



**Fișă de îndeplinire a standardelor minime**  
 Comisia Inginerie mecanică  
**Conf.dr.ing. PETRE IVONA CAMELIA**

<b>Condiții minime și obligatorii</b>				
Domeniul de activitate		Indicatori	Punctaj minim	Punctaj realizat
Activitatea didactică/profesională (A1)	A1.1	N1	2	12
		N1.1	1	7
		N1.3	1	1
	A1.2	N2	4	18
		N2.1	2	10
Activitatea de cercetare (A2)	A2.1 +A2.3	P1 + P2	10	12,777
		P1	6	12,777
	A2.2	N3	10	15
		N3.1	5	9
	A2.4 +A2.5	N4	2	4
		N4.3	1	2
Recunoașterea impactului activității (A3)	A3.1	S1 + S2	50	131,335
	A3.2	N5	10	16
	A3.3	C	25	36,297

**A1 – Activitate didactică/profesională**

A1.1. Manuale suport de curs (conform fișei disciplinei de concurs)

Indicator N1.1=7; standard minim 1 - **Îndeplinit**

Nr.crt.	Manuale suport de curs, Format tipărit/electronic (min. 100pag.) autor	Număr
1	<b>Petre I</b> – Tribologie, Editura Valahia University Press, ISBN 978-606-603-203-2, 2020, (p.125)	1
2	<b>Petre I.</b> – Organe de masini si Mecanisme, Editura Valahia University Press, ISBN 978-606-603-191-2, 2018, (p185).	1
3	<b>Petre I.,</b> - Organe de mașini, Editura Valahia University Press, ISBN 978-606-603-153-0, 2016, p.346..	1
4	<b>Petre I</b> – Elemente de Inginerie mecanică, Editura Bibliotheca, 2008, ISBN (13)978-973- 712-398-5 (p 205)	1
5	<b>Petre I</b> – Elemente de mecanisme și organe de mașini, Editura Bibliotheca, 2006, ISBN (13)978-973-712-206-3 (p 171)	1
6	<b>Petre I.,</b> Popa C. – Desen tehnic si infografica, Editura Valahia University Press, ISBN 978-973-1955-68-1, 2010, (p.107).	1
7	<b>Petre I,</b> Tache C.,Popa C.– Desen tehnic pentru asamblari in constructia de masini, (161 pag), Editura Valahia University Press, ISBN 973-87215-0-4.	1
	<b>Total</b>	<b>7</b>

Indicator N1.2=4; standard minim - **Îndeplinit**

Nr.crt.	Manuale suport de curs, Format tipărit/electronic (min. 100pag.) coautor	Număr
1	Popa C, <b>Petre I.</b> – Elemente de inginerie, Editura Valahia University Press, ISBN 978-606-603-130-1, 2015, (p.203),	1
2	TudorA., <b>Petre I.</b> – Organe de mașini, partea II, Editura Bren, ISBN 973-648-260-X, 2004, (p.186).	1
3	TudorA., <b>Petre I.</b> – Organe de mașini, partea I, Editura Bren, ISBN 973-648- 181-6, 2003,	1

	(p.182).	
4	Popa C, <b>Petre I</b> , Tache C – Desen tehnic industrial, Editura Printech ISBN 973-652-693-3, 2002, (p.162)	1
	<b>Total</b>	<b>4</b>

Indicator N1.3=1; standard minim 1 - **Indeplinit**

Nr.crt.	Manuale suport de curs, Format tipărit/electronic (min. 100pag.) autor	Număr
1	<b>Petre I.</b> – Introducere in Tribologie, Editura Valahia University Press, ISBN 978-606-603-190-5, 2018, p160, <a href="http://fimmr.valahia.ro/docs/CURSURI/I.C.PETRE/Introducere_in_tribologie.pdf">http://fimmr.valahia.ro/docs/CURSURI/I.C.PETRE/Introducere_in_tribologie.pdf</a>	1
	<b>Total</b>	<b>1</b>

Indicator N1=N1.1+N1.2+N1.3=7+4+1=12; standard minim 2 – **Indeplinit**

A1.2. Material didactic/Dezvoltare laboratoare, aplicații

Indicator N2.1=10; standard minim 2 - **Indeplinit**

Nr.crt.	Standuri laborator (construcție/modernizări) certificate de directorul de departament	Număr
1	Stand pentru măsurarea frecării în șurub;	1
2	Stand pentru măsurarea forței de frecare în rulmenți.	1
3	Stand pentru măsurarea rigidității arcurilor simple.	1
4	Stand pentru măsurarea arcurilor prin comparare	1
5	Stand tribologic de măsurare a frecării de alunecare	1
6	Stand pentru stabilirea caracteristicilor cinematice ale unei transmisii mecanice	1
7	Machetă pentru trasarea evolventei angrenajului,	1
8	Macheta funcțională pentru stabilirea caracteristicilor cinematice ale unui reductor melcat	1
9	Macheta funcțională pentru stabilirea caracteristicilor cinematice ale unui reductor conico-cilindric	1
10	Mașină semiautomată de format și deformat cutii de carton	1
	<b>Total</b>	<b>10</b>

Indicator N2.2=8; standard minim=1 - **Indeplinit**

Nr.crt.	Îndrumar laborator/carte aplicații format tipărit sau electronic (autor, co-autor)	Număr
1	<b>Petre I.</b> Tribologie. Aplicații teoretice și lucrări practice, Editura Valahia University Press 2020, ISBN 978-606-603-159-2, p.87,	1
2	<b>Petre I.</b> – Îndrumar pentru lucrări de laborator - organe de mașini, Editura Valahia University Press, ISBN 978-606-603-159-2, p.108, format electronic,2017;	1
3	<b>Petre I.</b> – Infografică – suport de laborator, Editura Valahia University Press, ISBN 978-606-603-158-5, p.50, format electronic, 2017;	1
4	<b>Petre I.</b> – Îndrumar laborator desen tehnic, Editura Valahia University Press, ISBN 978-606-603-157-8, p.47, format electronic, 2017;	1
5	<b>Petre I.</b> - Probleme de organe de mașini, Editura Valahia University Press 2016, ISBN 978-606-603-144-8, p.186.	1
6	<b>Petre I.</b> - Elemente de inginerie mecanică. Organe de mașini - Aplicații rezolvate la seminar și probleme de sinteză date la examen, Editura Valahia University Press, ISBN ISBN 978-606-603-049-6, 2012, p.111.	1
7	<b>Petre I.,</b> Tache C. – Organe de mașini, Probleme. Teste Partea a II, Editura Macarie 2004, ISBN 973-626-032-1, (163 pag), 2004;	1
8	Tache C. și <b>Petre I.</b> – Organe de mașini, Probleme. Teste Partea I, Editura Macarie 2000, ISBN 973-9391-57-5, p.98;	1
	<b>Total</b>	<b>8</b>

Indicator N2.3=0; standard minim - **Indeplinit**

Nr.crt.	Aplicație informatică educațională	Număr
	<b>Total</b>	<b>0</b>

$N2=N2.1+N2.2+N2.3=10+8+0=18$  Standard minim 4; **Indeplinit**

### Activitatea de cercetare științifică, dezvoltare tehnologică și inovare – CDI (A2)

**Indicator P1.1= 10,202 standard minim=6 - Indeplinit**

Nr. crt.	Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS) Autor corespondent/prim autor n ≤ 3	Dovada	Factor impact	Punctaj relatie de calcul P1.1 = 2(0,2+FI)
1	Petre I, Popescu I.N., Ungureanu D. N. - Aspects regarding the tribological behavior of Turcite and Relamid polymeric materials, in sliding motion couples, Revista materiale plastice, vol56, No. 1, 2019, p.55-58,	<a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=4">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=4</a> WOS:000464604100011	FI 1,517	3,434
2	Petre I., Enescu M. C., Stoian E. V., - Research Regarding the Evolution of Friction Coefficient in a Friction Torque Like a Plastic Material / Steel for Different Parameters, Revista materiale plastice, vol 56 no. 4, 2019, p.918-922,	<a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=3">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=3</a> WOS:000509920700033	FI 1,517	3,434
3.	Petre I., Stoian E. V., Enescu M. C. - Studies regarding the tribological behavior of two polymeric materials, Revista materiale plastice, 57 (4), 2020, p. 202-208	<a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F5i7fdNPVYcU5U8x5Ct&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F5i7fdNPVYcU5U8x5Ct&amp;page=1&amp;doc=1</a> WOS:000617344900019	FI 1,517	3,434
4	Petre I., Stoian E. V., Enescu M. C., - Tribological behavior of a thermoplastic material under the action conic penetrat in sliding movement, Mater. Plast., 58 (1), 2021, p.27-33 – acceptata spre publicare	Revistă cotate ISI Thomson Reuters, Articol indexat Web of Science, SCOPUS <a href="https://revmaterialeplastice.ro">https://revmaterialeplastice.ro</a> <a href="https://doi.org/10.37358/Mat.Plast.1964">https://doi.org/10.37358/Mat.Plast.1964</a> WOS:	FI 1,517	
	<b>Total</b>			<b>10,202</b>

**Indicator P1.2=1,717 standard minim - Indeplinit**

Nr. crt.	Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS) Autor corespondent/prim autor n ≥ 4	Dovada	Factor impact	Punctaj relatie de calcul P1.2 = 2 3 (0,2+FI)/n
1	E. V. Stoian,, M.C. Enescu, I. C. Petre*, R. E. Bratu, V. Bratu, C. O. Rusenescu - Experimental Researches on the Behavior of Polypropylene Pipes at the Physical-Mechanical Testing, Materiale Plastice (Mater. Plast.), Year 2020,	DOI: 10.37358/MP.20.2.5347 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=1</a> WOS:000579451200003	FI 1,517	1,717

	Volume 57, Issue 2, 23-31 <i>Autor corespondent</i>			
2	<b>Petre I., Stoian E. V., Enescu M. C., Rusanescu OtiliaCarmen - Comparative study on the frequency and wear of thermoplastic polymeric materials based on PTFE</b>	Lucrare spre publicare / Numar Inregistrare Lucrare: P20.249 Cod unic de acces online al lucrarii: 431 Stare lucrare: Inregistrare <a href="https://revmaterialeplastice.ro">https://revmaterialeplastice.ro</a>	FI 1,517	-
	<b>Total</b>			<b>1,717</b>

**Indicator P1.3=0 standard minim - Indeplinit**

Nr. crt.	Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS) coautor n <= 3	Dovada	Factor impact	Punctaj relatie de calcul P1.3 = 0,2 + FI
	Total			0

**Indicator P1.4=0,858 standard minim - Indeplinit**

Nr. crt.	Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS) coautor n >= 4	Dovada	Factor impact	Punctaj relatie de calcul P1.4 = 3 (0,2+FI)/ n
1.	M. C. Enescu, E. V. Stoian, A. Negrea, S. Mihai, I. Petre, C.O Rusenescu – Experimental and virtual studies in mechanical applications of PP-RCT pipes with armored materials, Materiale Plastice (Mater. Plast.), Year 2019, Volume 56, Issue 2, 324-329	<a href="https://doi.org/10.37358/MP.19.2.5180">doi.org/10.37358/MP.19.2.5180</a> <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C677vxna4b6ra7oBpXx&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C677vxna4b6ra7oBpXx&amp;page=1&amp;doc=1</a> WOS:000476641000007	FI 1,517	0,858
	<b>Total</b>			<b>0,858</b>

Indicator P1 = P1.1 + P1.2 + P1.3 + P1.4=10,202+1,717+0+0,858=12,777 standard mimin=6, indeplinit

Indicator P2 = P2.1 + P2.2=0;

Indicator P1+P2=12,777 +0=12,777 standard mimin=10, indeplinit

**Indicator N3.1.=9 standard minim 5 - Indeplinit**

Nr. crt.	Articole și publicații științifice BDI neincluse la P1, Autor corespondent/prim autor	Dovada	Număr
1	<b>Petre I.</b> - Determining the functional and material properties needed for abrasive wear prediction, 7th International Conference on Advanced Concepts in Mechanical Engineering, IOP Conf. Series: Materials Science and Engineering 147 (2016) 012018 doi:10.1088/1757-899X/147/1/012018;	<a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=31&amp;SID=C677vxna4b6ra7oBpXx&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=31&amp;SID=C677vxna4b6ra7oBpXx&amp;page=1&amp;doc=1</a> WOS:000390720200018	1
2	<b>Petre I.C., Popescu I.N.</b> - The Phenomenological Analysis of the Nature of	doi.org/10.1007/978-3-319-96358-7, <a href="https://www.scopus.com/authid/detail.uri?authorI">https://www.scopus.com/authid/detail.uri?authorI</a>	1

	the Friction, from Theoretical and Experimental Point of View of AL-AL2O3-Graphite Composite /Cast Iron „Pin On Disc” Sliding System, International Journal of Mechatronics and Applied Mechanics, 2017, Issue 2, ISSN 2367-3370, ISBN 978-3-319-96358-0	<a href="https://www.scopus.com/sourceid/21100901469">d=43561428700</a> <a href="https://www.scopus.com/sourceid/21100901469">https://www.scopus.com/sourceid/21100901469</a>	
3	<b>Petre I.</b> , Bratu V., Enescu M. C., Stoian E. V., ANGHELINA Florina Violeta - Study on Degradation Mechanisms of the Inner Surface of Fire-Arms, Key Engineering Materials (Volume 750)	doi:10.4028/www.scientific.net/KEM.750.69 <a href="https://www.scopus.com/authorid/detail.uri?authorid=43561428700">https://www.scopus.com/authorid/detail.uri?authorid=43561428700</a> <a href="https://www.scopus.com/sourceid/12378">https://www.scopus.com/sourceid/12378</a>	1
4	<b>Petre I.</b> – Wear Model of sliding motion flat surfaces used in mechanical engineering, Applied Mechanics and Material Vol 658 (2014) pp 345-350, ACME2014,	doi10.4028/www.scientific.net/AMM.658.345; <a href="https://www.scopus.com/authorid/detail.uri?authorid=43561428700">https://www.scopus.com/authorid/detail.uri?authorid=43561428700</a> <a href="https://www.scopus.com/sourceid/4700151914">https://www.scopus.com/sourceid/4700151914</a>	1
5	I.N. Popescu, <b>I.C.Petre*</b> , V. Despa – Analytical and experimental studies on wear behaviour of cast and heat treated AlSi12CuMgNi and AlZn6MgCu matrix composites reinforced with ceramic particles, under sliding conditions, Proceedings of the International Conference of Mechatronics and Cyber-MixMechatronics – 2018	DOI: 10.1007/978-3-319-96358-7_8 <a href="https://www.scopus.com/authorid/detail.uri?authorid=43561428700">https://www.scopus.com/authorid/detail.uri?authorid=43561428700</a> <a href="https://www.scopus.com/sourceid/21100901469">https://www.scopus.com/sourceid/21100901469</a>	1
6	<b>Petre I</b> , Carstoiu A - Determining of the wear traces for sliding couplings, Applied Mechanics and Materials Vol. 811 (2015) pp 80-84	doi.10.4028/www.scientific.net/AMM.811.80 <a href="https://www.scopus.com/sourceid/4700151914">https://www.scopus.com/sourceid/4700151914</a>	1
7	<b>Petre I.</b> , Pohoată A., Popa C., Cîrstoiu C., - Technical applications of the descriptive geometry and of the numerical methods, ACME2014, Applied Mechanics and Materials Vol. 659 (2014) pp 565-570, Online available since 2014/Oct/01 at	doi.10.4028/www.scientific.net/ AMM.659.565, <a href="https://www.scopus.com/authorid/detail.uri?authorid=43561428700">https://www.scopus.com/authorid/detail.uri?authorid=43561428700</a> <a href="https://www.scopus.com/sourceid/4700151914">https://www.scopus.com/sourceid/4700151914</a>	1
8	<b>I. C. Petre</b> , E.V. Stoian, M. C. Enescu, V. Despa - Theoretical and experimental studies on sliding at low speeds with intermittenicies, Journal of Science and Arts; Targoviste Vol. 20, Iss. 3, (2020): 767-774.	<a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9d207f42-84bc-4a4c-ba9e-9d7e490b0667">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9d207f42-84bc-4a4c-ba9e-9d7e490b0667</a> WOS: 000575547600023	1
9	<b>I.C.Petre</b> , Enescu M. C., Stoian E. V., V. Despa - Experimental study on the tribological behavior of polymeric materials used in sliding motion couples , International Journal of Mechatronics and Applied Mechanics, 2020, Issue 7	<a href="https://www.scopus.com/sourceid/21100831437">https://www.scopus.com/sourceid/21100831437</a> <a href="https://www.scopus.com/authorid/detail.uri?authorid=43561428700">https://www.scopus.com/authorid/detail.uri?authorid=43561428700</a>	1
	<b>Total</b>		<b>9</b>

**Indicator N3.2.=6 standard minim - Indeplinit**

Nr. crt.	Articole și publicații științifice BDI neincluse la P1, coautor	Dovada	Număr
1	STOIAN Elena Valentina, ENESCU Maria Cristiana, <b>PETRE Ivona</b> ,	doi:10.4028/www.scientific.net/KEM.750.39 <a href="https://www.scopus.com/sourceid/12378">https://www.scopus.com/sourceid/12378</a>	1

	FLUIERARU Petre Cristian, NEGREA Alexis - Studies and Research on the Influence of Carbon and Chromium Content Aimed at Obtaining Superior Mechanical Characteristics of 16CD4 Steel Used in the Automobile Industry, Key Engineering Materials (Volume 750)	<a href="https://www.scopus.com/authid/detail.uri?authorId=43561428700">https://www.scopus.com/authid/detail.uri?authorId=43561428700</a>	
2	M.C.Enescu, C.M.Vladulescu, A.Gaba, V.Bratu, E.V.Stoian, <b>I.Petre</b> – Cold end corrosion avoiding by using a new type of air combustion pre-heater, in Materials Science Forum 907:157-163 · September 2017,	Doi:10.4028/www.scientific.net/MSF.907.157, <a href="https://www.scopus.com/sourceid/12378">https://www.scopus.com/sourceid/12378</a> <a href="https://www.scopus.com/authid/detail.uri?authorId=43561428700">https://www.scopus.com/authid/detail.uri?authorId=43561428700</a>	1
3	Tudor A. C. Radulescu și <b>Petre I.</b> – Thermal Effect of the Brake Shoes Friction on the Wheel /Rail Contact, Tribology in industry, Volume 25, No. 1&2, 2003, p.27-32	<a href="https://www.scopus.com/authid/detail.uri?authorId=43561428700">https://www.scopus.com/authid/detail.uri?authorId=43561428700</a> <a href="https://www.scopus.com/sourceid/67736">https://www.scopus.com/sourceid/67736</a>	1
4	F. V. Anghelina, I. Ionita, D. N. Ungureanu, E. V. Stoian, I. N. Popescu, V. Bratu, <b>I. Petre</b> , C. Popa, A. Negrea – Structural aspects revealed by X-ray diffraction for aluminum alloys 2024 type, Key Engineering Materials (Volume 750)	doi:10.4028/www.scientific.net/KEM.750.20, <a href="https://www.scopus.com/authid/detail.uri?authorId=43561428700">https://www.scopus.com/authid/detail.uri?authorId=43561428700</a> <a href="https://www.scopus.com/sourceid/12378">https://www.scopus.com/sourceid/12378</a>	1
5	Cîrstoiu C., Pohoacă A., <b>Petre I.</b> , Popa C., - Numerical Methods and Descriptive Geometry Methods for Unfoldings Determination, ACME2014, Applied Mechanics and Materials Vol. 659 (2014) pp 553-558,	doi.10.4028/www.scientific.net/AMM.659.553, <a href="http://www.scopus.com/inward/record.url?eid=2-s2.0-84920649415&amp;partnerID=40&amp;md5=fe5bfa639f35cbb1e02091c59d569e78">http://www.scopus.com/inward/record.url?eid=2-s2.0-84920649415&amp;partnerID=40&amp;md5=fe5bfa639f35cbb1e02091c59d569e78</a> <a href="https://www.scopus.com/sourceid/4700151914">https://www.scopus.com/sourceid/4700151914</a>	1
6	Popa C., Petre I. – Developing of a database with Representations of Unfolded Surfaces Using the Engineering Graphics, 3 <sup>rd</sup> International Conference on Environmental and geological science and engineering, Constanta, sept 3-5, 2010, ISSN 1792-4685, ISBN 978-960-474-221-9, p.116-119,	<a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=28&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=28&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=1</a> WOS:000302000200023	1
	<b>Total</b>		<b>6</b>

Indicator N3=N3.1+N3.2=9+6=15 standard minim=10 - **Indeplinit**

Indicator N4.1=1; standard minim - **Indeplinit**

Nr.crt.	Produse, tehnologii, platforme și servicii inovative, Coordonator/prim autor	Număr
1	<b>Brevete de inovatie</b> autor -Tehnologie de execuție a roților melcate cu consum redus de material deficitar nr. 1120/16.11. 1989;	1
	<b>Total</b>	<b>1</b>

Indicator N4.2=1; standard minim - **Indeplinit**

Nr.crt.	Produse, tehnologii, platforme și servicii inovative, Co autor	Număr
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1	<b>Brevete de inovatie</b> coautor - Strung automat monoax cu avans longitudinal al barei tip SAL 13 P, nr. 5244/29.12.89.	1
	<b>Total</b>	<b>1</b>

Indicator N4.3=2; standard minim=1 - **Indeplinit**

Nr.crt.	Monografii/cărți de specialitate[2], format tipărit/electronic Coordonator/prim autor	Număr
1	<b>Petre I., Popa C.</b> - Initiere in infografica autoCAD, Editura Valahia University Press, ISBN 978-606-603-077-9, p.145, 2014	1
2	<b>Petre I</b> – Durabilitatea și precizia ghidajelor cu alunecare, Editura Macarie 2000, ISBN 973-8135-06-00, p120	1
	<b>Total</b>	<b>2</b>

Indicator N4=N4.1+N4.2+ N4.3=1+1+2=4 standard minim=2 - **Indeplinit**

Recunoașterea și impactul activității - RIA (A3)

Indicator S1=27,9; standard minim - **Indeplinit**

Nr.crt.	Director sau responsabil partener la grant/proiect câștigat prin competiție națională sau internațională	Număr
1	<i>Contract (tip C) – ANSTI, cu numar 6159/20.X.2000-2001-</i> Dezvoltarea conceptului de pașaport tribologic cu aplicație la materialele compozite și implicații asupra durabilității organelor de mașini, contract (tip C) – ANSTI, cu numar 6159/20.X.2000-2001 (val 26000 lei) 1euro=2RON,	13,0
2	<i>Contract de tip At., CNCISIS cod 219, 2001-2002</i> Cercetări privind influența uzurii sistemului tehnologic ghidaj batiu-sanie-sculă, asupra preciziei de prelucrare pe masini unelte – (val 40000lei) 1euro=2,7 RON,	14,9
	<b>Total</b>	<b>27,9</b>

Indicator S2=103,435; standard minim - **Indeplinit**

Nr. crt.	Membru în echipă la grant/proiect câștigat prin competiție națională sau internațională, proiecte/contracte terți	Număr
1	<i>RELANSIN/1999, nr. 131 PROIECT 2737/1999</i> cu tema ACOPERIRI METALO - CERAMICE CU PROPRIETĂȚI TRIBOLOGICE SUPERIOARE PENTRU APLICATII ÎN INDUSTRIILE PETROLIERĂ, TEXTILĂ ȘI CONSTRUCTOARE DE MAȘINI pe durata contractului (1999-2002), în colectivul <i>Centrului de excelență în inginerie mecanică și tribologie (CESIT)</i> din departamentul Organe de mașini și Tribologie al Universității POLITEHNICA din București. Valoarea totală a contractului a fost de 1 350000 lei, din care finanțare bugetară de 600 000 lei, suma primita 120000lei, 1 euro=2,5RON,	48,000
2	<i>Orizont 2000 – CESIT cu tema A24/20002</i> – Rugozitatea optima la diferite prelucrări mecanice si evaluarea calitatii suprafetelor prin stabilirea parametrilor fractali (2002-2003), val contract 19000000lei (Centrul de excelența in inginerie mecanica si tribologie – CESIT, Politehnica București, catedra de Organe de mașini și tribologie), suma primita 35000lei, 1euro=3RON,	11,666
3	<i>Contract cercetare 20-98-8/15.09.1998</i> , Performanțe tribologice ale lichidului de ungere și răcire AZOL (1998-1999) valoare 1200000 lei, suma primita 550000lei, 1 euro=1,8RON	30,555
4	<i>RELANSIN nr. 1982/15.09.2004-2006</i> cu titlul Metodă de automatizare și informatizare a mașinilor unelte conventionale, prin utilizarea unor sisteme mecatronice și a unor tehnici computerizate de comandă, conducere și automatizare (director prof. dr.ing.Filip Viviana) valoarea totală a contractului 185000lei - 1 euro= 3,5RON,	13,214
	<b>Total</b>	<b>103,435</b>

Indicator S1+S2=27,9+103,435=131,335 standard minim=50 - **Indeplinit**

Indicator N5=16; standard minim=10 - **Indeplinit**

Nr.	Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de	Număr
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<b>crt.</b>	<b>autor/co-autor de lucrări, profesor invitat</b>	
1	Determining the functional and material properties needed for abrasive wear prediction, 7th International Conference on Advanced Concepts in Mechanical Engineering, IOP Conf. , Bucuresti	1
2	Developing of a database with Representations of Unfolded Surfaces Using the Engineering Graphics, 3 <sup>rd</sup> International Conference on Environmental and geological science and engineering, Constanta, sept 3-5, 2010, ISSN 1792-4685, ISBN 978-960-474-221-9, p.116-119,	1
3	Analytical and experimental studies on wear behaviour of cast and heat treated AlSi12CuMgNi and AlZn6MgCu matrix composites reinforced with ceramic particles, under sliding conditions In book: Proceedings of the International Conference of MECHATRONICS & CYBER-MIXMECHATRONICS ICOMECYME, Bucharest, Romania, September 6 <sup>th</sup> -7 <sup>th</sup> , 2018, DOI: 10.1007/978-3-319-96358-7 8,	1
4	Study on Degradation Mechanisms of the Inner Surface of Fire-Arms, Key Engineering Materials, Vol. 750, ISSN: 1662-9795, pp 69-74, Bucuresti doi:10.4028/www.scientific.net/KEM.750.69 ,© 2017 Trans Tech Publications, Switzerland	1
5	Thermal Effect of the Brake Shoes Friction on the Wheel /Rail Contact, 8th International Tribology Conference, Belgrad, Tribology in industry, Volume 25, No. 1&2, 2003, p.27-32	1
6	Wear of turcit plastical material, Proceedings 7th International Conference on Tribology, Budapest 2000, p.62-65	1
7	Wear in the stick-slip movement for plastical materials, AIMETA2000, International Tribology Conference, L'Aquila Italy, p.581-588	1
8	A tribological "Passport" of plastical material RELAMID for sliding guidlindes, lucrare selectată și publicată în Journal of Balkan Tribological Association vol 5, No 4, 239-246, 1999;	1
9	Friction influences in translation guide ways functioning, The 4 <sup>th</sup> International conference on advanced manufacturing tehnologies, Bucuresti, 2005, Editura Academiei Romane, p.277 – 280	1
10	Friction coefficient determination in serval lubrication conditions, 10 <sup>th</sup> International Conference on Tribology Bucharest, nov 2007, Ed Politehnica Press, ISSN 1843-6501.	1
11	Calculation principales regarding the wear of shaft – sliding Bearing coupling, Conferinta Internationala de Mecanica Ruperii, Bacau, vol 4 - Modelling and optimization in the machines building field, Editura ALMA MATER Bacau 2007, ISSN 1224-7480, p.171-176	1
12	Friction coefficient determination in serval lubrication conditions, 10 <sup>th</sup> International Conference on Tribology Bucharest, nov 2007, Ed Politehnica Press, ISSN 1843-6501.	1
13	Calculation principales regarding the wear of shaft – sliding Bearing coupling, Conferinta Internationala de Mecanica Ruperii, Bacau, vol 4 - Modelling and optimization in the machines building field, Editura ALMA MATER Bacau 2007, ISSN 1224-7480, p.171-176	1
14	Considerations regarding the wear calculus for the kinematic couples shoft-sliding bearing, International Conference on Economic Engineering and Manufacturing System, 2005, ISBN 973-635-589-6, Ed Universitatii Transilvania Brasov, p.45;	1
15	Wear Model of sliding motion flat surfaces used in mechanical engineering, Internationa Conference on Advanced Concepts in Mechanical Engineering, Applied Machanics and Material ACME2014	1
16	Determining of the wear traces for sliding couplings, Internationa Conference on Advanced Concepts in Mechanical Engineering, Applied Machanics and Material ACME2015	1
	<b>Total</b>	<b>16</b>

Citări în publicații BDI (se exclud autocitările) A3.3

Indicator C=36,297; standard minim=25 - **Indeplinit**

<b>Nr. crt.</b>	<b>Articol citat</b>	<b>Dovada</b>	<b>Factor impact FI</b>	<b>Punctaj C = C1 +SFI</b>
				<b>Numar C1</b>



1	<b>Tudor A. C. Radulescu și Petre I. – Thermal Effect of the Brake Shoes Friction on the Wheel /Rail Contact, Tribology in industry, Volume 25, No. 1&amp;2, 2003, p.27-32, <a href="https://www.scopus.com/authid/detail.uri?authorId=43561428700">https://www.scopus.com/authid/detail.uri?authorId=43561428700</a></b>			(4)
a	Thermal and Hygroscopic Properties of Indoor Particulate Matter Collected on an Underground Subway Platform - CJ Ma, KB Lee, D Zhang... - Asian Journal of Atmospheric Environment - Vol. 9, No. 3, pp.228-235, ISSN: 1976-6912	DOI: <a href="https://doi.org/10.5572/ajae.2015.9.3.228">10.5572/ajae.2015.9.3.228</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=c999274f-30a2-4a78-88e8-5ef215e003c6">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=c999274f-30a2-4a78-88e8-5ef215e003c6</a>		1
b	Case Study: the Influence of Oil-based Friction Modifier Quantity on Tram Braking Distance and Noise - Radovan Galas, Show all 7 authors, Tribology in Industry 39(2):198-206	DOI:10.24874/ti.2017.39.02.06 <a href="https://www.scopus.com/sourceid/67736?origin=resultslist">https://www.scopus.com/sourceid/67736?origin=resultslist</a>		1
c	A quasistatic approach to the thermoelasticity problem of rotating bodies, St. Petersburg Polytechnical State University Journal, SV Polyanskiy, AK Belyaev -	<b>DOI:</b> 10.18721/JPM.12113 <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=af94046c-2707-4528-b029-382f1c3c2bf8">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=af94046c-2707-4528-b029-382f1c3c2bf8</a> WOS:000465354300013		1
d	Study of the influence of the brake shoe temperature and wheel tread on braking effectiveness- P Ivanov, A Khudonogov, E Dulskiy, N Manuilov, A Khamnaeva, A Korsun, S Treskin, Journal of Physics: Conference Series, Volume 1614,	doi:10.1088/1742-6596/1614/1/012086 <a href="https://www.scopus.com/sourceid/130053?origin=resultslist">https://www.scopus.com/sourceid/130053?origin=resultslist</a>		1
2	<b>Petre I, Popescu I.N., Ungureanu D. N. - Aspects regarding the tribological behavior of Turcite and Relamid polymeric materials, in sliding motion couples, Revista materiale plastice, vol56, No. 1, 2019, p.55-58 <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=4">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C677vxnA4b6ra7oBpXx&amp;page=1&amp;doc=4</a></b>			(1)
a	Cavitation resistance of elastomeric coatings deposited by different methods – C.-R. Ciubotaru, D. Frunza Verde, Materiale Plastice (Mater. Plast.), Year 2019, Volume 56, Issue 4, 875-881	<a href="https://doi.org/10.37358/MP.19.4.5279">https://doi.org/10.37358/MP.19.4.5279</a> <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=CitingArticles&amp;qid=14&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;page=1&amp;doc=3">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=CitingArticles&amp;qid=14&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;page=1&amp;doc=3</a>	1,517	1
3	<b>Petre I., Bratu V., Enescu M. C., Stoian E. V., ANGHELINA Florina Violeta - Study on Degradation Mechanisms of the Inner Surface of Fire-Arms, Key Engineering Materials, Vol. 750, ISSN: 1662-9795, pp 69-74, doi:10.4028/www.scientific.net/KEM.750.69 <a href="https://www.scopus.com/authid/detail.uri?authorId=43561428700">https://www.scopus.com/authid/detail.uri?authorId=43561428700</a></b>			(2)
a	Getting Oil Pipes High Strength Quenched And Tempered Condition, Revista de Chimie (Rev. Chim.), Year	<a href="https://doi.org/10.37358/RC.18.7.6433">https://doi.org/10.37358/RC.18.7.6433</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-</a>	1,755	1

	2018, Volume 69, Issue 7, 1866-1870	<a href="https://doi.org/10.37358/MP.18.3.5029">Oeed-424a-982c-6f3a297bc404</a>		
b	Study Deformability Ecological Steel (41Cr4), Materiale Plastice (Mater. Plast.), Year 2018, Volume 55, Issue 3, 357-360	<a href="https://doi.org/10.37358/MP.18.3.5029">https://doi.org/10.37358/MP.18.3.5029</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-Oeed-424a-982c-6f3a297bc404">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-Oeed-424a-982c-6f3a297bc404</a>	1,517	1
4	<b>Petre I.</b> – Wear Model of sliding motion flat surfaces used in mechanical engineering, Applied Mechanics and Material Vol 658 (2014) pp 345-350, ACME2014, online available since 2014/oct/01 at doi 10.4028/www.scientific.net/AMM.658.345; <a href="https://www.scopus.com/authid/detail.uri?authorId=43561428700">https://www.scopus.com/authid/detail.uri?authorId=43561428700</a>			(1)
a	Influence of structure isotropy of machined surface on the wear process, - M Matuszewski, T Mikolajczyk, DY Pimenov, The International Journal of Advanced Manufacturing Technology volume 88, pages2 477–2483(2017)	DOI:10.1007/S00170-016-8963-Z <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=79348525-4c36-4076-a25b-aef68627ca69">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=79348525-4c36-4076-a25b-aef68627ca69</a>	2,633	1
5	<b>STOIAN Elena Valentina, ENESCU Maria Cristiana, PETRE Ivona, FLUIERARU Petre Cristian, NEGREA Alexis</b> - Studies and Research on the Influence of Carbon and Chromium Content Aimed at Obtaining Superior Mechanical Characteristics of 16CD4 Steel Used in the Automobile Industry, Key Engineering Materials, Vol. 750, ISSN: 1662-9795, pp 39-44 doi:10.4028/www.scientific.net/KEM.750.39 , © 2017 Trans Tech Publications, Switzerland Online: 2017-08-23, <a href="https://www.scopus.com/authid/detail.uri?authorId=43561428700">https://www.scopus.com/authid/detail.uri?authorId=43561428700</a>			(3)
a	STUDY DEFORMABILITY ECOLOGICAL STEEL (41CR4), Materiale Plastice (Mater. Plast.), Year 2018, Volume 55, Issue 3, 357-360	<a href="https://doi.org/10.37358/MP.18.3.5029">https://doi.org/10.37358/MP.18.3.5029</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-Oeed-424a-982c-6f3a297bc404">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-Oeed-424a-982c-6f3a297bc404</a>	1,517	1
b	Preparation of Nano-Materials for Lithium/Nano-Ion Battery Anode and Their Energy Storage Performance in the Field of Transportation, J Mao, W Li, X Zhang , Journal of Nanoelectronics and Optoelectronics, Volume 14, Number 6, June 2019, pp. 801-811(11)	DOI: <a href="https://doi.org/10.1166/jno.2019.2597">https://doi.org/10.1166/jno.2019.2597</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=733a5742-d901-4934-9d1b-2b6c016a39f5">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=733a5742-d901-4934-9d1b-2b6c016a39f5</a>	0,771	1
c	Getting Oil Pipes High Strength Quenched And Tempered Condition, REVISTA DE CHIMIE (REV. CHIM.), YEAR 2018, VOLUME 69, ISSUE 7, 1866-1870	<a href="https://doi.org/10.37358/RC.18.7.6433">https://doi.org/10.37358/RC.18.7.6433</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-Oeed-424a-982c-6f3a297bc404">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-Oeed-424a-982c-6f3a297bc404</a>	1,755	1

*elita*

6	M.C.Enescu, C.M.Vladulescu, A.Gaba, V.Bratu, E.V.Stoian, I.Petre – Cold end corrosion avoiding by using a new type of air combustion pre-heater, in Materials Science Forum 907:157-163 · September 2017, Materials Science Forum (Volume 907), Advanced Technologies of Materials Processing II p. 157-163, 10.4028/www.scientific.net/MSF.907.157, <a href="https://www.scopus.com/authid/detail.uri?authorId=43561428700">https://www.scopus.com/authid/detail.uri?authorId=43561428700</a>			(1)
a	Getting oil pipes high strength quenched and tempered condition, Revista de Chimie (Rev. Chim.), Year 2018, Volume 69, Issue 7, 1866-1870, Aceasta lucrare regasita in <a href="http://bch.ro/pdfRC/55%20RUSANESCU%20C%207%2018.pdf">http://bch.ro/pdfRC/55%20RUSANESCU%20C%207%2018.pdf</a> , citeaza lucrarea de la punctul 6 la pozitia 8 capitolul References	<a href="https://doi.org/10.37358/RC.18.7.6433">https://doi.org/10.37358/RC.18.7.6433</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-0eed-424a-982c-6f3a297bc404">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-0eed-424a-982c-6f3a297bc404</a>	1,755	1
7.	Petre I, , Stoian E., Enescu C. - Determining the heat regime in the working of a coupling with sliding motion, Scientific Bulletin of Valahia University - Materials and Mechanics 14(11):35-40, <a href="https://doi.org/10.1515/bsmm-2016-0006">https://doi.org/10.1515/bsmm-2016-0006</a> , <a href="https://scholar.google.ro/scholar?oi=bibs&amp;hl=ro&amp;cites=12925458283496813712">https://scholar.google.ro/scholar?oi=bibs&amp;hl=ro&amp;cites=12925458283496813712</a>			(4)
a	Study Deformability Ecological Steel (41Cr4), Materiale Plastice (Mater. Plast.), Year 2018, Volume 55, Issue 3, 357-360	<a href="https://doi.org/10.37358/MP.18.3.5029">https://doi.org/10.37358/MP.18.3.5029</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-0eed-424a-982c-6f3a297bc404">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C2Dt7eO8mFYRoNVOnzu&amp;search_mode=GeneralSearch&amp;prID=9fc1b2ff-0eed-424a-982c-6f3a297bc404</a> WOS:000452711500022	1,517	1
b	Multiphysics Analysis of Hemispherical Bulk Conductor Hertzian Contact Under Uniaxial Mechanical Load -B Ravelo, N Peyret, O Penas, IEEE Journal on Multiscale and Multiphysics Computational Techniques ( Volume: 4)	DOI: <a href="https://doi.org/10.1109/JMMCT.2019.2923878">10.1109/JMMCT.2019.2923878</a> <a href="https://www.scopus.com/sourceid/21100886154">https://www.scopus.com/sourceid/21100886154</a>		1
c	Multiphysics analysis of pin-socket electrical dynamic contact susceptibility under vibration stress, B Ravelo, IEEE Transactions on Electromagnetic Compatibility ( Volume: 61, Issue: 2, April 2019)	DOI: <a href="https://doi.org/10.1109/TEMC.2018.2832169">10.1109/TEMC.2018.2832169</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=1411b013-48ff-4c3b-b359-f36ee36348b3">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=1411b013-48ff-4c3b-b359-f36ee36348b3</a> WOS:000457790400004	1,882	1
d	Mathematical Modelling of the Stress-Strain Curve for 31VMn12 Ecological Steel- C.O. Rusenescu, C. Jinescu, M. Rusenescu, M. C. Enescu , F. V. Anghelina, E. V. Stoian , V. Despa, Materiale Plastice (Mater. Plast.), Year 2017,	<a href="https://doi.org/10.37358/MP.17.3.4861">doi.org/10.37358/MP.17.3.4861</a> <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=c0e7fa77-66d7-4083-8f67-3d422386ef3f">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=C1n3Fe1PgSWZfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=c0e7fa77-66d7-4083-8f67-3d422386ef3f</a>	1,517	1

	Volume 54, Issue 3, 409-413			
8.	<b>Petre I., Tudor - A friction and wear model for polymer and cast iron couple, THE ANNALS OF UNIVERSITY "DUNĂREA DE JOS" OF GALAȚI FASCICLE VIII, TRIBOLOGY 2003 ISSN 1221-4590 , p.107</b> <a href="https://www.academia.edu/24590275/Friction_and_Wear_Model_for_Polymer_and_Cast_Iron_Couple">https://www.academia.edu/24590275/Friction_and_Wear_Model_for_Polymer_and_Cast_Iron_Couple</a>			(1)
a	Failure by deformation in the lateral contact between sinusoidal asperities - Juan Carlos Rojas Garnica, Jorge Bedolla Hernández, Dariusz Szwedowicz Wasik, Advances in Mechanical Engineering 2016, Vol. 8(5) 1–13,	DOI: 10.1177/1687814016647252 <a href="https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=CIn3Fe1PgSWzfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=1c6a052b-b5b1-4ef5-ae50-77397bc42e55">https://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=CIn3Fe1PgSWzfHcBgtJ&amp;search_mode=GeneralSearch&amp;prID=1c6a052b-b5b1-4ef5-ae50-77397bc42e55</a>	1,161	1
			19,297	17
	<b>Total</b>			<b>36,297</b>

C1=numarul de citari

S<sub>FI</sub>=suma factorilor de impact al publicatiilor WOS in care apar citarile

C=C1+S<sub>FI</sub>

**Semnătura**



**Director sau responsabil partener la grant/proiect altele decat cele de la punctul S1**

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**Articole și publicații științifice BDI neincluse la P1, Autor corespondent/prim autor ISI - WSEAS**

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