a></p> <p><b>5).</b> <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Sampath, V (Sampath, Vedamanickam); Bujoreanu, LG (Bujoreanu, Leandru Gheorghe), Investigations of a nanostructured FeMnSi shape memory alloy produced via severe plastic deformation, INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, Volume: 23 Issue: 11 Pages: 1315-1322, DOI: 10.1007/s12613-016-1353-6, Published: NOV 2016, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=19">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=19</a></p> <p><b>6).</b> Iticescu, C (Iticescu, Catalina); Georgescu, LP (Georgescu, Lucian P.); <b>Gurau, G</b> (Gurau, Gheorghe); Murarescu, M (Murarescu, Monica); Dima, D (Dima, Dumitru); Murariu, G (Murariu, Gabriel); Gheorghies, C (Gheorghies, Constantin), METHODS TO REDUCE ENVIRONMENTAL IMPACT OF MUNICIPAL WASTE WATER SEWAGE SLUDGE, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 14 Issue: 10 Pages: 2457-2463, Published: OCT 2015, Document Type:Article  <a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C3ArPs6WCLTeBKl6u6&amp;page=1&amp;doc=27">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C3ArPs6WCLTeBKl6u6&amp;page=1&amp;doc=27</a></p>
		<p>Înreviste cotate ISI</p>		

		<p><b>Înreviste        cotate ISI</b></p>		<p><b>7).</b> Bujoreanu, LG (Bujoreanu, L. G.); Comaneci, RI (Comaneci, R. I.) ; <b>Gurau, G</b> (Gurau, G.); Lohan, NM (Lohan, N. M.); Suru, MG (Suru, M. G.); Pricop, B (Pricop, B.); Goanta, V (Goanta, V.); Musat, V (Musat, V.); Istrate, B (Istrate, B.); Mihalache, E (Mihalache, E.), Thermomechanical training effects of multifunctional modules processed by high-speed high pressure torsion, INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, Volume: 22 Issue: 4 Pages: 367-375, Published: AUG 2015, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=33">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=33</a></p> <p><b>8).</b> <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Potecasu, O (Potecasu, Octavian); Alexandru, P (Alexandru, Petrica); Bujoreanu, LG (Bujoreanu, Leandru-Gheorghe), Novel High-Speed High Pressure Torsion Technology for Obtaining Fe-Mn-Si-Cr Shape Memory Alloy Active Elements, JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, Volume: 23 Issue: 7 Pages: 2396-2402 Special Issue: SI, DOI: 10.1007/s11665-014-1060-2, Published: JUL 2014, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=50">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=50</a></p> <p><b>9).</b> <b>Gurau, G</b> (Gurau, G.); Gurau, C (Gurau, C.); Braz-Fernandes, FM (Braz-Fernandes, F. M.); Bujoreanu, LG (Bujoreanu, L. G.), An experimental study on the response of equal channel angular pressed aluminium subjected to cold rolling, INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, Volume: 21 Issue: 3 Pages: 253-258 Special Issue: SI, Published: JUN 2014, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=2&amp;doc=51">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=2&amp;doc=51</a></p> <p><b>10).</b> Dumitru, FD (Dumitru, Florina-Diana); Ghiban, B (Ghiban, Brandusa); Cabrera-Marrero, JM (Cabrera-Marrero, Jose Maria); Higuera-Cobos, OF (Higuera-Cobos, Oscar-Fabian); <b>Gurau, G</b> (Gurau, Gheorghe); Ghiban, N (Ghiban, Nicolae), MICROSTRUCTURAL, THERMICAL AND MECHANICAL CHARACTERISATION OF ZK60 ALLOY PROCESSED THROUGH ECAP, METALURGIA INTERNATIONAL, Volume: 18 Pages: 33-36 Special Issue: 2, Published: 2013, Document Type:Article</p>
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		In reviste cu factor de impact min.1	Min 5	Realizat 6	<p>1). <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Tolea, F (Tolea, Felicia); Sampath, V (Sampath, Vedamanickam), Structural Change in Ni-Fe-Ga Magnetic Shape Memory Alloys after Severe Plastic Deformation, MATERIALS, Volume: 12, Issue: 12, Article Number: 1939, DOI: 10.3390/ma12121939, Published: JUN 2 2019, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=2</a>            FI 2,972</p> <p>2). Paleu, V (Paleu, V); <b>Gurau, G</b> (Gurau, G.); Comaneci, RI (Comaneci, R., I); Sampath, V (Sampath, V); Gurau, C (Gurau, C.); Bujoreanu, LG (Bujoreanu, L. G.), A new application of Fe-28Mn-6Si-5Cr (mass%) shape memory alloy, for self-adjustable axial preloading of ball bearings, SMART MATERIALS AND STRUCTURES, Volume: 27 Issue: 7, Article Number: 075026, DOI: 10.1088/1361-665X/aac4c5, Published: JUL 2018, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=7">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=7</a>            FI 3,543</p> <p>3). <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Sampath, V (Sampath, Vedamanickam); Bujoreanu, LG (Bujoreanu, Leandru Gheorghe), Investigations of a nanostructured FeMnSi shape memory alloy produced via severe plastic deformation, INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, Volume: 23 Issue: 11 Pages: 1315-1322, DOI: 10.1007/s12613-016-1353-6, Published: NOV 2016, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=19">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=19</a>            FI 1.221</p>
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		<p>In reviste cu factor de impact min.1</p>			<p><b>4).</b> Iticescu, C (Iticescu, Catalina); Georgescu, LP (Georgescu, Lucian P.); <b>Gurau, G</b> (Gurau, Gheorghe); Murarescu, M (Murarescu, Monica); Dima, D (Dima, Dumitru); Murariu, G (Murariu, Gabriel); Gheorghies, C (Gheorghies, Constantin), METHODS TO REDUCE ENVIRONMENTAL IMPACT OF MUNICIPAL WASTE WATER SEWAGE SLUDGE, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 14 Issue: 10 Pages: 2457-2463, Published: OCT 2015, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=31">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=31</a>                  FI 1.186</p> <p><b>5).</b> <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Potecasu, O (Potecasu, Octavian); Alexandru, P (Alexandru, Petrica); Bujoreanu, LG (Bujoreanu, Leandru-Gheorghe), Novel High-Speed High Pressure Torsion Technology for Obtaining Fe-Mn-Si-Cr Shape Memory Alloy Active Elements, JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, Volume: 23 Issue: 7 Pages: 2396-2402 Special Issue: SI, DOI: 10.1007/s11665-014-1060-2, Published: JUL 2014, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=50">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=50</a>                  FI 1,476</p> <p><b>6).</b> Mahesh, KK (Mahesh, K. K.); Fernandes, FMB (Braz Fernandes, F. M.); <b>Gurau, G</b> (Gurau, G.), Stability of thermal-induced phase transformations in the severely deformed equiatomic Ni-Ti alloys, JOURNAL OF MATERIALS SCIENCE, Volume: 47 Issue: 16 Pages: 6005-6014, DOI: 10.1007/s10853-012-6508-x, Published: AUG 2012, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=2&amp;doc=81">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=2&amp;doc=81</a>                  FI 3,442</p>
		<p>In reviste cu factor de impact min.0.5 ca prim autor</p> <p><b>4.</b></p>	<p>Min 5</p>	<p>Realizat 6</p>	<p><b>1).</b> <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Tolea, F (Tolea, Felicia); Sampath, V (Sampath, Vedamanickam), Structural Change in Ni-Fe-Ga Magnetic Shape Memory Alloys after Severe Plastic Deformation, MATERIALS, Volume: 12, Issue: 12, Article Number: 1939, DOI: 10.3390/ma12121939, Published: JUN 2 2019, Document Type:Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=50">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=50</a></p>

		<p>In reviste cu factor de impact min.0.5 ca prim autor</p>		<p><a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=2">id=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=2</a>        2,972</p> <p><b>2).</b> Gurau, C (Gurau, C.); <b>Gurau, G</b> (Gurau, G.); Tolea, F (Tolea, F.); Sampath, V (Sampath, V), STRUCTURAL EVOLUTION OF THE NiTi/NiFeGa SMART HYBRID MATERIAL DURING SEVERE PLASTIC DEFORMATION, DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, Volume: 14 Issue: 3 Pages: 539-546, Published: JUL-SEP 2019, Document Type: Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=1</a>        Punctaj <math>50 \cdot 0,638/4 = 7.975</math></p> <p><b>3).</b> Gurau, C (Gurau, Carmela); <b>Gurau, G</b> (Gurau, Gheorghe); Sampath, V (Sampath, V.), Structural study and phase transformation of Cu-Al-Ni shape memory alloy produced by severe plastic deformation, INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, Volume: 25 Issue: 1 Pages: 5-10, Published: FEB 2018, Document Type: Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=11">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=11</a>        Punctaj <math>50 \cdot 0.794/3 = 13.2333</math></p> <p><b>4).</b> <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Sampath, V (Sampath, Vedamanickam); Bujoreanu, LG (Bujoreanu, Leandru Gheorghe), Investigations of a nanostructured FeMnSi shape memory alloy produced via severe plastic deformation, INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, Volume: 23 Issue: 11 Pages: 1315-1322, DOI: 10.1007/s12613-016-1353-6, Published: NOV 2016, Document Type: Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=19">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=19</a>        Punctaj <math>50 \cdot 1.221/4 = 15.2625</math></p> <p><b>5).</b> <b>Gurau, G</b> (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Potecasu, O (Potecasu, Octavian); Alexandru, P (Alexandru, Petrica); Bujoreanu, LG (Bujoreanu, Leandru-Gheorghe), Novel High-Speed High Pressure Torsion Technology for Obtaining Fe-Mn-Si-Cr Shape Memory Alloy Active Elements, JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, Volume: 23 Issue: 7 Pages: 2396-2402 Special Issue: SI, DOI: 10.1007/s11665-014-1060-2, Published: JUL 2014, Document Type: Article  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;q">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;q</a></p>
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2.2.	<p>Articole în reviste și volumele unor manifestări științifice indexate în alte Baze de Date Internaționale [BDI], în specificul postului scos la concurs [4]</p> <p>50x0,08/nr.autori</p>	-	Realizat 43	<p><b>1). Gurau, G.</b>, Gurau, C., Gurau, L., Achieving ultra-fine grained microalloyed steel by severe plastic process, 2019, IOP Conference Series: Materials Science and Engineering485(1),012009, <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85063867814&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=3&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85063867814&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=3&amp;citeCnt=0&amp;searchTerm=</a> Punctaj 50x0.08/3=1.33</p> <p><b>2).</b> Popa, M., Pricop, B., Comaneci, R.-I., <b>Gurau, G</b>, Vollmer, M., Krooss, P, Niendorf, T., Bujoreanu, L.-G., Processing effects on tensile superelastic behaviour of Fe43.5Mn34Al15 ± XNi7.5TX shape memory alloys, 2019, IOP Conference Series: Materials Science and Engineering 591(1),012026, <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85072100027&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85072100027&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=</a> Punctaj 50x0.08/8=0,5</p> <p><b>3).</b> Potecasu, F., Gurau, G., Busila, M. 8th International Conference on Material Science and Engineering, 2019, IOP Conference Series: Materials Science and Engineering 485(1),011001 <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85063860095&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=4&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85063860095&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=4&amp;citeCnt=0&amp;searchTerm=</a> Punctaj 50x0.08/3=1.33</p> <p><b>4).</b> Gurau, C., <b>Gurau, G.</b>, Alexandru, P., Basliu, V., Formation of submicrocrystalline structure in a biodegradable Mg alloy, 2019, IOP Conference</p>	



	<p>Articole în reviste și volumele unor manifestări științifice indexate în alte Baze de Date Internaționale [BDI], în specificul postului scos la concurs [4]</p> <p>50x0,08/nr.autori</p>		<p>Series: Materials Science and Engineering 485(1),012010  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85063895045&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=5&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85063895045&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=5&amp;citeCnt=0&amp;searchTerm=</a></p> <p>Punctaj 50x0.08/4=1</p> <p>5). Filimon, V., Borda, D., <b>Gurău, G.</b>, Butan, S, Alexe, P., Stoica, M., Study on the changes induced by the Pressure-Assisted Thermal Processing (PATP) in polymer films used as packaging by the meat industry, 2019, IOP Conference Series: Materials Science and Engineering 485(1),012007  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85063861183&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=6&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85063861183&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=6&amp;citeCnt=0&amp;searchTerm=</a></p> <p>Punctaj 50x0.08/6=0,66</p> <p>6). Marin, F.B., Marin, M., Gurău, C., <b>Gurău, G.</b>, Artificial neural network (ANN) application to predict the mechanical properties in some iron-based powder metallurgy alloys, 2019, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 19(2.1), pp. 115-121  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85073333778&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=7&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85073333778&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=7&amp;citeCnt=0&amp;searchTerm=</a></p> <p>Punctaj 50x0.08/4=1</p> <p>Marin, M., Marin, F.B., <b>Gurău, C.</b>, Gurău, G., Use of artificial neural network in prediction the wear resistance of some iron- based powder metallurgy , 2019, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 19(2.1), pp. 689-696  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85073333778&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=7&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85073333778&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=7&amp;citeCnt=0&amp;searchTerm=</a></p> <p>7). Gurau, G., Gurau, C., Marin, M., Marin, F.B., On deformation behaviour and microstructural change of cu-9.51al-3.81ni alloy, 2018, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 18(6.1), pp. 363-370  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85058882598&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-">https://www.scopus.com/record/display.uri?eid=2-s2.0-85058882598&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-</a></p>
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	<p><b>Articole în reviste și volumele unor manifestări științifice indexate în alte Baze de Date Internaționale [BDI], în specificul postului scos la concurs [4]</b></p> <p><b>50x0,08/nr.autori</b></p>			<p><a href="#">ID%2836716151700%29&amp;relpos=10&amp;citeCnt=0&amp;searchTerm=</a></p> <p>Punctaj 50x0.08/4=1</p> <p><b>8).</b> Gurau, C., Gurau, G., Gurau, L., Marin, M., Marin, F.B., Composition effects and thermomechanical treatments on mechanical and structural performance of s420nl steel, 2018, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 18(6.1), pp. 131-138 <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85058888335&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=12&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85058888335&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=12&amp;citeCnt=0&amp;searchTerm=</a></p> <p>Punctaj 50x0.08/4=1</p> <p><b>9).</b> Marin, F.B., Marin, M., Gurău, G., Gurău, C., Petrică, A., Application of an artificial neural network for prediction of the wear resistance of sintered iron alloys, 2018, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 18(6.1), pp. 55-60</p> <p>Punctaj 50x0.08/5=0,8</p> <p><b>10).</b> Marin, M., Marin, F.B., Gurău, C., Gurău, G., Alexandru, P., Experimental and prediction of porosity in some sintered iron-based powder metallurgy materials by using artificial neural networks, 2018, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 18(6.1), pp. 207-212 <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85058878610&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=13&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85058878610&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=13&amp;citeCnt=0&amp;searchTerm=</a></p> <p>Punctaj 50x0.08/4=1</p> <p><b>11).</b> Marin, F.B., Marin, M., Gurău, G., Gurău, C., Petrea, I., Image processing analysis of porosity in some iron-based powder metallurgy materials, 2018, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 18(6.1), pp. 235-242, <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85058870820&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=15&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85058870820&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b16a2dc37b44958b199d1c4846b294b6&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=15&amp;citeCnt=0&amp;searchTerm=</a></p> <p>Punctaj 50x0.08/4=1</p> <p><b>12)</b> C. Gurău, G. Gurău, L. Gurău, P. Alexandru , Fabrication of ultrafine low carbon metallic multilayer by accumulative roll bonding process, , THE ANNALS OF“DUNAREA DE JOS”</p>
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	<p>Articole în reviste și volumele unor manifestări științifice indexate în alte Baze de Date Internaționale [BDI], în specificul postului scos la concurs [4]</p> <p style="text-align: center;"><b>50x0,08/nr.autori</b></p>			<p><a href="https://www.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=04619579&amp;asa=Y&amp;AN=65647828&amp;h=y6hLqUkOfYOy0KCmzBa%2f63y9FwD3BJ9CgcwEHAzy5r%2fBBsOVXPLtrmyPCPpO2JQA0EGGabr2PvXoLf9s36ebag%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26asa%3dY%26AN%3d65647828">e%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26asa%3dY%26AN%3d64366909</a>                  Punctaj 50x0.08/4=1</p> <p><b>24)</b> Gurau C, <b>Gurau G</b>, FM Braz Fernandes, RJ Silva, Effects of ausforming temperatures of a shape memori alloy with DO3 structure, Metalurgia No. 7 2011, p 5-12,ISSN 0461-9579, <a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=04619579&amp;asa=Y&amp;AN=65647828&amp;h=y6hLqUkOfYOy0KCmzBa%2f63y9FwD3BJ9CgcwEHAzy5r%2fBBsOVXPLtrmyPCPpO2JQA0EGGabr2PvXoLf9s36ebag%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26asa%3dY%26AN%3d65647828">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=04619579&amp;asa=Y&amp;AN=65647828&amp;h=y6hLqUkOfYOy0KCmzBa%2f63y9FwD3BJ9CgcwEHAzy5r%2fBBsOVXPLtrmyPCPpO2JQA0EGGabr2PvXoLf9s36ebag%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26asa%3dY%26AN%3d65647828</a>                  Punctaj 50x0.08/4=1</p> <p><b>25)</b> Gurau, C, <b>Gurau, G</b>, FM Braz Fernandes, DSC study on shape meory effect in ausformed cooper based shape memory alloy, Metalurgia (Bucharest) [Metalurgia (Bucharest)]. no. 3, pp. 20-27. 2011. <a href="https://search.proquest.com/openview/40cab98e77db3ac07bde1330b08f8f6e/1?pq-origsite=gscholar&amp;cbl=886384">https://search.proquest.com/openview/40cab98e77db3ac07bde1330b08f8f6e/1?pq-origsite=gscholar&amp;cbl=886384</a>                  Punctaj 50x0.08/3=1.33</p> <p><b>26)</b> <b>Gurau G</b>, F M Braz Fernandes, Gurau C, KK Mahesh, RJ Cordeiro Silva, High pressure torsion (HPT) applied on Cu-Al-Ni shape memory alloy Metalurgia (Bucharest) [Metalurgia (Bucharest)]. no. 3, pp. 5-12. 2011, <a href="https://search.proquest.com/openview/40cab98e77db3ac0db4352993ca222a3/1?pq-origsite=gscholar&amp;cbl=886384">https://search.proquest.com/openview/40cab98e77db3ac0db4352993ca222a3/1?pq-origsite=gscholar&amp;cbl=886384</a>                  Punctaj 50x0.08/5=0.8</p> <p><b>27)</b> Karimbi K. Mahesh, Francisco M. Braz Fernandes, <b>Gheorghe Gurau</b>, Phase Transformation in Ni-Ti Shape Memory and Superelastic Alloys Subjected to High Pressure Torsion Advanced Materials Research, 2010 (Volumes 123 - 125), p.1007-1010, DOI 0.4028 /www.scientific.net/ AMR. 123-125.1007, <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-78650787170&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b3a86e8e6ef8f537c8483cea9684a533&amp;ot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=42&amp;citeCnt=2&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-78650787170&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=b3a86e8e6ef8f537c8483cea9684a533&amp;ot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2836716151700%29&amp;relpos=42&amp;citeCnt=2&amp;searchTerm=</a>                  Punctaj 50x0.08/3=1.33</p> <p><b>28)</b> .Carmela Gurau, <b>G Gurau</b> - Effects of Plastic Deformation and Temperature on Microstructural and Mechanical Properties of a Cu Al Ni Shape Memory Alloy, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.2 – 2009, pag 121-125, <a href="http://www.sim.ugal.ro/Anale/2009-Annals-vol-2.pdf">http://www.sim.ugal.ro/Anale/2009-Annals-vol-2.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>                  Punctaj 50x0.08/2=2</p>
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	<p>Articole în reviste și volumele unor manifestări științifice indexate în alte Baze de Date Internaționale [BDI], în specificul postului scos la concurs [4]</p> <p>50x0,08/nr.autori</p>		<p><b>29)</b> C Gurău, <b>G Gurău</b>, Nicolae Canănu, Florentina Potecașu, Victor Dogaru, F.M.Braz Fernandes - The Temperature Effect on Severely Deformed Aluminium by High Pressure Torsion, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.2 – 2009, pag8-11, <a href="http://www.sim.ugal.ro/Anale/2009-Annals-vol-2.pdf">http://www.sim.ugal.ro/Anale/2009-Annals-vol-2.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>                  Punctaj 50x0.08/5=0.8</p> <p><b>30)</b> .Nicolae Canănu, Petrică Alexandru, Liviu Gurău, <b>Gheorghe Gurău</b> - Establishing the Constitutive Law of a CrMo Alloyed Steel, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.2 – 2009, pag5-7, <a href="http://www.sim.ugal.ro/Anale/2009-Annals-vol-2.pdf">http://www.sim.ugal.ro/Anale/2009-Annals-vol-2.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>                  Punctaj 50x0.08/4=1</p> <p><b>31)</b> <b>G Gurau</b>, Carmela Gurau, Dinel Tanase - Severe Plastic Deformed Pure Aluminum by Equal Channel Angular Pressing, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.1 – 2009, pag166-168, <a href="http://www.sim.ugal.ro/Anale/2009-Annals-vol-1.pdf">http://www.sim.ugal.ro/Anale/2009-Annals-vol-1.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>                  Punctaj 50x0.08/3=1.33</p> <p><b>32)</b> Nicolae Canănu, Petrică Alexandru, Liviu Gurău, <b>G Gurău</b> – Researches on the Viscoplastic Behavior of a CrMo Alloyed Steel, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.1 – 2009, pag23-26, <a href="http://www.sim.ugal.ro/Anale/2009-Annals-vol-1.pdf">http://www.sim.ugal.ro/Anale/2009-Annals-vol-1.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>                  Punctaj 50x0.08/4=1</p> <p><b>33)</b> Carmela GURAU, <b>G GURAU</b>, F. M. Braz FERNANDES - X-Ray Diffraction Study of the Reverse Martensitic Transformation In Cu-Al-Ni Shape Memory Alloy, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.2 – 2008, pag37-40, <a href="http://www.sim.ugal.ro/Anale/2008-Annals-vol-2.pdf">http://www.sim.ugal.ro/Anale/2008-Annals-vol-2.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>                  Punctaj 50x0.08/3=1.33</p> <p><b>34)</b> Nicolae CANANAU, Petrica ALEXANDRU, Ionel PETREA, <b>G GURAU</b>, On the Constitutive Equation of a Low Carbon Steel, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.2 – 2008, pag17-20, <a href="http://www.sim.ugal.ro/Anale/2008-Annals-vol-2.pdf">http://www.sim.ugal.ro/Anale/2008-Annals-vol-2.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>                  Punctaj 50x0.08/4=1</p> <p><b>35)</b> Carmela GURAU, <b>G GURAU</b>, Nicolae CANANAU - Study of Severe Plastic Deformation by Torsion Test, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY</p>
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	<p>Articole în reviste și volumele unor manifestări științifice indexate în alte Baze de Date Internaționale [BDI], în specificul postului scos la concurs [4]</p>			<p>OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.1 – 2008, pag65-67  <a href="http://www.sim.ugal.ro/Anale/2008-Annals-vol-1.pdf">http://www.sim.ugal.ro/Anale/2008-Annals-vol-1.pdf</a>  <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>        Punctaj 50x0.08/3=1.33</p> <p><b>36) Nicolae CANANAU, Petrica ALEXANDRU, G GURAU, Ionel PETREA</b> -Researches Concerning the Deformation Behaviour of Low Carbon Steel, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.1 – 2008, pag47-50,  <a href="http://www.sim.ugal.ro/Anale/2008-Annals-vol-1.pdf">http://www.sim.ugal.ro/Anale/2008-Annals-vol-1.pdf</a>  <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>        Punctaj 50x0.08/4=1</p> <p><b>37) G GURAU, Carmela GURAU, Dinel TANASE, Elena Drugescu</b> – Severe Plastic Deformation an Advanced Method for Nanostructuring Shape Memory Alloys, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.2 – 2007, pag111-115,  <a href="http://www.sim.ugal.ro/Anale/2007-Annals-vol-2.pdf">http://www.sim.ugal.ro/Anale/2007-Annals-vol-2.pdf</a>  <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>        Punctaj 50x0.08/4=1</p> <p><b>38) Carmela GURĂU, G GURĂU, Petrică ALEXANDRU, Nicolae CANĂNĂU</b>- Two-way Shape Memory Effect in a Cu-13wt. %Al-4 wt.%Ni Shape Memory Alloy bythe Thermo - Mechanical Cycling Method, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.1 – 2007, pag94-96,  <a href="http://www.sim.ugal.ro/Anale/2007-Annals-vol-1.pdf">http://www.sim.ugal.ro/Anale/2007-Annals-vol-1.pdf</a>  <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>        Punctaj 50x0.08/4=1</p> <p><b>39) Nicolae CANĂNĂU, Petrică ALEXANDRU, G GURĂU</b> – Experimental Researches on the Constitutive Equation of Concrete Steel With Superior Characteristics, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.1 – 2007, pag46-49,  <a href="http://www.sim.ugal.ro/Anale/2007-Annals-vol-1.pdf">http://www.sim.ugal.ro/Anale/2007-Annals-vol-1.pdf</a>  <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>        Punctaj 50x0.08/3=1.33</p> <p><b>40) G Gurau, Carmela Gurau, N. Andronache</b> - Kinetic of Martensite Transformation in a Cu-13wt. %Al-4 wt.%Ni Shape Memory Alloy, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.2 – 2006, pag.95-97,  <a href="http://www.sim.ugal.ro/Anale/2006-Annals-vol-2.pdf">http://www.sim.ugal.ro/Anale/2006-Annals-vol-2.pdf</a>  <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a>        Punctaj 50x0.08/3=1.33</p> <p><b>41) Nicolae Cananau, G Gurau, Petrica Alexandru, Gheorghe Corobete</b> , Experimental</p>
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			<p>Equation of Deformation Behaviour of a Concrete Steel, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.2 – 2006, pag.23-26, <a href="http://www.sim.ugal.ro/Anale/2006-Annals-vol-2.pdf">http://www.sim.ugal.ro/Anale/2006-Annals-vol-2.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a> Punctaj 50x0.08/4=1</p> <p><b>42)</b> Carmela Gurău, <b>G Gurău</b> - Processing Smart Wires from Cu-Al-Ni System, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.1 – 2006, pag.27-30, <a href="http://www.sim.ugal.ro/Anale/2006-Annals-vol-1.pdf">http://www.sim.ugal.ro/Anale/2006-Annals-vol-1.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a> Punctaj 50x0.08/2=2</p> <p><b>43).</b>Nicolae Cănanău, Petrică Alexandru, <b>G Gurău</b>, Adriana Preda – <i>Researches Concerning the Correlation of the Semiplanetary Rolling Process Factors</i>, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.1 – 2006, pag.27-30, <a href="http://www.sim.ugal.ro/Anale/2006-Annals-vol-1.pdf">http://www.sim.ugal.ro/Anale/2006-Annals-vol-1.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a> Punctaj 50x0.08/3=1.33</p>
<p><b>2.3</b></p>	<p>Brevete de invenție acordate, neindexate /indexate ISI Thomson Reuters-Web of Science-Derwent Innovations Index</p> <p>Nationale neindexate ISI 15/nr.autori</p> <p>Nationale indexate ISI 25/nr.autori</p>	<p><b>2.3.2. Naționale</b></p>	<p><b>4</b></p> <p><b>1).</b>PROCEEDING OF BENDING CONTINUED CAST SLAB AND BENDING AND DRAWING MACHINE N.Canarau, O.Potecașu, <b>G.Gurau</b>, P.Alecsandru, Brevet no.122025, 28.11.2008, <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.3.2\Brevete.pdf</a>  <a href="http://bd.osim.ro/cgi-bin/invsearch8">http://bd.osim.ro/cgi-bin/invsearch8</a> Punctaj 15/4=3.75</p> <p><b>2).</b> MULTIFUNCTION ELEMENT WITH SELF-ADAPTIVE AXIAL MOVEMENT MADE OF A SHAPE MEMORY Fe-Mn-Si-Cr ALLOY Patent Number(s): RO129876-A2, ; RO129876-B1 Inventor(s): BUJOREANU L G, <b>GURAU G</b>, DAN I, STIRBU C, COMANECI R I, LOHAN N M, PRICOP B, PARASCHIV A L, SURU M G, GURAU C, LEANDRU G B, GHEORGHE G, IOAN D, CRISTEL S Patent Assignee Name(s) and Code(s): UNIV IASI TEHNICA ASACHI GHEORGHE (UYIA-Non-standard) Derwent Primary Accession Number: 2015-10386Y <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.3.2\Brevete.pdf</a>  <a href="http://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=7">http://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=7</a> Punctaj 25/13=1.9</p> <p><b>3).</b>PROCESS AND MACHINE FOR DEFORMING TAPER-SHAPED ACTIVE ELEMENTS MADE OF SHAPE-MEMORY</p>



	<p>Brevete de invenție acordate, neindexate /indexate ISI Thomson Reuters-Web of Science-Derwent Innovations Index</p>			<p>MATERIALS BY TWISTING UPON HIGH PRESSURE Patent Number(s):RO129900-A2 ; RO129900-B1 Inventor(s): <b>GURAU G</b>, BUJOREANU L, PTECASU O, CANANAU N, ALEXANDRU P, GURAU C, TANASE D Patent Assignee Name(s) and Code(s): UNIV GALATI DUNAREA JOS (UYGA-Non-standard) Derwent Primary Accession Number: 2015-10391H <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.3.2\Brevete.pdf</a>  <a href="http://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=8">http://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=8</a> Punctaj 25/7=3.57</p> <p>4). METHOD FOR INTRODUCING SLUDGE FROM WASTE WATER PURIFICATION PLANT, INVOLVES CONVERTING SLUDGE INTO POWDER, SINTERING WITH COKE POWDER, MIXING WITH AGGLOMERATE CHARGE AND TRANSFERRING CHARGE TO AGGLOMERATION BELT Patent Number(s):RO129647-A0; RO129647-B1 Inventor(s): <b>GURAU G</b>, GEORGESCU P L, CANANAU N, ITICESCU C, GURAU M C Patent Assignee Name(s) and Code(s): GURAU G(GURA-Individual) GEORGESCU P L(GEOR-Individual) CANANAU N(CANA-Individual) ITICESCU C(ITIC-Individual) GURAU M C(GURA-Individual) Derwent Primary Accession Number: 2014-P51023 <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.3.2\Brevete.pdf</a>  <a href="http://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=11#searchErrorMessage">http://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;page=1&amp;doc=11#searchErrorMessage</a> Punctaj 25/5=5</p>
<p><b>2.4.</b></p>	<p><b>2.4.1 Director /Responsabil partener: Minim 2 pentru Profesor /CS I, din care cel puțin 1 ca director;</b></p> <p><b>Internaționale 20xnr.ani</b></p> <p><b>Nationale 5xnr.ani</b></p>	<p><b>2.4.1.1. Internaționale</b></p> <p><b>2.4.1.2 Naționale</b></p>	<p><b>1</b></p> <p><b>2</b></p>	<p><b>1)</b> Project full title: FUNCTIONAL NANOSTRUCTURED IMPLANT FOR BONE FIXATION Project acronym: BoneFix Reference Acronym:MNET18/NMAT-3472 BoneFix <b>Director</b> <a href="http://www.bonefix.ugal.ro/">http://www.bonefix.ugal.ro/</a>  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.4\Dovezi contracte.pdf</a> Punctaj 20x1=20</p> <p><b>1)</b> NOI DIRECȚII DE DEZVOLTARE TEHNOLOGICĂ ȘI DE UTILIZARE A MATERIALELOR NANOCOMPOZITE AVANSATE” – ADVANCENANO.Contract PN III 47PCCDI/2018</p>

				<p><a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.4\Dovezi contracte.pdf</a> <b>Responsabil</b> Punctaj 5x1=5</p> <p><b>2). SISTEM MODULAR DE ELEMENTE MULTIFUNCTIONALE CU DEPLASARE AUTO-ADAPTIVA - MOSSADIS Contract no. 144./2012-2015, Parteneriate in domeniul prioritare PN II., (4 ani) –</b> <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.4\Dovezi contracte.pdf</a></p> <p><b>Responsabil</b> Punctaj 5 x 4 = 20</p>
	<p><b>2.4.2 Membru în echipa</b></p> <p><b>Internaționale</b> 4xnr.ani</p> <p><b>Naționale</b> 2xnr.ani</p>	<p><b>2.4.2.1. Internaționale</b></p>		<p><b>1) MNT-ERA.NET, Grant MNT7-029/2010 Multinanostructures: Multifunctional Zinc Oxide-Based Nanostructures: From Materials To A New Generation Of Devices. Romanian National Agency for Scientific Research. 2010-2012. Director proiect Prof.dr.chim Viorica Musat (3 ani)</b> <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.4\Dovezi contracte.pdf</a></p> <p>Punctaj 4 x 3 = 12</p>
			<p><b>2) FP7-NMP-2010-SMALL-4/NMP.2010-2.2-1;Contract Cercetare PC7: Nr.263042/2011 Organic-inorganic hybrids for electronics and photonics. Printable Organic-Inorganic Transparent Semiconductor Devices/ POINTS, 2010- 2012. Director proiect Prof.dr.chim Viorica Musat (3 ani)</b> <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.4\Dovezi contracte.pdf</a></p> <p>Punctaj 4 x 3 = 12</p>	
		<p><b>2.4.2.2 Naționale</b></p>		<p><b>1) Contract 174 INVENT Method of traction stress decrease to continuum casting of slabs. 2004-2006), Director prof.dr.ing. Nicolae Cananau</b> <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.2.4\Dovezi contracte.pdf</a></p> <p>Punctaj 2 x 3 = 6</p>
	<b>Total A2</b>	<b>320</b>	<b>370</b>	
<b>3</b>	<p><b>3.1 Citări în reviste cotate în ISI Thomson Reuters- Web of Science Core Collection [FI - Factor de Impact] și în alte BDI (FI se referă la jurnalul în care a fost publicat articolul care citează)</b></p> <p><b>ISI</b> 5/nr.autori pentru FI&lt;0,5 10/nr.autori pentru 0,5 &lt;FI&lt;1</p>	<b>30</b>	<b>61</b>	<p>Lucrearea <b>Fernandes, FMB (Fernandes, Francisco M. Braz)[ 1 ] ; Mahesh, KK (Mahesh, Karimbi K.)[ 1 ] ; Silva, RJC (Silva, Rui J. C.)[ 1 ] ; Gurau, C (Gurau, Carmela)[ 2 ] ; Gurau, G (Gurau, Gheorghe), XRD study of the transformation characteristics of severely plastic deformed Ni-Ti SMAs, PHYSICA STATUS SOLIDI C - CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 7 NO 5, Edited by:Stutzmann, M; Hildebrandt, S, Book Series: Physica Status Solidi C-Current Topics in Solid State Physics, Volume: 7 Issue: 5 Pages: 1348-1350, DOI: 10.1002/pssc.200983371, Published: 2010, Document Type:Proceedings Paper</b> <a href="http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;se">http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=E4rbTcJIsFQcccKH8Pz&amp;se</a></p>

	<p>15/nr. autori pentru <math>1 &lt; FI &lt; 2</math>          20/nr. autori pentru <math>FI &gt; 2</math>          30/nr. autori pentru <math>FI &gt; 5</math></p> <p style="text-align: center;"><b>BDI</b>          3/nr. autori</p> <p>3.1 Citări în reviste cotate în ISI Thomson Reuters- Web of Science Core Collection [FI - Factor de Impact] și în alte BDI (FI se referă la jurnalul în care a fost publicat articolul care citează)</p>		<p><a href="http://apps.webofknowledge.com/FullSearch.do?search_mode=GeneralSearch&amp;prID=5f2e7c45-34c4-4d13-b017-e180205855c6">arch_mode=GeneralSearch&amp;prID=5f2e7c45-34c4-4d13-b017-e180205855c6</a> A fost citata in:</p> <p>1). Structure and Properties of NiTi Shape Memory alloys After Severe Plastic Deformation          By: Stroz, Danuta; Palka, Jakub; Lekston, Zdzislaw; et al.          Conference: 9th European Symposium on Martensitic Transformations (ESOMAT 2012)          Location: St Petersburg, RUSSIA Date: SEP 09-16, 2012          Sponsor(s): ANALIT ltd; Shimadzu Europa GmbH, Shimadzu Moscow Representat Off; Pruftechnik MT GmbH; ATM GmbH, Moscow Representat Off; Zwick GmbH &amp; Co, St Petersburg Representat Off; BUEHLER, St Petersburg Representat Off; INSTRON, St Petersburg Representat Off; St Petersburg State Univ; Natl Univ Sci &amp; Technol MISIS; Ioffe Phys Techn Inst RAS; Inst Metal Phys, Ural Branch RAS; Tomsk State Univ; Inst Radio Engn &amp; Elect RAS; Natl Res Nucl Univ MEPhI; Inst Strength Phys &amp; Mat Sci RAS; Ural State Forest Engn Univ; Chelyabinsk State Univ; Alpha Technologies; Kurdyumov Inst Met Phys          EUROPEAN SYMPOSIUM ON MARTENSITIC TRANSFORMATIONS Book Series: Materials Science Forum Volume: 738-739 Pages: 501-505 Published: 2013  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.1\Citari.docx</a></p> <p><a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=CitingArticles&amp;qid=109&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=7">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=CitingArticles&amp;qid=109&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=7</a>          FI 0,339          Punctaj 5/5=1</p> <p>2). MECHANICAL PROPERTIES OF MAGNESIUM AZ31B ALLOY AFTER ULTRASONIC NANOCRYSTAL SURFACE MODIFICATION          By: Hou, Xiaoning; Zhang, Ruixia; Ren, Zhencheng; et al.          Conference: 11th ASME International Manufacturing Science and Engineering Conference (MSEC)          Location: Blacksburg, VA Date: JUN 27-JUL 01, 2016          Sponsor(s): ASME, Mfg Engn Div          PROCEEDINGS OF THE ASME 11TH INTERNATIONAL MANUFACTURING SCIENCE AND ENGINEERING CONFERENCE, 2016, VOL 2 Article Number: UNSP V002T01A009 Published:2016  <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=CitingArticles&amp;qid=113&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=CitingArticles&amp;qid=113&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=2</a>          Punctaj 3/5=0,6</p> <p>3). A systematic study of mechanical properties, corrosion behavior and biocompatibility of AZ31B Mg alloy after ultrasonic nanocrystal surface</p>
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	<p><b>3.1 Citări în reviste cotate în ISI Thomson Reuters- Web of Science Core Collection [FI - Factor de Impact] și în alte BDI (FI se referă la jurnalul în care a fost publicat articolul care citează)</b></p> <p style="text-align: center;"><b>ISI</b> 5/nr. autori pentru FI&lt;0,5 10/nr. autori pentru 0,5 &lt;FI&lt;1 15/nr. autori pentru 1 &lt;FI&lt;2 20/nr. autori pentru FI&gt;2 30/nr. autori pentru FI&gt;5</p> <p style="text-align: center;"><b>BDI</b> 3/nr. autori</p>		<p>By: Cirstea, C. D.; Karadeniz-Povoden, E.; Kozeschnik, E.; et al. Conference: International Conference on Innovative Research (ICIR Euroinvent) Location: Iasi, ROMANIA Date: MAY 25-26, 2017 Sponsor(s): Romanian Inventors Forum; Gheorghe Asachi Tech Univ Iasi, Fac Mat Sci &amp; Engn; Alexandru Ioan Cuza Univ Iasi, ARHEOINVEST Platform; Univ Malaysia Perlis, Ctr Excellence Geopolymer &amp; Green Technol; Malaysian Res &amp; Innovat Soc; EUROINVENT INTERNATIONAL CONFERENCE ON INNOVATIVE RESEARCH - ICIR EUROINVENT 2017 Book Series: IOP Conference Series- Materials Science and Engineering Volume: 209 Article Number: 012057 Published: 2017 <a href="http://apps.webofknowledge.com.am.e-nformation.ro/CitingArticles.do?product=WOS&amp;SID=C68gHYc1FmkDJoC9wey&amp;search_mode=CitingArticles&amp;parentProduct=WOS&amp;parentQid=1&amp;parentDoc=77&amp;REFID=432787574&amp;excludeEventConfig=ExcludelfFromNonInterProduct">http://apps.webofknowledge.com.am.e-nformation.ro/CitingArticles.do?product=WOS&amp;SID=C68gHYc1FmkDJoC9wey&amp;search_mode=CitingArticles&amp;parentProduct=WOS&amp;parentQid=1&amp;parentDoc=77&amp;REFID=432787574&amp;excludeEventConfig=ExcludelfFromNonInterProduct</a> BDI Punctaj 3/3=1</p> <p><b>14).</b> High-pressure torsion-induced phase transformations and grain refinement in Al/Ti composites By: Sun, Y.; Aindow, M.; Hebert, R. J.; et al. JOURNAL OF MATERIALS SCIENCE Volume: 52 Issue: 20 Pages: 12170-12184 Published: OCT 2017 <a href="http://apps.webofknowledge.com.am.e-nformation.ro/CitingArticles.do?product=WOS&amp;SID=C68gHYc1FmkDJoC9wey&amp;search_mode=CitingArticles&amp;parentProduct=WOS&amp;parentQid=1&amp;parentDoc=77&amp;REFID=432787574&amp;excludeEventConfig=ExcludelfFromNonInterProduct">http://apps.webofknowledge.com.am.e-nformation.ro/CitingArticles.do?product=WOS&amp;SID=C68gHYc1FmkDJoC9wey&amp;search_mode=CitingArticles&amp;parentProduct=WOS&amp;parentQid=1&amp;parentDoc=77&amp;REFID=432787574&amp;excludeEventConfig=ExcludelfFromNonInterProduct</a> FI3,442 Punctaj 20/3=6,66</p> <p><b>15).</b> Microstructure and mechanical properties of cold-rolled Ti50 Ni47 Fe3 shape memory alloy Li, Y.-F., Kang, X.-Y., Yin, X.-Q., Xie, H.-F., Mi, X.-J. 2014 Transactions of Nonferrous Metals Society of China (English Edition) 24(9), pp. 2890-289 <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84927167623&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=bd14d55b839477e229a354e9f5516ce9&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222014%2%2ct&amp;sl=0&amp;relpos=0&amp;citeCnt=4&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84927167623&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=bd14d55b839477e229a354e9f5516ce9&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222014%2%2ct&amp;sl=0&amp;relpos=0&amp;citeCnt=4&amp;searchTerm=</a> FI 2,338 Punctaj 15/3=5</p> <p><b>16).</b> Shape memory properties of fenicoti ribbons evidenced by magnetic measurements Tolea, F., Sofronie, M., Tolea, M., Kuncser, V., Valeanu, M. 2015 Digest Journal of Nanomaterials and Biostructures, 10(2), pp. 567-575</p>
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	<p>3.1 Citări în reviste cotate în ISI Thomson Reuters- Web of Science Core Collection [FI - Factor de Impact] și în alte BDI (FI se referă la jurnalul în care a fost publicat articolul care citează)</p> <p style="text-align: center;"><b>ISI</b>        5/nr. autori pentru FI&lt;0,5        10/nr. autori pentru 0,5 &lt;FI&lt;1        15/nr. autori pentru 1 &lt;FI&lt;2        20/nr. autori pentru FI&gt;2        30/nr. autori pentru FI&gt;5</p> <p style="text-align: center;"><b>BDI</b>        3/nr. autori</p>			<p><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84935873913&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=f6e6500f89bc39ad623ef741a87c06eb&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222015%22%2ct&amp;sl=0&amp;relpos=11&amp;citeCnt=2&amp;searchTerm=FI">https://www.scopus.com/record/display.uri?eid=2-s2.0-84935873913&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=f6e6500f89bc39ad623ef741a87c06eb&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222015%22%2ct&amp;sl=0&amp;relpos=11&amp;citeCnt=2&amp;searchTerm=FI</a>        FI 0,638        Punctaj 10/3=3,33</p> <p><b>17).</b> Magnetic and martensitic transformations in the bulk and melt spun ribbons of Ni57-x Ndx Fe18 Ga25 ferromagnetic shape memory alloys        Open Access        Țolea, F., Crișan, A.D., Sofronie, M., Țolea, M., Văleanu, M. 2015 Materials Today: Proceedings        2, pp. S875-S878  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84955452889&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=f6e6500f89bc39ad623ef741a87c06eb&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222015%22%2ct&amp;sl=0&amp;relpos=7&amp;citeCnt=1&amp;searchTerm=BDI">https://www.scopus.com/record/display.uri?eid=2-s2.0-84955452889&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=f6e6500f89bc39ad623ef741a87c06eb&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222015%22%2ct&amp;sl=0&amp;relpos=7&amp;citeCnt=1&amp;searchTerm=BDI</a>        BDI        Punctaj 3/3=1</p> <p><b>18).</b> Thermokinetic Simulation of Precipitation in NiTi Shape Memory Alloys, Open Access, Cirstea, C.D., Karadeniz-Povoden, E., Kozeschnik, E., (...), Balagurov, A., Cirstea, V. 2017 IOP Conference Series: Materials Science and Engineering, 209(1), 012057  <a href="https://www.scopus.com/results/citedbyresults.uri?sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=9b3486c8f1a33f6cafb0416fa01e62f7&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222017%22%2ct&amp;sl=0&amp;origin=authorProfile&amp;zone=highChart&amp;txGid=d10eb283561001237fc12fd569ef013aB">https://www.scopus.com/results/citedbyresults.uri?sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=9b3486c8f1a33f6cafb0416fa01e62f7&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222017%22%2ct&amp;sl=0&amp;origin=authorProfile&amp;zone=highChart&amp;txGid=d10eb283561001237fc12fd569ef013aB</a>        DI        Punctaj 3/3=1</p> <p><b>19).</b> High-pressure torsion-induced phase transformations and grain refinement in Al/Ti composites, Sun, Y., Aindow, M., Hebert, R.J., Langdon, T.G., Lavernia, E.J. 2017, Journal of Materials Science 52(20), pp. 12170-12184  <a href="https://www.scopus.com/results/citedbyresults.uri?sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=9b3486c8f1a33f6cafb0416fa01e62f7&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222017%22%2ct&amp;sl=0&amp;origin=authorProfile&amp;zone=highChart&amp;txGid=d10eb283561001237fc12fd569ef013aFI">https://www.scopus.com/results/citedbyresults.uri?sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=9b3486c8f1a33f6cafb0416fa01e62f7&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222017%22%2ct&amp;sl=0&amp;origin=authorProfile&amp;zone=highChart&amp;txGid=d10eb283561001237fc12fd569ef013aFI</a>        FI 3,442        Punctaj 20/3=6,66</p> <p>Lucrarea  <b>Dumitru, FD (Dumitru, Florina-Diana); Ghiban, B (Ghiban, Brandusa); Cabrera, JM (Cabrera,</b></p>
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	<p><b>3.1 Citări în reviste cotate în ISI Thomson Reuters- Web of Science Core Collection [FI - Factor de Impact] și în alte BDI (FI se referă la jurnalul în care a fost publicat articolul care citează)</b></p> <p style="text-align: center;"><b>ISI</b>      5/nr. autori pentru <math>FI &lt; 0,5</math>      10/nr. autori pentru <math>0,5 &lt; FI &lt; 1</math>      15/nr. autori pentru <math>1 &lt; FI &lt; 2</math>      20/nr. autori pentru <math>FI &gt; 2</math>      30/nr. autori pentru <math>FI &gt; 5</math></p> <p style="text-align: center;"><b>BDI</b>      3/nr. autori</p>			<p>Analysis and simulation Comaneci, R., Zaharia, L., Nedelcu, D. 2015 Indian Journal of Engineering and Materials Sciences 22(5), pp. 527-533  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84948129985&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=Combining+circular-to-rectangular+direct+extrusion+and+equal+channel&amp;st2=&amp;sid=d5132a794ab0d983c1e9c8bc316ff658&amp; sot=b&amp;sdt=b&amp;sl=83&amp;s=TITLE-ABS-KEY%28Combining+circular-to-rectangular+direct+extrusion+and+equal+channel%29&amp;relpos=0&amp;citeCnt=2&amp;searchTerm=FI">https://www.scopus.com/record/display.uri?eid=2-s2.0-84948129985&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=Combining+circular-to-rectangular+direct+extrusion+and+equal+channel&amp;st2=&amp;sid=d5132a794ab0d983c1e9c8bc316ff658&amp; sot=b&amp;sdt=b&amp;sl=83&amp;s=TITLE-ABS-KEY%28Combining+circular-to-rectangular+direct+extrusion+and+equal+channel%29&amp;relpos=0&amp;citeCnt=2&amp;searchTerm=FI</a> FI 0.543      Punctaj 10/4=2.5</p> <p><b>24).</b> Non-equal Channel Multi-Angular Extrusion (NECMAE): A Design for Severe Plastic Deformation—Proof of Concept, El-Asfoury, M.S., Nasr, M.N.A., Abdel-Moneim, 2019 A., Transactions of the Indian Institute of Metals 72(10), pp. 2827-2838.  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85068130884&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=5c11d6251321a7318aec63e4ed4468e9&amp; sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=FI">https://www.scopus.com/record/display.uri?eid=2-s2.0-85068130884&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=5c11d6251321a7318aec63e4ed4468e9&amp; sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=FI</a> FI 1.176      Punctaj 15/4=3.75</p> <p><b>25).</b> Non-equal Channel Multi-Angular Extrusion (NECMAE): A Design for Severe Plastic Deformation—Proof of Concept, El-Asfoury, M.S., Nasr, M.N.A., Abdel-Moneim, 2019 A., Transactions of the Indian Institute of Metals 72(10), pp. 2827-2838.  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=4&amp;SID=D1lt3XkxzhZ1o5saMwV&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=4&amp;SID=D1lt3XkxzhZ1o5saMwV&amp;page=1&amp;doc=1</a> FI 1.176      Punctaj 15/4=3.75</p> <p>Lucrarea  <b>Gurau, G (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Potecasu, O (Potecasu, Octavian); Alexandru, P (Alexandru, Petric); Bujoreanu, LG (Bujoreanu, Leandru-Gheorghe), Novel High-Speed High Pressure Torsion Technology for Obtaining Fe-Mn-Si-Cr Shape Memory Alloy Active Elements, JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, Volume: 23 Issue: 7 Pages: 2396-2402 Special Issue: SI, DOI: 10.1007/s11665-014-1060-2, Published: JUL 2014, Document Type: Article</b>  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=50">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=50</a></p>
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	<p><b>3.1 Citări în reviste cotate în ISI Thomson Reuters- Web of Science Core Collection [FI - Factor de Impact] și în alte BDI (FI se referă la jurnalul în care a fost publicat articolul care citează)</b></p> <p style="text-align: center;"><b>ISI</b>      5/nr. autori pentru <math>FI &lt; 0,5</math>      10/nr. autori pentru <math>0,5 &lt; FI &lt; 1</math>      15/nr. autori pentru <math>1 &lt; FI &lt; 2</math>      20/nr. autori pentru <math>FI &gt; 2</math>      30/nr. autori pentru <math>FI &gt; 5</math></p> <p style="text-align: center;"><b>BDI</b>      3/nr. autori</p>		<p>A fost citata în:</p> <p><b>26).</b> Preliminary Results from Duplex Procedure for Obtain of Fe Based Materials for Automotive Applications      By: Craciun, R. C.; Stanciu, S.; Geanta, V.; et al.      Conference: International Conference on Innovative Research (ICIR Euroinvent) Location: Iasi, ROMANIA Date: MAY 25-26, 2017      Sponsor(s): Romanian Inventors Forum; Gheorghe Asachi Tech Univ Iasi, Fac Mat Sci &amp; Engn; Alexandru Ioan Cuza Univ Iasi, ARHEOINVEST Platform; Univ Malaysia Perlis, Ctr Excellence Geopolymer &amp; Green Technol; Malaysian Res &amp; Innovat Soc; EUROINVENT INTERNATIONAL CONFERENCE ON INNOVATIVE RESEARCH - ICIR EUROINVENT 2017 Book Series: IOP Conference Series- Materials Science and Engineering Volume: 209 Article Number: UNSP 012048 Published: 2017  <a href="http://apps.webofknowledge.com.am.e-information.ro/CitingArticles.do?product=WOS&amp;SID=C68gHYc1FmkDJoC9wey&amp;search_mode=CitingArticles&amp;parentProduct=WOS&amp;parentQid=1&amp;parentDoc=45&amp;REFID=473490917&amp;excludeEventConfig=ExcludelfFromNonInterProduct">http://apps.webofknowledge.com.am.e-information.ro/CitingArticles.do?product=WOS&amp;SID=C68gHYc1FmkDJoC9wey&amp;search_mode=CitingArticles&amp;parentProduct=WOS&amp;parentQid=1&amp;parentDoc=45&amp;REFID=473490917&amp;excludeEventConfig=ExcludelfFromNonInterProduct</a>      BDI      Punctaj 1/5=0,6</p> <p><b>27).</b> An overview on severe plastic deformation: research status, techniques classification, microstructure evolution, and applications      E Bagherpour, N Pardis, M Reihanian... - The International Journal ..., 2018 - Springer  <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=30&amp;SID=F1qVyija7o9qfHoSDOY&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=30&amp;SID=F1qVyija7o9qfHoSDOY&amp;page=1&amp;doc=1</a>      _FI 2,496      Punctaj 10/5=4</p> <p><b>28).</b> Magnetic and martensitic transformations in the bulk and melt spun ribbons of Ni57-x Ndx Fe18 Ga25 ferromagnetic shape memory alloys, Open Access, Țolea, F., Crișan, A.D., Sofronie, M., Țolea, M., Văleanu, M. 2015      Materials Today: Proceedings, 2, pp. S875-S878  <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=34&amp;SID=F1qVyija7o9qfHoSDOY&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=34&amp;SID=F1qVyija7o9qfHoSDOY&amp;page=1&amp;doc=1</a>      BDI      Punctaj 3/5=0,6</p> <p><b>29).</b> Magnetic and martensitic transformations in the bulk and melt spun ribbons of Ni57-x Ndx Fe18 Ga25 ferromagnetic shape memory alloys      Open Access      Țolea, F., Crișan, A.D., Sofronie, M., Țolea, M., Văleanu, M. 2015 Materials Today: Proceedings      2, pp. S875-S878</p>
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	<p><b>3.1 Citări în reviste cotate în ISI Thomson Reuters- Web of Science Core Collection [FI - Factor de Impact] și în alte BDI (FI se referă la jurnalul în care a fost publicat articolul care citează)</b></p> <p style="text-align: center;"><b>ISI</b>        5/nr. autori pentru FI&lt;0,5        10/nr. autori pentru 0,5 &lt;FI&lt;1        15/nr. autori pentru 1 &lt;FI&lt;2        20/nr. autori pentru FI&gt;2        30/nr. autori pentru FI&gt;5</p> <p style="text-align: center;"><b>BDI</b>        3/nr. autori</p>		<p>A fost citata în  <b>46).</b> An Innovative Shape Memory Actuator        By: Cappellini, Valter; Amici, Cinzia        Conference: International Scientific Conference Week of Science in SPbPU - Civil Engineering (SPbWOSCE) Location: Saint Petersburg, RUSSIA Date: DEC 03-04, 2015        INTERNATIONAL SCIENTIFIC CONFERENCE WEEK OF SCIENCE IN SPBPU - CIVIL ENGINEERING (SPBWOSCE-2015) Book Series: MATEC Web of Conferences Volume: 53 Article Number: UNSP 01059 Published: 2016  <a href="http://apps.webofknowledge.com/CitingArticles.do?product=WOS&amp;SID=D51ueiyZTTNBkRtFRO6&amp;search_mode=CitingArticles&amp;parentProduct=WOS&amp;parentQid=3&amp;parentDoc=41&amp;REFID=505828038&amp;excludeEventConfig=ExcludelfFromNonInterProduct">http://apps.webofknowledge.com/CitingArticles.do?product=WOS&amp;SID=D51ueiyZTTNBkRtFRO6&amp;search_mode=CitingArticles&amp;parentProduct=WOS&amp;parentQid=3&amp;parentDoc=41&amp;REFID=505828038&amp;excludeEventConfig=ExcludelfFromNonInterProduct</a>        BDI        Punctaj 3/4=0,75</p> <p>46b. Behavior of NiTi-SMA and CuMnAl-SE smart system with optoelectronic command        By: Dumitru, M; Cimpoesu, N; Zegan, G; Manole, V; Anistoroaei, D (Anistoroaei, D., JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Volume: 21 Issue: 9-10 Pages: 598-604, Published: SEP-OCT 2019, IF 0.588</p> <p><b>47).</b> An Innovative Shape Memory Actuator        Open Access, Cappellini, V., Amici, C., 2016, MATEC Web of Conferences, 53,01059  <a href="https://www.scopus.com/results/citedbyresults.uri?sort=plf-f&amp;cite=2-s2.0-84955485245&amp;src=s&amp;imp=t&amp;sid=107389cf28bca353c5e5ea2f2584067f&amp;ot=cite&amp;sdt=a&amp;sl=0&amp;origin=resultslist&amp;editSaveSearch=&amp;txGid=1a0d2b9c2d740f61bac7f14d5317bb13">https://www.scopus.com/results/citedbyresults.uri?sort=plf-f&amp;cite=2-s2.0-84955485245&amp;src=s&amp;imp=t&amp;sid=107389cf28bca353c5e5ea2f2584067f&amp;ot=cite&amp;sdt=a&amp;sl=0&amp;origin=resultslist&amp;editSaveSearch=&amp;txGid=1a0d2b9c2d740f61bac7f14d5317bb13</a>        BDI        Punctaj 3/4=0,75</p> <p>Lurarea  <b>Structural change in Ni-Fe-Ga magnetic shape memory alloys after severe plastic deformation, Gurau, G (Gurau, Gheorghe)[ 1 ] ; Gurau, C (Gurau, Carmela)[ 1 ] ; Tolea, F (Tolea, Felicia)[ 2 ] ; Sampath, V (Sampath, Vedamanickam), MATERIALS, Volume: 12 Issue: 12, Article Number: 1939, DOI: 10.3390/ma12121939, Published: JUN 2 2019, Document Type: Article</b>  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=2</a>        A fost citată în:</p> <p><b>48).</b> Microstructure evolution and some properties of hard magnetic FeCr30Co8 alloy subjected to torsion combined with tension,</p>
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	<p>3.1 Citări în reviste cotate în ISI Thomson Reuters- Web of Science Core Collection [FI - Factor de Impact] și în alte BDI (FI se referă la jurnalul în care a fost publicat articolul care citează)</p> <p style="text-align: center;"><b>ISI</b>        5/nr.autori pentru FI&lt;0,5        10/nr.autori pentru 0,5 &lt;FI&lt;1        15/nr.autori pentru 1 &lt;FI&lt;2        20/nr.autori pentru FI&gt;2        30/nr.autori pentru FI&gt;5</p> <p style="text-align: center;"><b>BDI</b>        3/nr.autori</p>			<p>Korneva, A., Korznikova, G., Kashaev, R., Straumal, B., 2019, Materials 12(18),3019  <a href="http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=D1WqBPLr7QcXeWINGih&amp;search_mode=GeneralSearch&amp;prID=47feebe3-4116-46ad-a651-175bf19c68e6">http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=D1WqBPLr7QcXeWINGih&amp;search_mode=GeneralSearch&amp;prID=47feebe3-4116-46ad-a651-175bf19c68e6</a>        Factor de impact 2,972        Puctaj 20/4=5</p> <p><b>49).</b> Microstructure evolution and some properties of hard magnetic FeCr30Co8 alloy subjected to torsion combined with tension, Korneva, A., Korznikova, G., Kashaev, R., Straumal, B., 2019, Materials 12(18),3019  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85072521141&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=5c11d6251321a7318aec63e4ed4468e9&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222019%2%2ct&amp;sl=0&amp;relpos=1&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85072521141&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=5c11d6251321a7318aec63e4ed4468e9&amp;sot=cite&amp;sdt=cite&amp;cluster=scopubyr%2c%222019%2%2ct&amp;sl=0&amp;relpos=1&amp;citeCnt=0&amp;searchTerm=</a>        Factor de impact 2,972        Puctaj 20/4=5</p> <p>Lucrarea  <b>Paleu, V (Paleu, V); Gurau, G (Gurau, G.); Comaneci, RI (Comaneci, R., I); Sampath, V (Sampath, V); Gurau, C (Gurau, C.); Bujoreanu, LG (Bujoreanu, L. G.), A new application of Fe-28Mn-6Si-5Cr (mass%) shape memory alloy, for self-adjustable axial preloading of ball bearings, SMART MATERIALS AND STRUCTURES, Volume: 27 Issue: 7, Article Number: 075026, DOI: 10.1088/1361-665X/aac4c5, Published: JUL 2018, Document Type: Article</b>  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=7">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=7</a>        Afost citata in:  <b>50).</b> Effect of heat treatment on the microstructure and shape memory behaviour of Fe-Mn-Si-Ni-Cr alloys, Esquivel, I., Giordana, M.F., Druker, A.V., 2019, Materials Characterization 155,109811  <a href="http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=D1WqBPLr7QcXeWINGih&amp;search_mode=GeneralSearch&amp;prID=7e983de5-f7c4-468a-8436-47d26b5e7c36">http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=D1WqBPLr7QcXeWINGih&amp;search_mode=GeneralSearch&amp;prID=7e983de5-f7c4-468a-8436-47d26b5e7c36</a>        FI 3,22        Punctaj 20/5=4        50a .Behavior of NiTi-SMA and CuMnAl-SE smart system with optoelectronic command        By:Dumitru, M; Cimpoesu, N; Zegan, G; Manole, V; Anistoroaei, D (Anistoroaei, D., JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Volume: 21 Issue: 9-10 Pages: 598-604, Published: SEP-OCT 2019, IF 0.588</p> <p>50b. Self post-tensioning ultra-high performance concrete elements The activation of with iron</p>
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	<p><b>3.1 Citări în reviste cotate în ISI Thomson Reuters- Web of Science Core Collection [FI - Factor de Impact] și în alte BDI (FI se referă la jurnalul în care a fost publicat articolul care citează)</b></p> <p style="text-align: center;"><b>ISI</b>                      5/nr. autori pentru <math>FI &lt; 0,5</math>                      10/nr. autori pentru <math>0,5 &lt; FI &lt; 1</math>                      15/nr. autori pentru <math>1 &lt; FI &lt; 2</math>                      20/nr. autori pentru <math>FI &gt; 2</math>                      30/nr. autori pentru <math>FI &gt; 5</math></p> <p style="text-align: center;"><b>BDI</b>                      3/nr. autori</p>			<p>Conference Series: Materials Science and Engineering                      572(1),012025  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85070592678&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=5c11d6251321a7318aec63e4ed4468e9&amp;sot=cite&amp;sdt=cite&amp;cluster=scopusbyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=3&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85070592678&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=5c11d6251321a7318aec63e4ed4468e9&amp;sot=cite&amp;sdt=cite&amp;cluster=scopusbyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=3&amp;citeCnt=0&amp;searchTerm=</a>                      Punctaj 3/3=1</p> <p><b>56).</b> Quantitative image analysis in some iron powder metallurgy materials, Marin, M., Marin, F.B., 2019, IOP Conference Series: Materials Science and Engineering 485(1),012011  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85063861751&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=688228e0b07b2f65b72e765606256567&amp;sot=cite&amp;sdt=cite&amp;cluster=scopusbyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=15&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85063861751&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=688228e0b07b2f65b72e765606256567&amp;sot=cite&amp;sdt=cite&amp;cluster=scopusbyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=15&amp;citeCnt=0&amp;searchTerm=</a>                      =                      Punctaj 3/3=1</p> <p><b>57).</b> Modeling of dimensional changes in some iron-based powder metallurgy compacts using an artificial neural network, Marin, F.B., Marin, M., 2019, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 19(2.1), pp. 459-463  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85073352948&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=688228e0b07b2f65b72e765606256567&amp;sot=cite&amp;sdt=cite&amp;cluster=scopusbyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=16&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85073352948&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=688228e0b07b2f65b72e765606256567&amp;sot=cite&amp;sdt=cite&amp;cluster=scopusbyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=16&amp;citeCnt=0&amp;searchTerm=</a>                      =                      Punctaj 3/3=1</p> <p><b>58).</b> A computational method to predict the dimensional changes in some powder metallurgy materials, Marin, M., Marin, F.B., 2019, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 19(2.1), pp. 11-16  <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85073323517&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=688228e0b07b2f65b72e765606256567&amp;sot=cite&amp;sdt=cite&amp;cluster=scopusbyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=18&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85073323517&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;citedAuthorId=36716151700&amp;imp=t&amp;sid=688228e0b07b2f65b72e765606256567&amp;sot=cite&amp;sdt=cite&amp;cluster=scopusbyr%2c%222019%22%2ct&amp;sl=0&amp;relpos=18&amp;citeCnt=0&amp;searchTerm=</a>                      =                      Punctaj 3/3=1</p> <p><b>Lucrarea</b>                      Pricop, B (Pricop, B.) ; Soyler, U (Soyler, U.); Ozkal, B (Ozkal, B.); Suru, MG (Suru, M. G.); Lohan, NM (Lohan, N. M.); Comaneci, RI (Comaneci, R. I.); Cimpoesu, N (Cimpoesu, N.); Musat, V (Musat, V.); Gurau, G (Gurau, G.);</p>
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				<p>Inventor(s): GURAU G, BUJOREANU L, POTECASU O, CANANAU N, ALEXANDRU P, GURAU C, TANASE D          Patent Assignee Name(s) and Code(s): UNIV GALATI DUNAREA JOS (UYGA-Non-standard)          Derwent Primary Accession Number: 2015-10391H  <a href="http://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=8">http://apps.webofknowledge.com/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=99&amp;SID=E4rbTcJlsFQcccKH8Pz&amp;page=1&amp;doc=8</a>          A fost citat in          Advances in angular contact ball bearings testing machine design, Zama, A., Paleu, V., Bujoreanu, L.G., Paleu, C.C., Olaru, D. International Journal of Modern Manufacturing Technologies, Volume 11, Issue 3 Special Issue, 2019, Pages 137-142  <a href="https://www.scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-85076912664&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-85049669927&amp;src=s&amp;imp=t&amp;sid=707e45b750de58d9e7e32e1250e42acc&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=4&amp;citeCnt=0&amp;searchTerm=">https://www.scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-85076912664&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-85049669927&amp;src=s&amp;imp=t&amp;sid=707e45b750de58d9e7e32e1250e42acc&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=4&amp;citeCnt=0&amp;searchTerm=</a></p>
3	3.3 Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice/Recenzor	3.3.1 ISI Editor /chairman-12; Membru - 8; Recenzor - 5		<p>1)Nanotechnologies and Advanced Materials, ISBN-13:978-3-0357-1069-4Subtitle:7th Conference on Material Science &amp; Engineering UGALMAT 2016Authors / Editors:Viorica Mușat, Florentina Potecașu, Tamara Radu, <b>Gheorghe Gurău</b> Category:Selected, peer reviewed papers from the 7th edition of the International Conference on Material Science&amp;Engineering, UgalMat 2016, May 19-21, 2016, Galati, Romania, Pages:268 Year: 2017, Periodical:Advanced Materials Research Vol. 1143, Edition:softcover  <a href="http://www.ttp.net/978-3-0357-1069-4.html">http://www.ttp.net/978-3-0357-1069-4.html</a>          Punctaj          Editor 12puncte          Recenzor 5 puncte          Total 17 puncte</p> <p>2).IOP          Punctaj          Editor 12puncte  <a href="https://iopscience.iop.org/issue/1757-899X/485/1">https://iopscience.iop.org/issue/1757-899X/485/1</a>  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.3.1..pdf</a>          Recenzor 5 puncte</p> <p>3)Revista Journal of Optoelectronics and Advanced Materials JOAM  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.3.1..pdf</a>          Recenzor 5</p> <p>4)JMAD-D-16-00878          Materials and Design</p>

				<p><a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.3.1..pdf</a></p> <p>Recenzor 5 puncte</p>
				<p>5)Materials Research Express: MRX2-101108 <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.3.1..pdf</a></p> <p>Recenzor 5 puncte</p>
3	<b>3.3 Membru în colectivele de redacție sau comitete științifice</b>	<p><b>3.3.2 BDI</b> <b>3.3.3 Naționale și Internaționale Neindexate</b></p> <p><b>Editor/cha irman- 5; Membru - 3; Recenzor - 2</b></p>		<p><b>1).</b> Tehnologii și materiale avansate: Lucrările Conferinței Internaționale UgalMat Text tipărit : monografic Limba: Engleză Editură: Galați University Press (GUP) Locul publicării: Galați Anul Ediției: 2009 ISSN: 1843-5807 Cota: IV 16654. Vol1 257p <a href="http://catalog.ucv.ro/opac/bibliographic_view/230731">http://catalog.ucv.ro/opac/bibliographic_view/230731</a> Editor 5puncte Recenzor 2 puncte</p> <p><b>2).</b> THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATIFASCICLE IX METALLURGY AND MATERIALS SCIENCE, ISSN 1453 – 083X. vol.1 – 2006, pag.27-30, <a href="http://www.sim.ugal.ro/Anale/2006-Annals-vol-1.pdf">http://www.sim.ugal.ro/Anale/2006-Annals-vol-1.pdf</a> <a href="http://www.ebscohost.com/titleLists/a9h-journals.pdf">http://www.ebscohost.com/titleLists/a9h-journals.pdf</a> Membru 5 puncte Recenzor 3 puncte</p>
	<b>3.4. Expert evaluare proiecte de cercetare</b>	<b>3.4.2 Naționale 5* nr. contracte de evaluare</b>		<p><b>1).</b> PN-II-RU-TE-2014-4-2813 Project Title (English)Advanced light-weight aluminum alloys with enhanced properties designed for a wide range of applications in the aircraft industry <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.4.2..pdf</a></p> <p></p>

		<b>3.5.4                  Premii                  naționale                  în                  domeniu</b>	<p>A fost premiata cu                  Medalie de aur cu mentiune speciala Proinvent 2015 Cluj                  Napoca Romania  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.5.4.pdf</a>                  Punctaj 5 puncte</p> <p>2).Inventia : Process for straightening of continuous cast slabs and machine for drawing and straightening                  Prof.dr.ing. Nicolae Cananau, Conf.dr.ing. Potecasu Octavian, Conf.dr.ing. Gheorghe Gurau, Sef lucrari dr. ing. Petrica Alexandru                  A fost premiata cu                  Medalie de aur cu mentiune speciala Proinvent 2015 Cluj Napoca Romania  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.5.4.pdf</a>                  Punctaj 5 puncte</p> <p>3).Inventia                  Element multifuncțional cu deplasare auto-adaptivă, dintr-un aliaj Fe-Mn-Si-Cr cu memoria formei Leandru-Gheorghe BUJOREANU, Gheorghe GURAU, Ioan DAN, Cristel ȘTIRBU, Radu-Ioachim COMĂMECI, Nicoleta Monica LOHAN, Bogdan PRICOP, Adrian-Liviu PARASCHIV, Marius- Gabriel SURU, Carmela GURĂU                  Diploma de excelenta EuroInvent 2015 Iasi Romania  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.5.4.pdf</a>                  Punctaj 5 puncte</p> <p>4). Inventia                  Method and machine for Severe Plastic Deformation by High Pressure Torsion of Shape Memory Alloys cone active elements Conf.dr.ing. Gheorghe Gurau, Prof.dr.ing. Leandru Gheorghe Bujoreanu, Conf.dr.ing. Octavian Potecasu, Prof.dr.ing. Nicolae Cananau, sef lucrari dr.ing. Petrica Alexandru, seucrari dr.ing. Carmela Gurau                  Diploma de excelenta EuroInvent 2015 Iasi Romania  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.5.4.pdf</a>                  Punctaj 5 puncte</p> <p>5). Inventia                  Method and machine for Severe Plastic Deformation by High Pressure Torsion of Shape Memory Alloys cone active elements Conf.dr.ing. Gheorghe Gurau, Prof.dr.ing. Leandru Gheorghe Bujoreanu, Conf.dr.ing. Octavian Potecasu, Prof.dr.ing. Nicolae Cananau, sef lucrari dr.ing. Petrica Alexandru, seucrari dr.ing. Carmela Gurau                  Diploma de excelenta EuroInvent 2015 Iasi Romania  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.5.4.pdf</a>                  Punctaj 5 puncte</p> <p>6)..Inventia:                  Element multifunctional cu deplasare autoadaptiva, Gheorghe Gurau, Bujoreanu LG, Stirbu D, Lohan M, Pricop B, Paraschiv A, Suru M, Gurau Marlen Carmela                  UgallInvent 2015, medalie de argint  <a href="#">Dovezi Dosar de abilitare\Dovezi Cap.3.3\Dovezi Cap 3.5.4.pdf</a>                  Punctaj 5 puncte</p>
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			<p><b>7).</b>..Lucrarea Gurău G, Bujoreanu LG, Gurău C, Comaneci R, Lohan M, Pricop B, Suru M. Superelastic-like response obtained at Fe-Mn-Si-C shape memory alloys processed by high-speed high pressure torsion. Premiata la Modtech 2015 <a href="#">Dovezi_Dosar de abilitare\Dovezi_Cap.3.3\Dovezi_Cap 3.5.4.pdf</a></p> <p>Punctaj 5 puncte</p>
			<p><b>8).</b>..Lucrarea: Gurău C, Gurău G,Sampath V, Musat V, STRUCTURAL STUDY AND PHASE TRANSFORMATION OF CuAlNi SHAPE MEMORY ALLOY PRODUCED BY SEVERE PLASTIC DEFORMATION. Premiata la Modtech 2016 <a href="#">Dovezi_Dosar de abilitare\Dovezi_Cap.3.3\Dovezi_Cap 3.5.4.pdf</a></p> <p>Punctaj 5 puncte</p>
			<p><b>9).</b>..Inventia „Procedeu și mașină pentru deformarea prin torsiune la presiune înaltă a elementelor active cu forma tronconică din materiale cu memoria formei”, A fost premiata cu medalie de argint la EUROINVENT 2017 – European Exhibition of Creativity and Innovation, 25 - 27 mai 2017, Iași, România <a href="#">Dovezi_Dosar de abilitare\Dovezi_Cap.3.3\Dovezi_Cap 3.5.4.pdf</a></p> <p>Punctaj 5 puncte</p>
			<p><b>10).</b>..Lucrarea: "A versatile method for nanostructuring metals, alloys and metal based composite", Gheorghe Gurău, Carmela Gurău, Leandro Gheorghe Bujoreanu, V Sampath – A fost premiata Premiul pentru cea mai bună lucrare prezentată la secțiunea postere la ICIR EUROINVENT 2017 – International Conference on Innovative Research, 25 - 26 mai 2017, Iași, România <a href="#">Dovezi_Dosar de abilitare\Dovezi_Cap.3.3\Dovezi_Cap 3.5.4.pdf</a></p> <p>Punctaj 5 puncte</p>
	<b>Tota A3</b>	<b>120</b>	<b>262</b>