

Domeniul Fundamental: STIINTE INGINERESTI

Domeniul de Studii Universitare: INGINERIE MECANICA

Comisia CNATDCU: 17. INGINERIE MECANICA, MECATRONICA SI ROBOTICA

STANDARDE MINIMALE NECESARE SI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN INVATAMANTUL SUPERIOR SI A GRADELOR PROFESIONALE DE CERCETARE – DEZVOLTARE

Subsemnatul . Răzvan George RÎPEANU, profesor univ. dr. ing.habil. la departamentul Inginerie Mecanică, facultatea IME – UPG Ploiesti, declar pe propria raspundere ca indeplinesc conditiile minime prevazute in Anexa nr. 17, pentru atestarea pe postul de professor universitar/abiliare, conform Fisei de verificare de mai jos.

Fisa de verificare

Nr. crt.	Domeniul activitatilor	Rezultatele activitatilor	Subcategoriile			Indicatori	Realizat	Conditii minime si obligatorii Profesor
1	Activitate didactica si profesionala-DID (A1)	Manuale suport de curs (conform fisei disciplinei de concurs)	A1.1	Format tiparit/electronic [1] (min. 100 pag.)	Coordonator/ prim autor	N1 = 14.73 N1.1 = 10.02	14.73 10.02	2 1
					Co-autor	N1.2 = 4.71	4.71	-
				Format electronic disponibil pe Platforma universitatii/departamentului (autor)		N1.3 = 1		1
		Material didactic/Dezvoltare laboratoare, aplicatii	A1.2	Standuri laborator (constructie/modernizari) certificate de directorul de departament		N2 = 16.36 N2.1 = 15	16.36 15	4 2
				Indrumar laborator/carte aplicatii format tiparit sau electronic (autor, co-autor)		N2.2 = 1,36	1,36	-
				Aplicatie informatica educationale		N2.3 = 0	0	-
2	Activitate decercetare stiintifica, dezvoltare tehnologica si inovare- CDI (A2)	Articole si publicatii stiintifice indexate Web of Science Thomson Reuters (WOS) [2], unde n=nr.de autori si FI este factorul de impact [3]	A2.1	Autor corespondent/ prim autor	n ≤ 3	P1+P2= 37,19719 P1 = 34,109 P1.1 = 17,542	37,19719 34,109 17,542	10 6 -
					n ≥ 4	P1.2 = 3,47265	3,47265	-
				Co-autor	n ≤ 3	P1.3 = 5,196	5,196	-
					n ≥ 4	P1.4 = 7,89874	7,89874	-
		Articole si publicatii stiintifice BDI [4] neincluse la A2.1	A2.2	Autor corespondent/ prim autor		N3 = 10 N3.1 = 7	10 7	10 5
				Co-autor		N3.2 = 3	3	-
		Brevete de inventii indexate [5]	A2.3	Internationale indexate in Web of Science-Derwent Innovation	n ≤ 3	P2 = 3,087 P2.1 = 3,087	3,087 3,087	- -
					n ≥ 4			
		Produse, tehnologii, platforme si servicii inovative (validate conform procedurilor specific unitatilor de invatamant superior sau de cercetare)	A2.4	Coordonator/prim autor		N4 = 27 N4.1 = 10	27 10	2 -
				Co-autor		N4.2 = 14	14	=
		Monografii/ carti de specialitate [2], format	A2.5	Coordonator/prim autor		N4.3 = 3	3	2
				Co-autor		N4.4 = 0	0	-

		tiparit/electro -nic (min.100 pag.)					
3	Recunoaster e si impactul activitatii- RIA (A3)	Atragere resurse Financiare prin granturi/proiecte/ contracte terti	A3.1	Director sau responsabil partener la grant/ proiect castigat prin competitie nationala sau internationala	$S=S1+S2=$ 147,19 $S1 = 62,218$	147,19	50
				Membri in echipa la grant/proiect castigat prin competitie nationala sau internationala, proiecte/contracte terti	$S2 = 84,972$	84,972	-
		Prezentarea/ Diseminarea rezultatelor: prezentarea la manifestari stiintifice in calitate de autor/coautor de lucrari, profesor invitat	A3.2	Congrese/conferinte/workshopuri internationale, profesor invitat la universitati/institute din strainatate	$N5 = 73$	73	10
		Citari in publicatii BDI [5] (se exclud autocitarile)	A3.3	C1 = numarul de citari SFI = suma factorilor de impact al publicatiilor WOS in care apar citarile	$C = C1 +$ $SFI =$ $=108+210,$ $779=$ $=318,779$	318,779	25

Note:

[1] Publicația este înregistrată în fondul de carte al bibliotecii naționale sau al bibliotecilor universităților respective.

[2] Se exclud publicațiile conferințelor DAAAM și WSEAS.

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

[4] Bazele de date BDI acceptate sunt: Web of Science Thomson Reuters (WOS) și SCOPUS.

[5] Un brevet se poate încadra la o singură categorie.

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

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

[8] Pentru contractele derulate înainte de 01.01.1999 se va considera echivalența: 1 EURO = 1 \$ USA

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

unde:

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

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

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

JUSTIFICAREA INDICATORILOR

1. Activitate didactică și profesională - DID (A1)

A1.1 Manuale suport de curs - Format tipărit/electronic -Coordonator/prim autor

Nr. crt.	Carti publicate (denumire)	Nr. Pag.	Indicator
1	Rîpeanu, R.G., Tudor, I., Zecheru, Gh., Trifan, C., Drumeanu, A.C., Dinita, A., Ingineria Coroziei și Managementul Riscului Rețelelor Metalice de Distribuție a Gazelor Naturale, Editura KARTA-GRAPHIC Ploiești, (cod CNCIS 340), 245 pg., ISBN 978-606-8312-94-1, Ploiești, 2013 http://alephnew.bibnat.ro:8991/F/N42DCR53KPA46MIQU8JEEY1ASM3J6SCL9UKTRGJTR9BCRT58LB-51714?func=full-set-set&set_number=007106&set_entry=000021&format=999	240	N1.1=2.4
2	Rîpeanu, R.G., Corrosion in drilling- Workover Applications, Editura KARTA-GRAPHIC Ploiești, (cod CNCIS 340), 105pg, ISBN 978-606-8312-95-8, Ploiești, 2013 http://alephnew.bibnat.ro:8991/F/N42DCR53KPA46MIQU8JEEY1ASM3J6SCL9UKTRGJTR9BCRT58LB-55121?func=full-set-set&set_number=007106&set_entry=000014&format=999	105	N1.1=1.05
3	Rîpeanu, R.G., Coroziunea și protecția contra coroziei conductelor, Editura KARTA-GRAPHIC Ploiești, (cod CNCIS 340), 126 pg., ISBN 978-606-8312-94-1, Ploiești, 2013 http://alephnew.bibnat.ro:8991/F/N42DCR53KPA46MIQU8JEEY1ASM3J6SCL9UKTRGJTR9BCRT58LB-54490?func=full-set-set&set_number=007106&set_entry=000013&format=999	126	N1.1=1.26
4	Rîpeanu, R.G., Protecție catodică, Suport curs CONPET, 161 pg., 2012 (inclus în suport curs Coroziunea Instalațiilor de Transport și depozitare- 190pg.)- format electronic	161	N1.1=1.61
5	Rîpeanu, R.G., Corrosion in drilling- Module 2, Suport curs OMV Petrom Well Academy, 101pg, 2011- format electronic- a fost multiplicat de OMV	101	N1.1=1.01
6	Rîpeanu, R.G., Coroziunea și protecția contra coroziei conductelor, Suport curs Asociația Patronala a Gazelor, 120pg., 2009- format electronic	120	N1.1=1.2
7	Rîpeanu, R.G., Corrosion in drilling- Module 3, Suport curs OMV Petrom Well Academy, 57pg, 2009- format electronic- a fost multiplicat de OMV	57	N1.1=0.57
8	Rîpeanu, R.G., Monitorizarea, Diagnoza și Mentenanța Utilajului Petrolier, suport curs PHARE Program Coeziune economică și socială, 73pg., 2005-2006- format electronic	73	N1.1=0.73
9	Rîpeanu, R.G., Corrosion of petroleum and petrochemical equipments, A17, Suport curs Dung Quat Refinery, Petroconsult, 19pg., 2007	19	N1.1=0.19
Total indicator N1.1 =			10.02

A1.1 Manuale suport de curs - Format tipărit/electronic -Co- autor

Nr. crt.	Carti publicate (denumire)	Nr. pag	Indicatori
1	Tudor, I., Zecheru, Gh., Drăghici, Gh., Ilie, E. Lața, Rîpeanu, R.G., Petrescu, M.G., Dinu, F., Georgescu, D., Roșu, B., Protecția anticorozivă și reabilitarea conductelor și rezervoarelor, Ed. Univ. Petrol-Gaze din Ploiești, (cod CNCIS 87), 448pg., ISBN 978-973-719-154-0, 2007 http://alephnew.bibnat.ro:8991/F/N42DCR53KPA46MIQU8JEEY1ASM3J6SCL9UKTRGJTR9BCRT58LB-02242?func=full-set-set&set_number=007205&set_entry=000001&format=999	240	N1.2=2.4
2	Tudor, I., Rîpeanu, R.G., Ingineria coroziei Vol.II, Editura Universității din Ploiești, (cod CNCIS 87), 351 pg., ISBN 973-8150-32-9, Ploiești, 2002; http://alephnew.bibnat.ro:8991/F/N42DCR53KPA46MIQU8JEEY1ASM3J6SCL9UKTRGJTR9BCRT58LB-00633?func=full-set-set&set_number=007191&set_entry=000021&format=999	351	N1.2=1.05
3	Tudor, I., Rîpeanu, R.G., Ingineria coroziei Vol.I, Editura Universității din Ploiești, (cod CNCIS 87), 301 pg., ISBN 973-8150-29-9, Ploiești, 2002 http://alephnew.bibnat.ro:8991/F/N42DCR53KPA46MIQU8JEEY1ASM3J6SCL9UKTRGJTR9BCRT58LB-00633?func=full-set-set&set_number=007191&set_entry=000021&format=999	301	N1.2=1.26

Total indicator N1.2 =	4.71
-------------------------------	-------------

A1.1 Manuale suport de curs - Format electronic disponibil pe Platforma universitatii/departamentului (autor)

Nr. crt.	Carti publicate (denumire)	Nr. pag	Indicatori
1	Rîpeanu, R.G. , Dinamica degradării sistemelor tehnice II- 100 pg- Curs dezvoltat pe platforma SIGMA in cadrul programului POSDRU 55585	100	N1.3=1
Total indicator N1.3 =			1

Total punctaj indicator N1=N1.1+N1.2=10.02+4.71=14.73

A1.2 Material didactic/Dezvoltare laboratoare, aplicatii- Standuri laborator (constructie/modernizari)

Nr. crt.	Dezvoltare standuri laborator pentru activitati didactice/cercetare	Indicatori
1	Determinarea vitezei de coroziune a anodului macropilelor galvanice-(achizitionare multimetre APPA)	N2.1=1
2	Determinarea potențiodinamică a parametrilor electrochimici de coroziune- (sistem potentiostat)	N2.1=1
3	Determinarea uzurii si coeficientului de frecare pe tribometrul CSM ball -on –disk-(bile, cuve, traductor de rezistenta, suport, greutate)	N2.1=1
4	Determinarea influentei mediului de lucru asupra uzurii si coeficientului de frecare pe mașina ball-on disk-(bile 100Cr6, safir, cuve de 2 dimensiuni, traductor de rezistenta, suport, greutate)	N2.1=1
5	Determinarea parametrilor ce definesc microgeometria suprafețelor si variația lor in funcție de condițiile de frecare-(palpator pentru profilometrul Surtronic3+)	N2.1=1
6	Determinarea potențialului fata de sol a construcțiilor metalice îngropate (Protecție catodica)	N2.1=1
7	Determinarea rezistivității solurilor (Aparat măsurare prize de pământ)	N2.1=1
8	Stabilirea influentei concentrației in săruri asupra conductivității soluțiilor (Conductivimetru,)	N2.1=1
9	Determinarea pH-ului si a conductivității solului (pH-metru, conductivimetru)	N2.1=1
10	Determinarea sarcinilor induse de sol si trafic in construcțiile metalice îngropate - (Traductor Spider 8+, soft Catman, marci, traductor deplasare)	N2.1=1
11	Realizare laborator Protecție Catodica	N2.1=1
12	Stand de determinare a fortelor si momentului la gaurire	N2.1=1
13	Stand de testare la oboseala in mediu coroziv	N2.1=1
14	Stand de determinare a fortelor/momentelor cu simularea articulatiei genunchiului	N2.1=1
15	Adaptare stand de uzura cu miscare rectilinie alternativa pentru determinare uzurii etansarilor metal pe metal	N2.1=1
Total indicator N2.1 =		15

A1.2 Material didactic/Dezvoltare laboratoare, aplicatii -Indrumar laborator/carte aplicatii format tiparit sau electronic (autor, co-autor)

Nr. crt.	Carti publicate (denumire)	Nr. pag	Indicatori
1	Tudor, I., Rîpeanu, R.G. , Coroziunea și protecția suprafețelor-Îndrumar de lucrări practice, Editura IMPRIMEX, 92 pg., ISBN 973-96751-7-4, Ploiești, 1997	92	N2.2=0.92
2	Rîpeanu, R.G., Materials and corrosion, B32, Suport aplicatii Dung Quat Refinery, Petroconsult, 9pg., 2007	9	N2.2=0.09
3	Rîpeanu, R.G., Tribology, B38, Suport curs Dung Quat Refinery, Petroconsult, 18pg., 2007	18	N2.2=0.18
4	Rîpeanu, R.G., Corrosion, B35, Suport curs Dung Quat Refinery, Petroconsult, 17pg., 2007	17	N2.2=0.17
Total indicator N2.2 =			1.36

A1.2 Material didactic/Dezvoltare laboratoare, aplicatii- Aplicatie informatica educationala

Nr. crt.	Aplicatie informatica educationala	Indicatori
1	-	N2.3=0
Total indicator N2.3=		0

Total punctaj indicator N2
N2=N2.1+N2.2+N2.3=15+1.36+0=16.36

2. Activitate de cercetare stiintifica, dezvoltare tehnologica si inovare- CDI (A2)

**A2.1 Articole si publicatii stiintifice indexate Web of Science Thomson Reuters (WOS), unde n=nr.de autori si FI este factorul de impact
– autor correspondent/prim autor, $n \leq 3$**

Nr. crt.	Denumire articol	Factor de Impact FI	Realizat $P1.1 = 2(0,2+FI), n \leq 3$
1	Ripeanu, R. G. , Design and technology parameters influence on durability for heat exchangers tube to tubesheet joints , 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 2016, Book Series: IOP Conference Series-Materials Science and Engineering Vol. 174, 2017 , pp.1-10, ISSN 1757-8991, https://doi.org/10.1088/1757-899X/174/1/012043 , Bristol BS1 6BE, England,2017 WOS:000399753500043	0	0.4
2	Ripeanu, R. G. , Ispas, A., Ispas, D., Experimental analysis	0	0.4

	of axial and radial stress distribution in soft materials used for petrochemical valve stem sealing package , 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 2016, Book Series: IOP Conference Series-Materials Science and Engineering Vol.174, 2017 , pp.1-8, ISSN 1757-8981, https://doi.org/10.1088/1757-899X/174/1/012004 , Bristol BS1 6BE, England,2017 WOS:000399753500004		
3	Ripeanu, R.G. , Minescu, M., Nita, C.A., <i>Wear behaviour of antifriction coatings applied at parallel gate valves</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.22, No.1, 2016 , pp.240-249, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2016 WOS:000374619000023	0.737	1.874
4	Ripeanu, R.G. , Badicioiu, M., Caltaru, M., <i>Reconditioning of drill collars by using welding technologies</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.21, No.2, 2015 , pp.314-328, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2015 WOS:000357902700006	0.737	1.874
5	Ripeanu, R.G. , Ispas, V., Ispas, D., Review above applying active anode protection at some dynamic petroleum equipment's in order to reduce wear , FME Transactions, Ed. University of Belgrade, Vol.43, No.3, 2015, pp.192-205, ISSN 1451-2092, http://www.mas.bg.ac.yu/transactions/ , www.scopus.com , Belgrade, Serbia, 2015 WOS:000409735300005	0	0.4
6	Caltaru, M., Badicioiu, M., Ripeanu, R.G. , <i>Establishing the tribological behavior of the HVOF hardfacing applied at petroleum gate valves</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.19, No.3, 2013, pp.448-460, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2013 WOS:000325829500012	0.737	1.874
7	Ripeanu, R.G. , Ispas, V., Ispas, D., <i>Tribological behaviour of brake bands</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.18, No.1, 2012 , pp.28-35, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2012 WOS:000302843400003	0.737	1.874
8	Ripeanu, R.G. , Ispas, V., Ispas, D., <i>Austenitic stainless steel type AISI 316L corrosive behaviour in hair shampoo medium</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.18, No.1, 2012, pp.36-43, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2012 WOS:000302843400004	0.737	1.874
9	Ripeanu, R.G. , Tudor, I., Dinu, F., <i>Research about the efficiency of active anode protection at centrifugal pumps</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.15, No.2, 2009, pp.193-201, ISSN	0.737	1.874

	1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2009 WOS:000268739400006		
10	Drumeanu, A., Rîpeanu, R.G. , Matei, G.M, <i>Metalworking fluids based on vegetable oil and synthetic esters used for turning operations</i> , Journal of the Balkan Tribological Association, Vol.14, No.4, 2008, p.551-559, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2008 WOS:000263036200015	0.737	1.874
11	Manea, F., Tudor, I., Rîpeanu, R.G. , <i>Acțiunea corosivă a apelor de zăcământ asupra componentelor metalice ale pompelor de extracție a petrolului</i> , Rev. De Chimie din România, Ianuarie 2005 , Vol.56, pp.103-105, RCBUAU 56 (1)-2005, ISSN 0034-7752, București, http://www.revistadechimie.ro/ , 2005	1.412	3.224
Total indicator P1.1 =			17.542
			$n \leq 3$

A2.1 Articole si publicatii stiintifice indexate Web of Science Thomson Reuters (WOS), unde n =nr.de autori si FI este factorul de impact – autor correspondent/prim autor, $n \geq 4$

Nr. crt.	Denumire articol	Factor de Impact FI	Realizat $P1.2 = 2 \cdot 3 \cdot (0,2 + FI)/n$, $n \geq 4$
1	Ripeanu R G , Badicioiu M, Caltaru M, Dinita A, Laudacescu E, <i>Tribological characterization of the drill collars and casing friction couples</i> , 9th International Conference on Tribology, BALKANTRIB'17 13-15 September, Cappadocia, TURKEY, 2017, Book Series: IOP Conference Series-Materials Science and Engineering Vol. 295, 2018, pp.1-10, ISSN 1757-8981, https://doi.org/10.1088/1757-899X/295/1/012009 , Bristol BS1 6BE, England, 2018 WOS:000448617300009	0	0.24
2	Dragomir, D., Cojocaru, M., Alexa, M., Rîpeanu, R.G. , Drumeanu, A.C., <i>Nitriding technologies using process sensors in view of obtaining of resistant layers against corrosion and wear</i> Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.16, No.1, 2010, pp.80-87, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2010 WOS:000276649000009	0.737	1.1244
3	Tudor, I., Popescu, A., Rîpeanu, R.G. , Drumeanu, A.C., Braic, V., Balaceanu, M., Vladescu, A., Braic, M., <i>Tribological behavior of TiSiN/Ti and TiSiN/Cu multilayer coatings</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.15, No.2, 2009, pp.156-162, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2009 WOS:000268739400002	0.737	0.70275
4	Rîpeanu, R.G. , Drumeanu, A.C., Luca, M., Rîpeanu, L.,	0.737	1.4055

	<i>Establishment of the influence of soybean oil on wear behavior of cutting tools durability</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.14, No.4, 2008, pp.490-499, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2008 WOS:000263036200009		
Total indicator P1.2 =			3.47265 $n \geq 4$

A2.1 Articole si publicatii stiintifice indexate Web of Science Thomson Reuters (WOS), unde $n = nr.de\ autori\ si\ FI$ este factorul de impact – co-autor, $n \leq 3$

Nr. crt.	Denumire articol	Factor de Impact FI	Realizat $P1.3 = 0,2 + FI$, $n \leq 3$
1	Drumeanu, A.C., Rîpeanu, R.G. , <i>Corrosivity of some lubricating solutions based on organic polymers</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.21, No.1, 2015, pp.211-221, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2015 WOS:000353529500019	0.737	0.937
2	Drumeanu, A.C., Rîpeanu, R.G. , <i>Metallic element design of the tribo-thermal stressed dry friction couples</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.16, No.3, 2010 , pp.362-372, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2010 WOS:000282925100005	0.737	0.937
3	Filip, St. M., Rîpeanu, R.G. , Avrigean, E., <i>Studies and Research on the Electrical Resistance of the Polyethylene Insulation Used for the Chemical Protection of the Steel Pipelines Intended for the Natural Gas Distribution</i> , MATERIALE PLASTICE, Vol. 54, No. 1, 2017 , pp. 63-66, ISSN 0025-5289, http://www.revmaterialeplastice.ro/archive.asp , Bucuresti, Romania, 2017 WOS:000400629900015	1.248	1.448
4	Drumeanu, A.C., Antonescu, N.N., Rîpeanu, R.G. , <i>Some aspects concerning the experimental determination methodology for the non-isothermal cyclic durability of the machine steels</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.16, No.3, 2010 , pp.315-328, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2010 WOS:000282925100001	0.737	0.937
5	Florea, O., Luca, M., Rîpeanu, R.G. , <i>Environmentally friendly thread compounds for casing, tubing and line pipe</i> , Journal of the Balkan Tribological Association, Ed.SciBulCom.Ltd, Vol.15, No.2, 2009, pp.292-297, ISSN 1310-4772, http://scibulcom.net/jbtan.php , Sofia, Bulgaria, 2009 WOS:000268739400017	0.737	0.937

Total indicator P1.3 =	5.196 $n \leq 3$
-------------------------------	--

A2.1 Articole si publicatii stiintifice indexate Web of Science Thomson Reuters (WOS), unde $n = \text{nr. de autori}$ si FI este factorul de impact – co-autor, $n \geq 4$

Nr. crt.	Denumire articol	Factor de Impact FI	Realizat $P1.4 = 3 \cdot (0,2 + FI)/n$, $n \geq 4$
1	Besleaga, C., Dumitru, V., Trinca, LM., Popa, AC., Negrița, CC., Kolodziejczyk, L., Luculescu, CR., Ionescu, GC., Ripeanu, RG. , Vladescu, A., <i>Mechanical, Corrosion and Biological Properties of Room-Temperature Sputtered Aluminum Nitride Films with Dissimilar Nanostructure, NANOMATERIALS</i> Vol. 7, No. 11, ISSN: 2079-4991, pp.1-26, Article Number: 394 doi: 10.3390/nano7110394 Published: NOV 2017 WOS:000416783800049	3.504	1.1112
2	Cursaru, D.L., Ramadan, I., Tănăsescu, C., Ripeanu, R.G. , <i>Study of the Tribological behavior of different carbonaceous nanomaterials such as antiwear additives for an environmental friendly lubricant</i> , Digest Journal of Nanomaterials and Biostructures, Vol.8, No.2, April-June 2013, ISSN:1842-3582, pp. 805-815, http://www.chalcogen.infim.ro/digest.html , Bucuresti, Romania, 2013 WOS:000322737500034	0.673	0.65475
3	Cursaru, D.L., Andronescu, C., Pirvu, C., Ripeanu, R.G. , <i>The efficiency of Co-based single wall carbon nanotubes (SWNTs) in comparison with a commercial additive as AW and EP additives to mineral base oil</i> , Wear, Ed. Elsevier B.V. Olanda, Vol. 290-291, 30 June 2012, pp. 133-139, ISSN: 0043-1648, http://dx.doi.org/10.1016/j.wear.2012.04.019 , Amsterdam 1043 NX, Olanda, 2012 WOS:000307032800016	2.96	2.37
4	Braic, M., Braic, V., Balaceanu, M., Zoita, C.N., Kiss, A., Vladescu, A., Popescu, A., Ripeanu, R.G. , <i>Structure and properties of Zr/ZrCN coatings deposited by cathodic arc method</i> , Mater. Chem. Phys. (2011), Materials Chemistry and Physics, Ed. Elsevier B.V. Olanda, Vol.126, No.3, 2011, pp.818-825, ISSN 0254-0584, doi: 10.1016/j.matchemphys.2010.12.036 , Amsterdam 1043 NX, Olanda, 2011	2.21	0.90375
5	Balaceanu, M., Braic, V., Braic, M., Vladescu, A., Zoita, C.N., Grigorescu, C.E., Grigore, E., Ripeanu, R.G. , <i>Characteristics of Ti-Nb, Ti-Zr and Ti-Al containing hydrogenated carbon nitride films</i> , Solid State Sciences, Ed. Elsevier B.V. Olanda, Vol. 11, No.10, 2009, pp.1773-1777, ISSN 1293-2558, doi: 10.1016/j.solidstatesciences.2008.12.001 , Amsterdam	1.861	1.54575

	1043 NX, Olanda,, 2009 WOS:000271331900009		
6	Balaceanu, M., Braic, V., Kiss, A., Zoita, C.N., Vladescu, A., Braic, M., Tudor, I., Popescu, A., Rîpeanu, R.G. , Logofatu, C. and Negrilă, C.C., <i>Characteristics of arc plasma deposited TiAlZrCN coatings</i> , Surface and Coatings Technology, Ed. Elsevier B.V. Olanda, Vol.202, No.16, 2008 , pp.3981-3987, ISSN 0257-8972, doi:10.1016/j.surfcoat.2008.02.005 , Amsterdam 1043 NX, Olanda, 2008 WOS:000255821600030	2.906	0.84709
7	Vladescu, A., Kiss, A., Popescu, A., Braic, M., Balaceanu, M., Braic, V., Tudor, I., Logofatu, C., Negrilă, C. C. and Rîpeanu, R.G. , <i>Influence of Bilayer Period on the Characteristics of Nanometre-Scale ZrN/TiAlN Multilayers</i> , J. Nanosci. Nanotechnol., Ed. American Scientific Publishers, Vol.8, No.2, 2008 , pp. 717–721, ISSN 1533-4880, http://www.aspbs.com/jnn/contents_jnn2008.htm#v8n2 , Valencia, California 91381-0751, USA, 2008, http://www.ncbi.nlm.nih.gov/sites/entrez , IngentaConnect DOI: 10.1166/jnn.2008.D218 , California USA, 2008 WOS:000254083700038	1.354	0.4662
Total indicator P1.4 =		7.89874	$n \geq 4$

Total punctaj indicator P1

$$P1=P1.1+P1.2+P1.3+P1.4=17,542+3,47265+5,196+7.89874=34.10939$$

A2.2 Articole si publicatii stiintifice BDI neincluse la A2.1 - autor corespondent/prim autor

Nr. crt.	Denumire articol	Baza de date	Realizat N3.1 =numar
1	Tudor, I., Rîpeanu, R.G. , <i>Minimising wear by weld covering with metallic carbide recovered at grinding</i> , Tribology in industry, Vol. 19, no.3, pp.124-127, YU ISSN 0354-8996, Kragujevac, http://scindeks.nb.rs/journalDetails.aspx?issn=0351-1642 , www.scopus.com , 1997	Scopus	1
2	Tudor, I., Popescu, A., Rîpeanu, R.G. , Balaceanu, M., Braic, V., Braic, M., <i>Tribological characteristics of superhard Ti (C, N) coating deposited on milling cutters</i> , Tribology in Industry, vol. 26, no. 1-2, pp. 48-51, YU ISSN 0354-8996, Kragujevac, http://scindeks.nb.rs/journalDetails.aspx?issn=0351-1642 , www.scopus.com , 2004	Scopus	1
3	Zidaru, I., Rîpeanu, R.G. , Tudor, I., Drumeanu, A.C., <i>Research regarding the improvements of tribological behavior in three cone bits bearings</i> , FME Transactions, Ed. University of Belgrade, Vol.37, No.2, 2009, pp.99-102,	Scopus	1

	ISSN 1451-2092, http://www.mas.bg.ac.yu/transactions/ , www.scopus.com , Belgrade, Serbia, 2009		
4	Iancu, M., Rîpeanu, R.G. , Tudor, I., <i>Heat exchangers tube to tube sheet joints corrosion behavior</i> , Tribology in Industry, vol. 35, no. 1, pp. 19-24, YU ISSN 0354-8996, Kragujevac, http://scindeks.nb.rs/journalDetails.aspx?issn=0351-1642 , www.scopus.com , Serbia, 2013	Scopus	1
5	Rîpeanu, R.G. , Drumeanu, A.C., Luca, M., Orban, T., <i>Tribological Behavior of Metalworking Fluids</i> , Proceedings of 17 th International Colloquium Tribology 2010, Solving Friction and Wear Problems, Vol.1, 2010, Technische Akademie Esslingen, pp.738-743, www.tae.de/tribology/ , www.scopus.com , ISBN 978-3-924813-80-2, 19-21 January, Ostfildern, Germany, 2010	Scopus	1
6	Rîpeanu, R.G. , Drumeanu, A.C., Luca, M., <i>The influence above cutting tools durability of oil base lubricants</i> , Proceedings of 16 th International Colloquium Tribology 2008, Lubricants Materials and Lubrication Engineering and CD TAE 2008, ISBN 3924813736; 978-392481373-4, Technische Akademie Esslingen, www.tae.de/tribology/ , www.scopus.com , 15-17 January, Ostfildern, Germany, 2008	Scopus	1
7	Rîpeanu, R.G. , Tudor, I., Dinu, F., <i>Diminishing Erosion-Corrosion Wear at Centrifugal Pumps</i> , Proceedings of 16 th International Colloquium Tribology and CD TAE 2008, ISBN 3924813736; 978-392481373-4, Technische Akademie Esslingen, www.tae.de/tribology/ , www.scopus.com , 15-17 January, Ostfildern, Germany, 2008	Scopus	1
Total indicator N3.1 =			7

A2.2 Articole si publicatii stiintifice BDI neincluse la A2.1 – co-autor

<i>Nr. crt.</i>	<i>Denumire articol</i>	<i>Baza de date</i>	<i>Realizat N3.2 =numar</i>
1	Drumeanu, A.C., Rîpeanu, R.G. , <i>Tribological Characteristics of Lubricant Solutions based on Polyacrylamide</i> , Proceedings of 17 th International Colloquium Tribology 2010, Solving Friction and Wear Problems, Vol.1, 2010, Technische Akademie Esslingen, pp.831-836, www.tae.de/tribology/ , www.scopus.com , ISBN 978-3-924813-80-2, 19-21 January, Ostfildern, Germany, 2010	Scopus	1
2	Caltaru M, Badicioiu M, Ripeanu R G , Dinita A, Minescu M, Laudacescu E, <i>Tribological characterization of the drill pipe tool joints reconditioned by using welding technologies</i> , 9th International Conference on Tribology, BALKANTRIB'17 13-15 September, Cappadocia, TURKEY, 2017, Book Series: IOP Conference Series-	WOS	1

	Materials Science and Engineering Vol. 295, 2018 , pp.1-11, ISSN 1757-8981, https://doi.org/10.1088/1757-899X/295/1/012010 , Bristol BS1 6BE, England, 2018 WOS:000448617300010		
3	Ionescu, G.C., Nae, I., Ripeanu, R.G. , Dinita, A., Stan, G., <i>Studies on Tribological Behavior of Aluminum Nitride-Coated Steel</i> , 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Vol. 174, 2017 , pp.1-9, ISSN 1757-8981, https://doi.org/10.1088/1757-899X/174/1/012052 , Bristol BS1 6BE, England, 2017 WOS:000399753500052	WOS	1
Total indicator N3.2 =			3

Total punctaj indicator N3

$$N3=N3.1+N3.2=7+3=10$$

A2.3 Brevete de inventie indexate Web of Science-Derwent innovation

<i>Nr. crt.</i>	<i>Denumire articol</i>	<i>Derwent Primary Accession Number</i>	<i>Realizat</i> $P2.1 = \frac{3 \cdot (0,2 + FI)}{n}$, $n \geq 4, FI=2$
1	Tudor, I., Grigore, V., Zecheru, Gh., Drăghici, Gh., Dinu, F., Ripeanu, R.G. , Mocănescu, F., <i>Dispozitiv pentru protecția catodică a pompelor de extracție a petrolului, Oil well pump cathodic protection system includes multiple sleeves forming anodes and providing centering for control rod above the pump</i> Brevet de invenție nr. RO118671-B/2003, Oficiul de stat pentru invenții și mărci, București, 2003	2003-799087	0.9428
2	Tudor, I., Ripeanu, R.G. , Dinu, F., Grigore, V., Anicăi, L., Anghelache, M., Furtună, E., Tudor, M.C., <i>Dispozitiv pentru protecția catodică a pompelor centrifuge Device for centrifugal pump cathodic protection, has cathodic protection by modifying electrochemical potential of materials, and central parts mounted with end welded on cover closing flange</i> , Brevet de invenție nr. RO122867 -B/2010, E21B-041/02, Oficiul de stat pentru invenții și mărci, București, 2010	2010-K24192	0.825
3	Orban, I.T., Luca, M.C., Matei, G.M., Ripeanu, R.G. , Lucaciu, I.E., <i>Compozitie de ulei emulsionabil ecologic Ecological emulsifiable oil composition, comprises glycerine esters, vegetable oils with glycerine, monoglycerides, diglycerides and triglycerides</i> , Brevet de invenție nr. RO126567-B1/2012, C10M 105/32, Oficiul de stat pentru invenții și mărci, București, 2012	2011-Q13240	1.32
Total indicator P2.1=			3.0878

TOTAL punctaj brevete de inventii indexate P2.1+P2.2=3.0878

Total punctaj P1+P2=34.10939+3.0878=37.19719

A2.4 Produse, tehnologii, platforme si servicii inovative (validate conform procedurilor specifice unitatilor de invatamant superior sau de cercetare) coordinator/prim autor, co-autor

<i>Nr. crt.</i>	<i>Produse, tehnologii, platforme si servicii inovative</i>	<i>Indicator N4.1(numar) sau N4.2(numar)</i>
1	<i>Produse ecologice pentru prelucrarea metalelor, obținute din materii prime regenerabile SINBIOMED</i>	1
2	<i>Produse de protecție anticorosivă multifuncționale</i>	1
3	<i>Noi materiale pentru acoperiri ultradure a reperelor supuse la uzură intensă-ANTIWEAR</i>	1
4	<i>Tehnologie, asistata de calculator, pentru obținerea unor uleiuri pentru prelucrarea metalelor, compatibile cu mediul, utilizate in industria constructoare de masini-CUTOIL</i>	1
5	<i>Lubrifianti speciali pentru ungerea motoarelor Diesel ale locomotivelor modernizate prevăzute cu lagăre de argint, la nivelul cerințelor internaționale</i>	1
6	<i>Aditivi fără cenușă de tip esteri și pachete de aditivi cu proprietăți antioxidante, anticorozive, antiuzură, extremă presiune și formulări de uleiuri și unsori lubrifiante cu acești aditivi</i>	1
7	<i>Introducerea protecției catodice la pompele destinate vehiculării petrolului brut și a apelor de zăcământ</i>	1
8	<i>Obținerea materialelor antifricțiune prin metalurgia pulberilor și tratamente termochimice</i>	1
9	<i>Obținerea lacurilor lubrifiante, cu aplicații la protecția robinetelor</i>	1
10	<i>Creșterea durabilității lagărelor sapelor cu trei conuri,</i>	1
11	<i>Creșterea durabilității sculelor așchietoare utilizate în procesele de reparare a utilajului petrolier prin stabilirea parametrilor optimi de aschiere</i>	1
12	<i>Determinarea parametrilor garniturilor spirometalice la încercarea de compresiune și revenire elastică cu determinarea stabilității fabricației</i>	1
13	<i>Evaluarea caracteristicilor constructive si functionale ale sistemelor de inchidere si reglare (robinet actuator) utilizate in SNTGN din perspective fiabilitatii, mentenantei proactive si sigurantei in exploatare</i>	1
14	<i>Elaborare si validare metodologie pentru expertizarea tehnica a rețelelor de distribuție gaze naturale</i>	1
15	<i>Elaborare norme tehnice privind mentenanța S.N.T.-Etapa III Norme tehnice privitoare la mentenanța componentelor sistemului de protecție catodică a conductelor-S.P.C</i>	1
16	<i>Evaluarea proceselor care conduc la cedarea în exploatare a</i>	1

	<i>conductelor</i>	
17	<i>Creșterea durabilității matrițelor destinate deformării la cald</i>	1
18	<i>Testarea unui model de implant acoperit cu straturi biocompatibile</i>	1
19	<i>Influența fenomenului de electroosmoză asupra procesului de protecție catodică a conductelor magistrale</i>	1
20	<i>Stabilirea durabilității elementelor principale ale pompelor de extracție în condiții de uzare corosiv-abrazivă în prezența apelor de zăcământ</i>	1
21	<i>Elaborarea unei metodologii și a aparaturii pentru caracterizarea unsoirilor antigripante destinate garniturii de foraj</i>	1
22	<i>Noi materiale și tehnologii de execuție ale etanșărilor tip presetupă de la pompele de extracție</i>	1
23	<i>Tehnologia de realizare a armăturilor placate prin tehnica metalurgiei pulberilor utilizând compactarea izostatică la rece</i>	1
24	<i>Normativ pentru verificarea turelor și masturilor de producție cu durată de funcționare îndelungată- Vol. 5- Tehnologii de remediere si reparare a defectelor constatate la expertizarea turelor și masturilor de producție</i>	1
Total punctaj indicator N4.1+N4.2=		24

**A2.5 Monografii/carti de specialitate, format tiparit/electronic –
coordonator/prim autor N4.3 sau co-autor N4.4 (numar)**

<i>Nr. crt.</i>	<i>Monografii de specialitate/ carti de specialitate, format tiparit/electronic</i>	<i>Nr. pag.</i>	<i>Indicator</i>
1	<i>Proceedings of the 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 2016, Book Series: IOP Conference Series-Materials Science 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 2016, Book Series: IOP Conference Series-Materials Science and Engineering Vol. 174, ISSN 1757-8981, http://iopscience.iop.org/issue/1757-899X/174/1 Bristol BS1 6BE, England,2017and Engineering Vol. 174, ISSN 1757-8981, http://iopscience.iop.org/issue/1757-899X/174/1 Bristol BS1 6BE, England,2017</i>	543	1
2	Rîpeanu, R.G., <i>Tribocoroziunea pompelor de extracție</i> , Editura Universității din Ploiești, (cod CNCIS 87), 191 pg., ISBN 973-719-085-8, Ploiești, 2005 http://alephnew.bibnat.ro:8991/F/N42DCR53KPA46MIQU8JEEY1ASM3J6SCL9UKTRGJTR9BCRT58LB-53320?func=full-set-set&set_number=007106&set_entry=000030&format=999	191	1
3	<i>Proceedings of the 8th International Conference on Tribology Balkantrib'14, 30 Oct- 1 Nov. 2014, http://balkantrib.upg-ploiesti.ro/, 892 pg., ISBN 978-973-719-570-8, Ed. Petroleum-Gas University of Ploiesti, Sinaia, Romania, 2014</i>	892	1
Total N4.3+N4.4=		3	

**Total indicator punctaj indicator N4
N4=N4.1+N4.2+N4.3+N4.4=10+14+3+0=27**

3.Recunoastere si impactul activitatii-RIA (A3)

A3.1 Atragere resurse financiare prin granturi/proiecte/contracte terti (1Euro=4.65Ron)

Nr. crt.	Director sau responsabil partener la grant/proiect castigat prin competitie nationala sau internationala	Valoare mii Euro	Indicatori
1	Rîpeanu, R.G.(director contract-P2) , Tudor, I., Drumeanu, A.C., Contract 54/2007-2009, PN 2-109/P2 INOVARE, <i>Produse ecologice pentru prelucrarea metalelor, obținute din materii prime regenerabile-sinbiomed</i> , Beneficiar M.E.C. , 2007-2009, valoare încasată fără TVA 117000RON	25.161	S1
2	Rîpeanu, R.G. (director contract RELANSIN-P2) , Antonescu, N.N., Antonescu, L., Contract 35/2003- RELANSIN 1823/2003-2005 , <i>Produse de protecție anticorrosivă multifuncționale</i> , Beneficiar M.E.C. , 2005, valoare încasată fără TVA 52700	11.333	S1
3	POSDRU /86/1.2/5/55585 Educatia si formarea profesionala in sprijinul cresterii economice si dezvoltarii societatii bazate pe cunoastere, 2011-2013, valoare încasată fără TVA 220818.47 /10	4.748	S2
4	Popescu, A., Tudor, I., Rîpeanu, R.G. , Drumeanu, A.C., Neacsu, M., Contract 52/2006-2008 CEEX RELANSIN 249/P2, <i>Cercetări privind obținerea de noi materiale pentru acoperiri ultradure a reperelor supuse la uzură intensă-ANTIWEAR</i> , Beneficiar M.E.C. , 2006-2008, valoare încasată fără TVA 330000 /3	23.655	S2
5	Paraschiu, A., Rîpeanu, R.G. , Drumeanu, A.C., ș.a., Contract 66/2006, Matnantech-710/2006-2008, <i>Tehnologie, asistata de calculator, pentru obținerea unor uleiuri pentru prelucrarea metalelor, compatibile cu mediul, utilizate in industria constructoare de masini-CUTOIL</i> , Beneficiar M.E.C. , 2006-2008, valoare încasată fără TVA 400000 /8	10.752	S2
6	Antonescu, L., Antonescu, N.N., Rîpeanu, R.G. , Tănăsescu, C., Contract 48/2004-2006 RELANSIN 2055/2004-2006 , <i>Lubrifianti speciali pentru ungerea motoarelor Diesel ale locomotivelor modernizate prevăzute cu lagăre de argint, la nivelul cerințelor internaționale</i> , Beneficiar M.E.C. , 2004-2006, valoare încasată fără TVA 30000 /3	2.150	S2
7	Antonescu, L., Tudor, I., Rîpeanu, R.G. , Contract 29/2003- RELANSIN 1766/2003-2005 , <i>Aditivi fără cenușă de tip ester și pachete de aditivi cu proprietăți antioxidante, anticorrosive, antiuzură, extremă presiune și formulări de uleiuri și unsori lubrifiante cu acești aditivi</i> , Beneficiar M.E.C. , 2003-2005, valoare încasată fără TVA 52970 /3	3.797	S2
8	Dinu, F., Tudor, I., Rîpeanu, R.G. , Grigore, V., Popescu, A., Diniță, A., Contract 16/2006, M.E.C. 6/2006-2007, <i>Studiu asupra introducerii protecției catodice la pompele destinate vehiculării petrolului brut și a apelor de zăcământ</i> , Beneficiar M. Economiei și Comerțului .-Plan sectorial, Politica energetică Petrol și Gaze, 2006-2007, valoare încasată fără TVA 75000 /4.5	3.584	S2
9	PHARE RO 0007.02.01.01.0329 , <i>Program Coeziune economică și socială, Ridicarea nivelului de pregătire a personalului din</i>	0	S2

	<i>întreprinderile petroliere în contextul restructurării industriale, Beneficiar Universitatea Valahia din Târgoviște- conducătorul de proiect, 2004</i>		
10	Preda, I., Tudor, I., Rîpeanu, R.G. , Contract 4A/94, Centrul de Implementare a Afacerilor Prahova (CIAP)-Ministerul Industriilor, Obținerea materialelor antifricțiune prin metalurgia pulberilor și tratamente termochimice, 1994, Faza: Selectarea materialelor antifricțiune și a tehnologiilor de fabricație posibil de realizat cu resurse și utilaje din țară, Beneficiar Ministerul Industriilor, 1994 , valoare încasată fără TVA nu s-au regasit deize	0	S2
11	Tudor, I., Rîpeanu, R.G. , Contract 6A/94, CIAP -Ministerul Industriilor , Obținerea materialelor antifricțiune prin metalurgia pulberilor și tratamente termochimice, Beneficiar Ministerul Industriilor , 1994, valoare încasată fără TVA nu s-au regasit deize	0	S2
12	Ruxandra, G., Rîpeanu, R.G. , s.a., Contract 3018/C6/94, <i>Impactul regional și global asupra radioactivității nucleare datorat arderii combustibililor fosili</i> , Faza: Proiect de amenajare și dotare a laboratoarelor de fizica nucleară din instituțiile de învățământ superior, Beneficiar M.E.C. , 1994, valoare încasată fără TVA nu s-au regasit deize	0	S2
13	Tudor, I., Rîpeanu, R.G. , Contract 006/94 CIAP-Ministerul Industriilor , Cercetări privind caracteristicile lacurilor lubrifiante, cu aplicații la protecția robinetelor, Beneficiar Ministerul Industriilor , 1994, valoare încasată fără TVA nu s-au regasit deize	0	S2
14	Rîpeanu, R.G.(director contract) , Ispas, D., Ispas, V., Contract 16/2015, <i>Cercetari teoretice și experimentale privind garniturile spirometalice cu densitate controlată</i> , Beneficiar S.C SEAL-TECH INDUSTRY EXPERT S.R.L. Ploiesti , valoare încasată fără TVA 4000 /3	0.286	S2
15	Rîpeanu, R.G.(director contract) , Antonescu, N.N., Petrescu, M.G., CTTIAP-Contract 171/2012, <i>Cercetări privind cauzele probabile ale degradărilor produse la MPS parc 13 Independența și propuneri de măsuri pentru creșterea durabilității echipamentelor analizate</i> , Beneficiar S.C. CONFIND S.R.L. Câmpina , 2012, valoare încasată fără TVA 7500 /2	0.806	S2
16	Rîpeanu, R.G. (director contract) , Tudor, I., Roșu, B., CZFPA - Contract 1/2012, <i>Protecție catodica</i> , Beneficiar S.C. CONPET S.A. Ploiești , 2012, valoare încasată fără TVA 41000 /2	4.408	S2
17	Rîpeanu, R.G.(director contract) , Tudor, I., Contract 24/2011, <i>Consultanță privind defectarea unor echipamente ce compun linia de fabricație a șamponului Comanda F7P-4501763361-DNJ</i> , Beneficiar S.C. Detergenti S.A.-Procter&Gamble , 2011, valoare încasată fără TVA 4000 /2	0.430	S2
18	Rîpeanu, R.G.(director contract) , Tudor, I., Contract 8/2011, <i>Consultanță privind coroziunea tancului SLE3S conform Comanda F7P-4501663969-DNJ</i> , Beneficiar S.C. Detergenti S.A.-Procter&Gamble , 2011, valoare încasată fără TVA 4000 /2	0.430	S2
19	Rîpeanu, R.G.(director contract) , Tudor, I., Contract 22/2010, <i>Studii privind comportarea la coroziune a echipamentelor realizate din oțel 316L ce compun linia de fabricație a șamponului conform Comanda F7P-</i>	1.827	S2

	4501435372-DNJ, Beneficiar S.C. Detergenti S.A.-Procter&Gamble , 2010, valoare încasată fără TVA 17000 /2		
20	Rîpeanu, R.G.(director contract) , Tudor, I., Contract 29/2009, <i>Execuția de determinări a caracteristicilor fizice asupra materialelor FERMIT A1F-07T și ferodou cu azbest utilizate la tamburii de frână</i> , Beneficiar S.C. UPETROM 1 Mai S.A. , 2009, valoare încasată fără TVA 10000 /2	1.075	S2
21	Rîpeanu, R.G.(director contract) , Dinu, F., Petcu, D., Contract internațional 62/2009, <i>Study above corrosion diminishing by cathodic protection at drilling and production wells</i> , Beneficiar Brenntag Canada Inc-Calgary Technical Centre, Canada , 2009, valoare încasată fără TVA 1000 EURO /2	0.5	S2
22	Rîpeanu, R.G.(director contract) , s.a., Contract 45/2007, <i>Cercetări privind creșterea durabilității lagărelor sapelor cu trei conuri</i> , Beneficiar S.C. UPETROM 1 Mai S.A. Ploiești , 2008, valoare încasată fără TVA 40000 /3	2.867	S2
23	Rîpeanu, R.G.(director contract) , Contract 36/2008, <i>Determinări tribologice pe tribometrul CSM in conformitate cu obiectivele contractului CNCIS, tip TD nr. 315/2007</i> , Beneficiar Universitatea Transilvania din Brașov , 2008, valoare încasată fără TVA 4500	0.967	S2
24	Rîpeanu, R.G.(director contract) , Contract 27/2008 – <i>Execuția de încercări tribologice- 4 probe aliaj cu baza cobalt</i> , Beneficiar S.C. METAV S.A. Buc. , 2008, valoare încasată fără TVA 4202	0.903	S2
25	Rîpeanu, R.G.(director contract) , Contract 70/2007, <i>Teste de fricțiune Amsler, pentru 10 probe rolă-sabot, metalizate</i> , Beneficiar S.C. METAV S.A. Buc. , 2007, valoare încasată fără TVA 3361	0.722	S2
26	Rîpeanu, R.G.(director contract) , Tudor, I., Contract 51/2006, <i>Teste de fricțiune Amsler, pentru 10 probe rolă-sabot, metalizate</i> , Beneficiar S.C. METAV S.A. Buc. , 2006, valoare încasată fără TVA 3361	0.722	S2
27	Rîpeanu, R.G.(director contract) , Tudor, I., Contract 5/2005, <i>Cercetări privind creșterea durabilității sculelor așchietoare utilizate în procesele de reparare a utilajului petrolier</i> , Beneficiar PETROMSERVICE Buc. , 2005, valoare încasată fără TVA 10000 /1.5	1.433	S2
28	Rîpeanu, R.G. (director contract) , Tudor, I., Popescu, A., Contract 19/2002- Subcontract RELANSIN 712/2000 , <i>Cercetarea metalografică și testarea comportării la uzare a sculelor așchietoare din carburi metalice acoperite cu straturi dure de înaltă calitate</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2002, valoare încasată fără TVA 1200 /2	0.129	S2
29	Rîpeanu, R.G. (director contract) , Tudor, I., Popescu, A., Contract 65/2001, <i>Cercetarea metalografică și testarea burghiilor acoperite cu straturi subțiri ultradure</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2001, valoare încasată fără TVA 1000 /2	0.107	S2
30	Rîpeanu, R.G. (director contract) , Tudor, I., Contract 14/97, <i>Încercări mecanice și examinări metalografice la proba prelevată din prăjina de foraj H5131FGRM</i> , Beneficiar S.C. Foraj Sonde Berca , 1997, valoare încasată fără TVA nu s-au regasit devize	0	S2
31	Drumeanu, A.C., Ripeanu, R.G. , Dinita, A., Cursaru, D., Contract 12588/23.11.2017, <i>Cercetări privind modul general de degradare a elementelor de interconectare a echipamentelor din componența instalației de tratare ape de injecție (Oprișenești) și soluții de creștere a durabilității acestora</i> , Beneficiar S.C. TRANSMARIN SRL , 2018 valoare	1.075	S2

	incasata fara TVA 20000 /4		
32	Ispas,V., Ispas,D., Ripeanu,R.G. , s.a., Contract 10/27.03.2015, <i>Determinarea parametrilor garniturilor spirometalice la încercarea de compresiune și revenire elastică cu determinarea stabilității fabricației, Etansari GRAFEX Ploiesti</i> , 2015 valoare încasată fără TVA 12500 /5	0.537	S2
33	Caltaru, M., Ripeanu, R.G. , Badicioiu, M, Contract 37/2014, <i>Cercetarea experimentală la uzare a cuplei de material rolă cromată-elastomer</i> , Beneficiar S.C. CONFIND SRL Campina , 2014 valoare încasată fără TVA 3000 /2	0.322	S2
34	Ulmanu, V., Ripeanu, R.G. , Caltaru, M., Badicioiu, M, Contract 6/2014. <i>Cercetări experimentale privind comportarea materialelor utilizate la fabricarea pompelor cu cavitare progresivă</i> , Beneficiar S.C. CONFIND SRL Campina , 2014 valoare încasată fără TVA 66500 /4	3.575	S2
35	Ulmanu, V., Zecheru, Gh., Minescu, M., Paraschiv, N., Pupazescu, A., Petrescu, M.G., Ripeanu, R.G. , s.a. Contract 9/2012, <i>Evaluarea caracteristicilor constructive si functionale ale sistemelor de inchidere si reglare (robinet actuator) utilizate in SNTGN din perspective fiabilitatii, mentenantei proactive si sigurantei in exploatare</i> , Beneficiar S.N.T.G.N. Transgaz Medias , 2013, valoare încasată fără TVA 250000 /10	5.376	S1
36	Petrescu, M.G., Ispas, V., Ispas, D., Ripeanu, R.G. , Pupăzescu, A., s.a., Contract 10/2013, <i>Tehnica etanșărilor</i> , Beneficiar OMV-Petrom , 2013, valoare încasată fără TVA 27000 /8	0.725	S2
37	Tudor, I., Zecheru, Gh., Trifan, C., Ripeanu, R.G. , Drăghici, Gh., Diniță, Al., Neacsu, S., CTTIAP-Contract 153-2010, <i>Elaborare si validare metodologie pentru expertizarea tehnica a rețelelor de distribuție gaze naturale</i> , Beneficiar S.C. E.ON Gaz Distributie S.A. Tg. Mureș , 2012, valoare încasată fără TVA 340000 /6	12.186	S1
38	Tudor, I., Zecheru, Gh., Trifan, C., Ripeanu, R.G. , Drăghici, Gh., Diniță, Al., Contract 52-2009, <i>Expertiza tehnică a rețelei de gaze naturale din oțel în lungime de cca. 20 km situată în municipiul Turnu Măgurele</i> , Beneficiar S.C. Industrial Gaz Proiect S.R.L. București , 2009, valoare încasată fără TVA 58823 /6	2.108	S2
39	Tudor, I., Ripeanu, R.G. , Contract 37/2009, <i>Execuția de analize granulometrice și de compoziție chimică pentru o mostră de pulbere</i> , Beneficiar S.C. COMPACT epc România , 2009, valoare încasată fără TVA 5000 /2	0.537	S2
40	Dinu, F., Ripeanu, R.G. , Buzoianu, D., Contract Internațional 42/2009, <i>Study above implementation the manufacturing technology of fast hose assembly in petroleum and gas industry from Romania with the research of optimum technical solution applied</i> , Beneficiar TONE Schlauchtechnik GmbH Stuttgart Germany , 2009, valoare încasată fără TVA 1500 EURO /5	0.300	S2
41	Tudor, I., Ripeanu, R.G. , ș.a., Contract 10/2009, <i>Elaborare norme tehnice privind mentenanța S.N.T.-Etapa III Norme tehnice privitoare la mentenanța componentelor sistemului de protecție catodică a conductelor-S.P.C.</i> , Beneficiar S.N.T.G.N. Transgaz Medias , 2009, valoare încasată fără TVA 100000 /3	7.168	S1
42	Petrescu, M., Ripeanu, R.G. , ș.a., Contract 60/2008, <i>Perfecționare postuniversitară</i> , Beneficiar S.N.T.G.N. Transgaz Medias , 2008, valoare încasată fără TVA 21000 /4	1.129	S2

43	Tudor, I., Rîpeanu, R.G. , Contract 6/2008, <i>Încercare la uzură straturi nitrurate și nitrocarburate</i> , Beneficiar INTEC S.A. , 2008, valoare încasată fără TVA 8000 /2	0.860	S2
44	Zecheru, Gh, Tudor, I., Draghici, Gh., Dumitru, Gh., Pupezescu, Alex., Rîpeanu, R.G. , Dinita, A., Contract 38/2007, <i>Expertize și simulări privind evaluarea proceselor care conduc la cedarea în exploatare a conductelor</i> , Beneficiar S.N.T.G.N. Transgaz Medias , 2008, valoare încasată fără TVA 37000 /8	0.994	S1
45	Drumeanu, A.C., Rîpeanu, R.G. Tudor, I., s.a., Contract 44/2007, <i>Cercetări privind creșterea durabilității matrițelor destinate deformării la cald</i> , Beneficiar S.C. UPETROM S.A. Ploiesti , 2007, valoare încasată fără TVA 40000 /5	1.720	S2
46	Ispas, V., Tudor, I., Rîpeanu, R.G. , Ispas, D., Contract 2/2006, <i>Cercetări privind comportarea garniturilor moi destinate realizării presetupelor</i> , Beneficiar S.C. Etanșări GRAFEX S.R.L. , 2006, valoare încasată fără TVA 5000 /4	0.268	S2
47	Tudor, I., Dinu, F., Rîpeanu, R.G. , ș.a., Contract 15/2004, <i>Studii și cercetări privind procesul de coroziune sub tensiune al componentelor echipamentului de adâncime din sondele de extracție</i> , Beneficiar PETROM Buc. , 2004, valoare încasată fără TVA 45000 /7	1.382	S2
48	Tudor, I., Popescu, A., Rîpeanu, R.G. , Contract 6/2004, <i>Testarea unui model de implant acoperit cu straturi biocompatibile</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2004, valoare încasată fără TVA 3500 /3	0.250	S2
49	Tudor, I., Popescu, A., Rîpeanu, R.G. , Tănase, R., Contract 43/2004, <i>Testarea tribologică pe mașinile Timken și Amsler a saboților oscilanți</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2004, valoare încasată fără TVA 1500 /3	0.107	S2
50	Popescu, A., Tudor, I., Rîpeanu, R.G. , Boros, Z., Stancu, M., Contract 16/2004, <i>Testarea tribologică pe mașina cu disc orizontal a unor straturi subțiri de nitruri și carburi metalice</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2004, valoare încasată fără TVA 1800 /3	0.129	S2
51	Tudor, I., Rîpeanu, R.G. , ș.a., Contract 3/2003, <i>Cercetări privind influența fenomenului de electroosmoză asupra procesului de protecție catodică a conductelor magistrale</i> , Beneficiar CONPET Ploiești , 2004, valoare încasată fără TVA 20000 /5	0.860	S2
52	Tudor, I., Rîpeanu, R.G. , Popescu, A., Contract 7/2003, <i>Cercetări metalurgice asupra materialelor ce vor fi utilizate pentru acoperirea de suprafață a rotorilor de turbină</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2003, valoare încasată fără TVA 1000 /3	0.071	S2
53	Tudor, I., Rîpeanu, R.G. , Popescu, A., Contract 8/2003, <i>Comportarea la uzare în mediu corosiv a unor repere acoperite cu straturi antifricțiune</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2003, valoare încasată fără TVA 1500 /3	0.107	S2
54	Ispas, V., Tudor, I., Rîpeanu, R.G. , Ispas, D., Contract 10/2003, <i>Cercetări privind unele caracteristici ale materialelor non azbest destinate aplicațiilor în industria constructoare de mașini</i> , Beneficiar UPETROM Ploiești , 2003, valoare încasată fără TVA 5000 /4	0.268	S2
55	Ispas, V., Tudor, I., Rîpeanu, R.G. , Ispas, D., Contract 17/2003, <i>Cercetări teoretice și experimentale privind îmbunătățirea etanșării lagărelor sapelor cu trei conuri</i> , Beneficiar UPETROM Ploiești , 2003, valoare	0.645	S2

	încasată fără TVA 15000 /5		
56	Popescu, A., Tudor, I., Rîpeanu, R.G. , Stancu, M., Contract 30/2003, <i>Testarea tribologică a unor straturi dure cu ajutorul dispozitivului rolă-sabot și pe mașina cu disc orizontal</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2003, valoare încasată fără TVA 1000 /3	0.071	S2
57	Tudor, I., Grigore, V., Rîpeanu, R.G. , ș.a., Contract 15/2003, <i>Cercetarea procesului de coroziune sub tensiune a componentelor echipamentului de adâncime din sondele de extracție</i> , Beneficiar PETROM Buc. , 2003, valoare încasată fără TVA 30000 /8	0.806	S2
58	Tudor, I., Rîpeanu, R.G. , Popescu, A., Contract 18/2002- Subcontract RELANSIN 712/2000 , <i>Cercetarea metalografică și testarea rezistenței mecanice la îmbinările brazate</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2002, valoare încasată fără TVA 1500 /3	0.107	S2
59	Popescu, A., Tudor, I., Rîpeanu, R.G. , Contract 20/2002- Subcontract RELANSIN 712/2000 , <i>Cercetarea metalografică și a comportării la uzare a sculelor așchietoare acoperite cu straturi subțiri extradure obținute printr-un nou procedeu ce asigură o rată mare de depunere</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2002, valoare încasată fără TVA 3000 /3	0.215	S2
60	Tudor, I., Grigore, V., Rîpeanu, R.G. , Dinu, F., Manea, F., Contract 51/2001, <i>Cercetări de laborator privind comportarea elementelor principale ale pompelor de extracție în condiții de uzare corosiv-abrazivă în prezența apelor de zăcământ</i> , Beneficiar PETROM Buc 2001, valoare încasată fără TVA 5000 /5	0.215	S2
61	Tudor, I., Rîpeanu, R.G. , Popescu, A., Contract 22/2000, <i>Cercetări de laborator asupra caracteristicilor mecanice și metalografice ale îmbinării prin brazare în vid a carburilor metalice pe suport din oțel</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2001, valoare încasată fără TVA 2000 /3	0.143	S2
62	Tudor, I., Rîpeanu, R.G. , Popescu, A., Contract 23/2000, <i>Cercetări metalografice și tribologice asupra sculelor așchietoare din carburi metalice acoperite cu straturi dure</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2001, valoare încasată fără TVA 1000 /3	0.071	S2
63	Tudor, I., Rîpeanu, R.G. , Popescu, A., Contract 24/2000, <i>Cercetări metalografice și tribologice asupra reperelor acoperite cu straturi antifricțiune</i> , Beneficiar I.N.O.E. 2000 Măgurele , 2001, valoare încasată fără TVA 1000 /3	0.071	S2
64	Tudor, I., Rîpeanu, R.G. , ș.a. Contract 20/2000, <i>Cercetări în condiții de laborator a coroziunii pistoanelor și cămășilor pompelor de extracție în apă de zăcământ cu CO₂</i> , Beneficiar PETROM Buc. , 2000, valoare încasată fără TVA 20000 nu mai există devize	0	S2
65	Grigore, V., Tudor, I., Rîpeanu, R.G. , Dinu, F., Contract A.M.-160/2000, <i>Cercetări asupra comportării pompelor de extracție cu piston în condițiile zăcămintelor de petrol cu un conținut ridicat de dioxid de carbon</i> , Beneficiar PETROM Buc. , 2000, valoare încasată fără TVA nu mai există devize	0	S2
66	Tudor, I., Rîpeanu, R.G. , Contract 9/97, <i>Studiu privind starea de coroziune a unor probe prelevate din conductele vechi din fontă, montate în rețeaua de apă a municipiului București</i> , Beneficiar Primăria sector 2 Buc. , 1997, valoare încasată fără TVA nu mai există devize	0	S2
67	Ulmanu, V., Zecheru, Gh., Rîpeanu, R.G. , ș.a., Contract 5/97, <i>Cercetări</i>	0	S2

	<i>privind elaborarea unei metodologii și a aparaturii pentru caracterizarea unsoarelor antigripante destinate garniturii de foraj, Beneficiar PETROMAR Constanța, 1997, valoare încasată fără TVA nu mai există devize</i>		
68	Tudor, I., Ispas, V., Rîpeanu, R.G. , Contract 30/96, <i>Soluții privind noi materiale și tehnologii de execuție ale etanșărilor tip presetupă de la pompele de extracție, Beneficiar Senco Plasma CER Buc., 1996, valoare încasată fără TVA nu mai există devize</i>	0	S2
69	Tudor, I., Ispas, V., Rîpeanu, R.G. , Contract 25/96, <i>Tehnologia întreținerii și reparării turelor și masturilor de extracție, Beneficiar PETROM Buc., 1996, valoare încasată fără TVA nu mai există devize</i>	0	S2
70	Tudor, I., Rîpeanu, R.G. , Contract 19/1994, <i>Lacuri lubrifiante pentru acoperirea reperelor mobile ale robinetelor de înaltă presiune, Beneficiar UPETROM Ploiești, 1994, valoare încasată fără TVA nu mai există devize</i>	0	S2
71	Tudor, I., Rîpeanu, R.G. , Contract 606/93, <i>Recuperarea pulberilor metalice bogate în elemente de aliere deficitare rezultate la operația de rectificare, Beneficiar TIMKEN Ploiești, 1993, valoare încasată fără TVA nu mai există devize</i>	0	S2
72	Ulmanu, V., Rîpeanu, R.G. , s.a., Contract 5/1993, <i>Analiza tehnico-științifică a unor pistoane și cămăși pentru pompele de adâncime, Beneficiar Schela Băicoi, 1993, valoare încasată fără TVA nu mai există devize</i>	0	S2
73	Antonescu, N.N., Ispas, V., Rîpeanu, R.G. , Contract 20/93, <i>Studii și cercetări privind utilajul și tehnologia presării izostatice la cald cu aplicații la tratarea termo-mecanică a semifabricatelor turnate, Beneficiar UPETROM 1 Mai Ploiești, 1994, valoare încasată fără TVA nu mai există devize</i>	0	S2
74	Antonescu, N.N., Ispas, V., Rîpeanu, R.G. , Contract 23/93, <i>Cercetări privind utilajul și tehnologia presării izostatice la rece (CIP), cu aplicații în fabricația armăturilor placate prin metalurgia pulberilor, Beneficiar UPETROM Ploiești, 1993, valoare încasată fără TVA nu mai există devize</i>	0	S2
75	Tudor, I., Rîpeanu, R.G. , Contract 28/93, <i>Cercetări tribologice ale straturilor subțiri de TiN, Beneficiar I.N.O.E. Măgurele, 1993, valoare încasată fără TVA nu mai există devize</i>	0	S2
76	Ispas, V., Antonescu, N.N., Tudor, I., Rîpeanu, R.G. , Contract 44/1992, <i>Tehnologia de realizare a armăturilor placate prin tehnica metalurgiei pulberilor utilizând compactarea izostatică la rece, Beneficiar STEROM Câmpina, 1992, valoare încasată fără TVA nu mai există devize</i>	0	S2
Total indicator S1+S2=		147.19	

A3.2 Prezentarea/Diseminarea rezultatelor: prezenta la manifestari stiintifice in calitate de autor/co-autor de lucrari, profesor invitat

Nr. Crt.	Denumire Articol si conferinta la care a fost prezentat	Indicator N5 (numar)
1	Dudu C, Ripeanu R.G. , Drumeanu A.C., Dinita A., Lospa A.M., <i>Evaluation of the corrosion wear speed of different equipment in the water injection treatment plant, The 10th Internaional Conference of Product Design, Robotics, Advanced</i>	1

	Mechanical & Mechatronic Systems and Innovation Conference (PRASIC 18), 8-9 November 2018, http://old.unitbv.ro/Portals/9/Evenimente/Prasic/final_program.htm , Brasov, Romania, 2018	
2	Lospa A.M., Ripeanu R.G. , Dinita A., and Dudu C., <i>CFD Evaluation of sand erosion wear rate in pipe bends used in technological installations</i> , The 10 th Internaional Conference of Product Design, Robotics, Advanced Mechanical & Mechatronic Systems and Innovation Conference (PRASIC 18), 8-9 November 2018, http://old.unitbv.ro/Portals/9/Evenimente/Prasic/final_program.htm , Brasov, Romania, 2018	1
3	Caltaru M, Badicioiu M, Ripeanu R G , Dinita A, Minescu M, Laudacescu E, <i>Tribological characterization of the drill pipe tool joints reconditioned by using welding technologies</i> , 9th International Conference on Tribology, BALKANTRIB'17 13-15 September, Cappadocia, TURKEY https://balkantrib2017.com/	1
4	Ripeanu R G , Badicioiu M, Caltaru M, Dinita A, Laudacescu E, <i>Tribological characterization of the drill collars and casing friction couples</i> , 9th International Conference on Tribology, BALKANTRIB'17 13-15 September, Cappadocia, TURKEY https://balkantrib2017.com/	1
5	Ripeanu R. G. , <i>Design and technology parameters influence on durability for heat exchangers tube to tubesheet joints</i> , Proceedings of ROTRIB'16, 13th International Conference on Tribology , 22-24 September, 2016, pp.1-9, http://www.rotrib16.ugal.ro/index.php/rotrib/rotrib2016 , Galati, Romania, 2016	1
6	Ripeanu R. G. , Ispas, A., Ispas, D., <i>Experimental analysis of axial and radial stress distribution in soft materials used for petrochemical valve stem sealing package</i> , Proceedings of ROTRIB'16, 13th International Conference on Tribology , 22-24 September, 2016, pp.1-7, http://www.rotrib16.ugal.ro/index.php/rotrib/rotrib2016 , Galati, Romania, 2016	1
7	Ionescu G. C., Nae I., Ripeanu R. G. , Dinita A. and Stan G., <i>Studies on Tribological Behavior of Aluminum Nitride-Coated Steel</i> , Proceedings of ROTRIB'16, 13th International Conference on Tribology , 22-24 September, 2016, pp.1-8, http://www.rotrib16.ugal.ro/index.php/rotrib/rotrib2016 , Galati, Romania, 2016	1
8	Ripeanu R. G. , Ispas, V., Ispas, D., <i>Review above applying active anode protection at some dynamic petroleum equipment's in order to reduce wear</i> , Proceedings of Serbiatrib 15, 14th International Conference on Tribology , 13-15 May, 2015, http://www.serbiatrib.mfkg.rs/ , pp.116-125, ISBN 978-86-7083-857-4, Belgrade, Serbia, 2015	1
9	Popa, I., Ripeanu, R.G. , Popa, R.G., <i>Researches above tensile stress corrosion wear behavior in metallic elements of a free-standing portable mast</i> , Proceedings of the 8th International Conference on Tribology Balkantrib'14 , 30 Oct- 1 Nov. 2014, http://balkantrib.upg-ploiesti.ro/ , pp.451-454, ISBN 978-973-719-570-8, Ed. Petroleum-Gas University of Ploiesti, Sinaia, Romania, 2014	1
10	Drumeanu, A.C., Ripeanu, R.G. , <i>The Corrosivity of Some Lubricating Solutions Based on Organic Polymers</i> , Proceedings of the 8th International Conference on Tribology Balkantrib'14 , 30 Oct- 1 Nov. 2014, http://balkantrib.upg-ploiesti.ro/ , pp.459-465, ISBN 978-973-719-570-8, Ed. Petroleum-Gas University of Ploiesti, Sinaia, Romania, 2014	1
11	Grigore, N., Ripeanu, R.G. , Nae, I., <i>About the Carrying Ability of Assembly Using the Closing Bracelet</i> , Proceedings of the 8th International Conference on Tribology Balkantrib'14 , 30 Oct- 1 Nov. 2014, http://balkantrib.upg-ploiesti.ro/ , pp.728-733, ISBN 978-973-719-570-8, Ed. Petroleum-Gas University of Ploiesti, Sinaia, Romania, 2014	1

12	Rîpeanu, R.G. , Minescu, M., Nita, C.A., <i>Wear behavior of antifriction coatings applied at parallel gate valves</i> , Proceedings of the 8th International Conference on Tribology Balkantrib'14 , 30 Oct- 1 Nov. 2014, http://balkantrib.upg-ploiesti.ro/ , pp.489-494, ISBN 978-973-719-570-8, Ed. Petroleum-Gas University of Ploiesti, Sinaia, Romania, 2014	1
13	Rîpeanu, R.G. , Badicioiu, M., Caltaru, M., <i>Research regarding the reconditioning of drill collars by using welding technologies</i> , Proceedings of the 8th International Conference on Tribology Balkantrib'14 , 30 Oct- 1 Nov. 2014, http://balkantrib.upg-ploiesti.ro/ , pp.478-488, ISBN 978-973-719-570-8, Ed. Petroleum-Gas University of Ploiesti, Sinaia, Romania, 2014	1
14	Rîpeanu, R.G. , <i>Studies above erosion behavior of rotor turbine materials</i> , 10th National Conference on Tribology with International Participation BULTRB'13 , 24-26 October 2013 (http://www.bultrib.com), Sofia, Bulgaria, 2013	1
15	Rîpeanu, R.G. , Ispas, V., Ispas, D., <i>Studies regarding improving sealing at three cone bits bearings</i> , 10th National Conference on Tribology with International Participation BULTRB'13 , 24-26 October 2013 (http://www.bultrib.com), Sofia, Bulgaria, 2013	1
16	Rîpeanu, R.G. , Ulmanu, V., Minescu, M., <i>Tribological characterisation of HVOF hardfacing applied at parallel slide gate valves</i> , Proceedings of the OilDoc Conference 2013, Lubricants, Maintenance, Tribology , www.oildoc.com/conference-2013 , USB-flash, 22-24 January, Rosenheim, Bavaria, Germany, 2013	1
17	Rîpeanu, R.G. , Metea, V., Pupazescu, Al., <i>Studies regarding soil induced stresses in buried steel gas pipes</i> , 9th National Conference on Tribology with International Participation BULTRB'12 , 18-20 October 2012 (http://www.bultrib.com), Sofia, Bulgaria, 2012	1
18	Drumeanu, A.C., Rîpeanu, R.G. , <i>Some Considerations Concerning Corrosiveness of Lubricating Solutions based on Polyacrylamide</i> , Proceedings of 18 th International Colloquium Tribology 2012, Industrial and Automotive Lubrication , Technische Akademie Esslingen, pp.28 www.tae.de/tribology/ , www.scopus.com , ISBN 3-924813-97-3, Ed. Wilfried J. Bartz si CD, 10-12 January, Ostfildern, Germany, 2012	1
19	Rîpeanu, R.G. , Drumeanu, A.C., Ispas, V., <i>The Temperature Influence above Tribological Behavior of Brake Bands</i> , Proceedings of 18 th International Colloquium Tribology 2012, Industrial and Automotive Lubrication , Technische Akademie Esslingen, pp.163 www.tae.de/tribology/ , www.scopus.com , ISBN 3-924813-97-3, Ed. Wilfried J. Bartz si CD, 10-12 January, Ostfildern, Germany, 2012	1
20	Cursaru, D.L., Tanasescu, C., Rîpeanu, R.G. , <i>The Tribological Behavior of a Commercial Additive and Single Walled Carbon Nanotubes (SWNT) as Antiwear Additives for SAE 20 Base Oil Tribological Characteristics of Lubricant Solutions based on Polyacrylamide</i> , Proceedings of 18 th International Colloquium Tribology 2012, Industrial and Automotive Lubrication , Technische Akademie Esslingen, pp.135 www.tae.de/tribology/ , www.scopus.com , ISBN 3-924813-97-3, Ed. Wilfried J. Bartz si CD, 10-12 January, Ostfildern, Germany, 2012	1
21	Rîpeanu R. G. , Ispas, V., Ispas, D., <i>Tribological behavior of brake bands</i> , Proceedings of the 7th Balkantrib'11 International Conference on Tribology , pp.255-261, http://ithaki.meng.auth.gr/confces/ConfProgr.htm , ISBN 978-960-98780-6-7, 3-5 October Thessaloniki, Greece, 2011	1
22	Rîpeanu R. G. , Ispas, V., Ispas, D., <i>Austenitic stainless steel type AISI316L corrosive behavior in hair shampoo medium</i> , Proceedings of the 7th Balkantrib'11 International Conference on Tribology , pp.41-47, http://ithaki.meng.auth.gr/confces/ConfProgr.htm , ISBN 978-960-98780-6-7, 3-5 October Thessaloniki, Greece, 2011	1
23	Cursaru D., Tanasescu C., Ciuparu D., Rîpeanu R. G. , <i>The Tribologic Properties of Fatty Acid Methyl Esters and Single Wall Carbon Nanotubes</i> , Proceedings of the 3^{ed} European	1

	Conference on Tribology ECOTRIB 2011, and 4 th International Conference on Nano-Technology- Viennano'11, pp.851-852, http://www.oetg.at/ecotrib2011/ , ISBN 978-3-901657-38-2, 7-9 June Vienna, Austria, 2011	
24	Iancu, M., Rîpeanu, R.G. , Tudor, I., <i>Heat exchangers tube to tube sheet joints corrosion behavior</i> , Proceedings of the 12 th International Conference on Tribology, SERBIATRIB'11, pp.51-55,. http://www.serbiatrib.mfkg.rs/proceedings.pdf , ISBN 978-86-86663-74-0, 11-13 May 2011, Kragujevac, Serbia, 2011	1
25	Rîpeanu, R.G. , Drumeanu, A.C., Orban, T., <i>Cutting proprieties evaluation of metalworking fluids</i> , Proceedings of the OilDoc Conference 2011 Lubricants, Maintenance, Tribology , www.oildoc.com/conference-2011 , USB-flash, 1-3 February, Rosenheim, Bavaria, Germany, 2011	1
26	Drumeanu, A.C., Rîpeanu, R.G. , <i>Polyacrylamide-A Challenge in Lubrication</i> , Proceedings of the OilDoc Conference 2011 Lubricants, Maintenance, Tribology , www.oildoc.com/conference-2011 , USB-flash, 1-3 February , Rosenheim, Bavaria, Germany, 2011	1
27	Onitiu, O., Rîpeanu, R.G. , Tudor, I., <i>Nitriding Treatments Influence Above Tribologic Behavior of Austenitic Stainless Steels</i> , Proceedings of the ROTRIB 2010 11th International Conference on Tribology, Technical University „Gh. Asachi” of Iasi, pp.RO-0191-6, http://www.rotrib10.tuiasi.ro , ISSN 2069-1718, 4-7 November, Iasi, Romania, 2010	1
28	Drumeanu, A.C., Paraschivoiu, S.T., Tudor, I., Rîpeanu, R.G. , <i>Microstructure Transformations that Characterize Thermal Fatigue Wear of the Forging Die Steels</i> , Proceedings of 26 th International Scientific Conference 2010, 65 Years Faculty of Machine Technology 100 Years Birth Anniversary of Acad. Anghel Balevski, Technical University of Sofia, pp.480-485, http://mtf.tu-sofia.bg/Proceedings_MTF65_H.pdf , http://mtf.tu-sofia.bg/mtf/Program_ENG.pdf , ISBN: 978-954-438-854-6, 13-16 September, Sozopol, Bulgaria, 2010	1
29	Rîpeanu, R.G. , Tudor, I., Onitiu, O., <i>Improving Tribological Behavior of Austenitic Stainless Steels by Nitriding Treatments</i> , Proceedings of 26 th International Scientific Conference 2010, 65 Years Faculty of Machine Technology 100 Years Birth Anniversary of Acad. Anghel Balevski, Technical University of Sofia, pp.492-496, http://mtf.tu-sofia.bg/Proceedings_MTF65_H.pdf , http://mtf.tu-sofia.bg/mtf/Program_ENG.pdf , ISBN: 978-954-438-854-6, 13-16 September, Sozopol, Bulgaria, 2010	1
30	Rîpeanu, R.G. , Drumeanu, A.C., Luca, M., Orban, T., <i>Tribological Behavior of Metalworking Fluids</i> , Proceedings of 17 th International Colloquium Tribology 2010, Solving Friction and Wear Problems, Vol.1, 2010, Technische Akademie Esslingen, pp.738-743, www.tae.de/tribology/ , www.scopus.com , ISBN 978-3-924813-80-2, 19-21 January, Ostfildern, Germany, 2010	1
31	Drumeanu, A.C., Rîpeanu, R.G. , <i>Tribological Characteristics of Lubricant Solutions based on Polyacrylamide</i> , Proceedings of 17 th International Colloquium Tribology 2010, Solving Friction and Wear Problems, Vol.1, 2010, Technische Akademie Esslingen, pp.831-836, www.tae.de/tribology/ , www.scopus.com , ISBN 978-3-924813-80-2, 19-21 January, Ostfildern, Germany, 2010	1
32	Zidaru, I., Rîpeanu, R.G. , Tudor, I., Drumeanu, A.C., <i>Research regarding the improvements of tribological behavior in three cone bits bearings</i> , Proceedings of 11 th International Conference on Tribology SERBIATRIB'09, 13-15 May, pp.224-228, http://www.serbiatrib.org.rs/serbiatrib2009/ , ISBN 978-86-7083-659-4, Belgrade, Serbia, 2009	1
33	Drumeanu, A.C., Paraschivoiu, S.T., Tudor, I., Rîpeanu, R.G. , <i>Some considerations about non-isothermal fatigue wear of the forging die steel</i> , Proceedings of 11 th International	1

	Conference on Tribology SERBIATRIB'09, 13-15 May, pp.255-260, http://www.serbiatribo.org.rs/serbiatrib2009/ , ISBN 978-86-7083-659-4, Belgrade, Serbia, 2009	
34	Paraschivoiu, S.T., Pupazescu, Al., Drumeanu, A.C., Tudor, I., Rîpeanu, R.G. , <i>The thermal stresses of forging die evaluation using FEM</i> , Proceedings of 11 th International Conference on Tribology SERBIATRIB'09, 13-15 May, pp.261-265, http://www.serbiatribo.org.rs/serbiatrib2009/ , ISBN 978-86-7083-659-4, Belgrade, Serbia, 2009	1
35	Braic, M., Balaceanu, M., Zoita, C.N., Grigore, E., Kiss, A., Rîpeanu, R.G. , Braic, L., Besleaga, C., Vladescu, A., <i>Influence of process parameters on the characteristics of magnetron sputtered (TiAlCrNbY)C films</i> , Proceedings of E-MRS 2009 Spring Meeting, Symposium P. 8-12 June, www.emrs-strasbourg.com , Strasbourg, France, 2009	1
36	Rîpeanu, R.G. , Drumeanu, A.C., Luca, M., <i>Soybean oil influence above drills durability</i> , Proceedings of 3rd International Conference on Manufacturing ENGINEERING and EUREKA Brokerage Event ICMEN 2008, 1-3 October, pp.665-672, http://ithaki.meng.auth.gr/data/ICMEN2008PDF/08-TRILU03.pdf , ISBN 978-960-243-649-3 Kallithea of Chalkidiki, Greece, 2008	1
37	Drumeanu, A.C., Rîpeanu, R.G. , <i>Metallic element design of the tribo-thermal stressed dry friction couples</i> , Proceedings of 3rd International Conference on Manufacturing ENGINEERING and EUREKA Brokerage Event ICMEN 2008, 1-3 October, pp.681-690, http://ithaki.meng.auth.gr/data/ICMEN2008PDF/08-TRILU05.pdf , ISBN 978-960-243-649-3 Kallithea of Chalkidiki, Greece, 2008	1
38	Dragomir, D., Cojocaru, M., Alexa, M., Rîpeanu, R.G. , Drumeanu, A.C., <i>Nitriding technologies using process sensors in view of obtaining of resistant layers against corrosion and wear</i> , Proceedings of 3rd International Conference on Manufacturing ENGINEERING and EUREKA Brokerage Event ICMEN 2008, 1-3 October, pp.399-404, http://ithaki.meng.auth.gr/data/ICMEN2008PDF/05-SUMAC03.pdf , ISBN 978-960-243-649-3 Kallithea of Chalkidiki, Greece, 2008	1
39	Drumeanu, A.C., Antonescu, N.N., Rîpeanu, R.G. , <i>Some aspects concerning the experimental determination methodology for the non-isothermal cyclic durability of the machine steels</i> , Proceedings of 3rd International Conference on Manufacturing ENGINEERING and EUREKA Brokerage Event ICMEN 2008, 1-3 October, pp.423-434, http://ithaki.meng.auth.gr/data/ICMEN2008PDF/05-SUMAC06.pdf , ISBN 978-960-243-649-3 Kallithea of Chalkidiki, Greece, 2008	1
40	Rîpeanu, R.G. , Drumeanu, A.C., Luca, M., Ripeanu, L., <i>Establish the influence of sorbian oil above wear behaviour of cutting tools</i> , Proceedings of 6th International Conference on Tribology, Balkantrib 08, 12-14 june, Sozopol, www.tribology-bg.com , CD ISBN 978-954-438-713-6, 2008	1
41	Rîpeanu, R.G. , Tudor, I., Dinu, F., <i>Research about the efficiency of active anode protection at centrifugal pumps</i> , Proceedings of 6th International Conference on Tribology, Balkantrib 08, 12-14 june, Sozopol, www.tribology-bg.com , CD ISBN 978-954-438-713-6, 2008	1
42	Tudor, I., Popescu, A., Rîpeanu, R.G. , Drumeanu, A.C., Braic, V., Balaceanu, M., Vladescu, A., Braic, M., <i>Tribological behavior of TiSiN/Ti and TiSiN/Cu multilayer coatings</i> , Proceedings of 6th International Conference on Tribology, Balkantrib 08, 12-14 june, Sozopol, www.tribology-bg.com , CD ISBN 978-954-438-713-6, 2008	1
43	Florea, O., Luca, M., Rîpeanu, R.G. , <i>Environmentally friendly thread compounds for casing, tubing and line pipe</i> , Proceedings of 6th International Conference on Tribology, Balkantrib 08, 12-14 june, Sozopol, www.tribology-bg.com CD ISBN 978-954-438-713-6, 2008	1

44	Drumeanu, A., Rîpeanu, R.G. , Matei, G., Luca, M., <i>Metalworking fluids based on vegetable oil and synthetic esters used for turning operations</i> , Proceedings of 6th International Conference on Tribology, Balkantrib 08, 12-14 june, Sozopol, www.tribology-bg.com CD ISBN 978-954-438-713-6, 2008	1
45	Amuza, M.G., Matei, G.M., Cira, L., Luca, M., Drumeanu, A., Rîpeanu, R.G. , Popa, C., <i>Multifunctional Metalworking Fluids used in Bearing Industry</i> , Proceedings of International Conference of Lubrication management and technology, LUBMAT 2008, www.lubmat.org , ISBN 978-84-932064-5-1, 4-6 june , San Sebastian, Spania, 2008	1
46	Matei, G.M., Cira, L., Amuza, M.G., Luca, M., Moraru, E., Drumeanu, A., Rîpeanu, R.G. , Popa, C., <i>Formulation of High Performance Cutting Oils using Environmentally Friendly Raw Materials</i> , Proceedings of International Conference of Lubrication management and technology, LUBMAT 2008, www.lubmat.org , ISBN 978-84-932064-5-1, 4-6 June, San Sebastian, Spania, 2008	1
47	Balaceanu, M., Braic, V., Braic, M., Zoita, N.C., Vladescu, A., Grigorescu, E.C., Mic, C., Ruset, C., Grigore, E., Tudor, I., Rîpeanu, R.G. , Popescu, A., <i>Characteristics of Ti-Nb, Ti-Zr and Ti-Al containing hydrogenated carbon nitride films</i> , The E-MRS 2008 Spring meeting- Carbon-based nanostructured composite films 08- Symposium A, http://www.emrs-strasbourg.com/index.php?option=com_abstract&task=view&id=44&day=2008-05-27&year=2008&Itemid=92 , Strasbourg, 26 may-30 may, France, 2008	1
48	Rîpeanu, R.G. , Drumeanu, A.C., Luca, M., <i>The influence above cutting tools durability of oil base lubricants</i> , Proceedings of 16 th International Colloquium Tribology 2008, Lubricants Materials and Lubrication Engineering and CD TAE 2008, ISBN 3924813736; 978-392481373-4, Technische Akademie Esslingen, www.tae.de/tribology/ , www.scopus.com , 15-17 January, Ostfildern, Germany, 2008	1
49	Rîpeanu, R.G. , Tudor, I., Dinu, F., <i>Diminishing Erosion-Corrosion Wear at Centrifugal Pumps</i> , Proceedings of 16 th International Colloquium Tribology and CD TAE 2008, Technische Akademie Esslingen, www.tae.de/tribology/ , www.scopus.com , 15-17 January, Ostfildern, Germany, 2008	1
50	Matei, G.M., Luca, M., Cira, L., Drumeanu, A., Rîpeanu, R.G. , Popa, C., Iliescu, M.G., <i>Improved extreme-pressure additives in metal working fluids and their influence above cutting tools durability</i> , Proceedings of 10 th International Conference Lubrication Engineering in Theory and Practice, pp 26-34, Czech Mechanical Engineering Society, www.tribotechnika.cz/Conference2007 , 15-17 October, Prague, Czech Republic, 2007	1
51	Rîpeanu, R.G. , Tudor, I., Dinu, F., Grigore, V., <i>Cathodic protection influence above erosion-corrosion wear</i> , 10 th International Conference on Tribology, ROTRIB 07, http://scientific.thomsonwebplus.com/SearchResults.aspx?query=Ripeanu+R*&searchContext=PERSON+OR+AUTHOR , 8-10 noiembrie, Bucuresti, CD ISBN 978-973-78-38-49-0, 2007	1
52	Rîpeanu, R.G. , Drumeanu, A.C., Matei, G., Luca, M., <i>The influence of cooling fluids types above cutting tools durability</i> , Proceedings of 10 th International Conference on Tribology and Workshop 07, SERBIATRIB 07, pp. 157-160, ISBN 978-86-86663-13-9, Kragujevac, University of Kragujevac, Mechanical Engineering Faculty and Yugoslav Tribology Society, http://vbs.nbs.bg.ac.yu/scripts/cobiss?command=DISPLAY&base=COBIB&RID=140757260 , 19-21 June, Serbia, 2007	1
53	Bădoiu, D., Rîpeanu, R.G. , <i>Research concerning the achievement of a mechatronic device used for testing the spherical joints</i> , Proceedings of the European Conference on Tribology and Final conference on COST 532 action, ECOTRIB'07, pp.997-1005, ISBN 978-961-90254-8-2, Ljubljana, Slovenian Society for Tribology, www.ctd.uni-lj.si/ecotrib2007.htm , 12-15 th june, Slovenia, http://0-zetoc.mimas.ac.uk.catalogue.ulrls.lon.ac.uk/	1

	http://scientific.thomsonwebplus.com/SearchResults.aspx?query=Ripeanu+R*&searchContext=PERSON+OR+AUTHOR , 2007	
54	Kiss, A., Braic, V., Zoita, C.N., Balaceanu, M., Vladescu, A., Popescu, A., Braic, M., Ripeanu, R.G. , <i>Influence of chemical composition on properties of TiSiN, TiAlSiN and TiZrSiN coatings</i> , The International Conference on Surfaces, Coatings and Nanostructured Materials NANOSMAT 2007, www.nanosmat.org , 9-11 July, Algarve, Portugal, 2007	1
55	Taca, M., Ripeanu, R.G. , <i>Antifriction wear-resistant coatings for sliding bearings deposited by plasma spraying</i> , The 16 th International Colloquium on Plasma Processes, www.vide.org/cip2007/program.html , Toulouse, 4-8 June, France, 2007	1
56	Vladescu, A., Kiss, A., Zoita, C.N., Vasilescu, E., Braic, V., Balaceanu, M., Drob, P., Braic, M., Popescu, A., Ripeanu, R.G. , <i>Corrosion and wear resistance of 316L stainless steel coated with biocompatible thin films</i> , The E-MRS 2007 Spring meeting- Protective coatings and thin films 07- Symposium Q, www.emrs-strasbourg.com/files/pdf/symposium_q.pdf , Strasbourg, 28 May-1 June, France, 2007	1
57	Ripeanu, R.G. , <i>Establish the reliability of rod-pumps used at deep-drill pumping</i> , Proceedings of the 7 th International Symposium INSYCONT'06, „Energy and environmental aspect of tribology”, pp.313-323, ISBN 83-7204-539-9, Cracow, Polish Academy of Science, www.tribologia.org/ptt/d/insycont_2006_Program.htm , 14-16 th September, Poland, 2006	1
58	Ripeanu, R.G. , Tudor, I., Tache, A., <i>Research regarding the influence of cutting parameters above drills durability</i> , Proceedings of the 7 th International Symposium INSYCONT'06, „Energy and environmental aspect of tribology”, pp.305-313, ISBN 83-7204-539-9, Cracow, Polish Academy of Science, www.tribologia.org/ptt/d/insycont_2006_Program.htm , 14-16 th September, Poland, 2006	1
59	Ripeanu, R.G. , Tudor, I., <i>Research regarding welding joints influence above electrochemical parameters at methane gas pipes</i> , Proceedings of the 5 th International Conference „Study and control of corrosion in the perspective of sustainable development of urban distribution grids, URB-CORR 2006”, pp.71-76, ISBN(10) 973-718-481-5, ISBN(13) 978-973-718-481-1, 18-20 May, Tg. Mures, Ed. Printech-Bucuresti, 2006	1
60	Vlădescu, A., Kiss, A., Popescu, A., Braic, M., Bălăceanu, M., Braic, V., Tudor, I., Logofătu, C., Negrilă, C., Ripeanu, R. , <i>Influence of bilayer period on the characteristics of nanometre scale ZrN/TiAlN multilayers</i> , Workshop on nanostructured materials- NANOMAT 2006, 21-23 June, Antalya, Turcia, http://0-zetoc.mimas.ac.uk.catalogue.urls.lon.ac.uk/ , 2006	1
61	Ripeanu, R.G. , Tudor, I., Tache, A., <i>Establish the durability of some hard PVD coated drills</i> , Proceedings of the 5 th International Conference „The Coatings” in Manufacturing Engineering and EUREKA Partnering Event, pp.131-137, ISBN 960-243-617-4, http://155.207.75/lcmn_The.asp , 5-7 October, Kallithea of Chalkidiki, Greece, 2005	1
62	Tudor, I., Ripeanu, R.G. , Bădoiu, D., <i>Device and simulator for testing pairs of materials used for joints design</i> , Proceedings of the 2 nd International Conference on Manufacturing Engineering „ICMEN” and EUREKA Brokerage Event, pp.417-423, ISBN 960-243-615-8, http://155.207.75/lcmn_The.asp , 5-7 October, Kallithea of Chalkidiki, Greece, 2005	1
63	Ripeanu, R.G. , Antonescu, L., <i>The influence of welding joints above corrosion behavior at methane gas pipes</i> , Proceedings of the 2 nd International Conference on Manufacturing Engineering „ICMEN” and EUREKA Brokerage Event, pp.457-463, ISBN 960-243-615-8, http://155.207.75/lcmn_The.asp , 5-7 October, Kallithea of Chalkidiki, Greece, 2005	1
64	Flueraru, F., Ripeanu, R.G. , Luca, M., Popescu, D., <i>Future trends in corrosion protecting coatings used in manufacturing processes</i> , Proceedings of the 2 nd International	1

	Conference on Manufacturing Engineering „ICMEN” and EUREKA Brokerage Event, pp.615-623, ISBN 960-243-615-8, http://155.207.75/lcmen_The.asp , 5-7 October, Kallithea of Chalkidiki, Greece, 2005	
65	Antonescu, N.N., Rîpeanu, R.G. , <i>Research regarding functional parameters influence about corrosion rate at crude oil pipes</i> -plenary session, Proceedings of the 5 th International Conference on Tribology, pp.38-46, University of Kragujevac, Mechanical Engineering Faculty and Yugoslav Tribology Society, ISBN 86-80581-78-X, Kragujevac, Serbia&Munteneugu, www.tribologie.free.fr/fiches/fiches_agenda/balkantrib05.pdf , 2005	1
66	Tudor, I., Popescu, A.A., Rîpeanu, R.G. , Balaceanu, M., Braic, V., Braic, M., <i>Tribological characteristics of superhard Ti(C,N) coating deposited on milling cutters</i> , Proceedings of 5 th International Conference on Tribology, pp.277-281, University of Kragujevac, Mechanical Engineering Faculty and Yugoslav Tribology Society, ISBN 86-80581-78-X, Kragujevac, Serbia&Munteneugu, www.tribologie.free.fr/fiches/fiches_agenda/balkantrib05.pdf , 2005	1
67	Rîpeanu, R.G. , <i>Establish the reliability of piston-cylinder couple of downhole pumps</i> , Proceedings of the 5 th International Conference on Tribology, pp.435-441, University of Kragujevac, Mechanical Engineering Faculty and Yugoslav Tribology Society, ISBN 86-80581-78-X, Kragujevac, Serbia&Munteneugu, www.tribologie.free.fr/fiches/fiches_agenda/balkantrib05.pdf , 2005	1
68	Tudor, I., Rîpeanu, R.G. , <i>Galvanic cathodic protection influence about diminishing wear in corroding medium</i> , Proceedings of the 5 th International Conference on Tribology, pp.441-447, University of Kragujevac, Mechanical Engineering Faculty and Yugoslav Tribology Society, ISBN 86-80581-78-X, Kragujevac, Serbia&Munteneugu, www.tribologie.free.fr/fiches/fiches_agenda/balkantrib05.pdf , 2005	1
69	Popescu, A., Tudor, I., Rîpeanu, R.G. , ș.a., <i>Wear resistance evaluation of TiN coated cutting tools-1</i> , Proceedings of 2 nd International Conference Research and development in mechanical industry RaDMI 2002, A-53, Vol.1, pp.329-333, ISBN 86-83803-04-X, www.radmi.org , Vrnjacka Banja, Serbia and Montenegro, 2002	1
70	Tudor, I., Rîpeanu, R.G. , <i>Minimising wear by weld covering with metallic carbide recovered at grinding</i> , Proceedings of the 5 TH International Conference on tribology YUTRIB'97, Kopaonik, pp.51-53, S.R. Yugoslavia, http://0-zetoc.mimas.ac.uk/catalogue.urls.lon.ac.uk/ , 1997	1
71	Tudor, I., Rîpeanu, R.G. , <i>New antifriction composite materials, tribological characteristics, applications</i> , Proceedings of the 5 TH International Conference on tribology YUTRIB'97, Kopaonik, pp.5-7, S.R. Yugoslavia, http://0-zetoc.mimas.ac.uk/catalogue.urls.lon.ac.uk/ , 1997	1
72	Tudor, I., Rîpeanu, R.G. , <i>Combaterea uzurii prin încărcare cu electrozi tubulari umpluți cu carburi metalice recuperate din pulberile rezultate la rectificarea straturilor dure</i> , Lucrări științifice prezentate la a 7-a conferință internațională de Tribologie ROTRIB'96, Vol.17, pp.59-64, Editura Tehnică, ISBN 973-31-0821-6, București, http://0-zetoc.mimas.ac.uk/catalogue.urls.lon.ac.uk/ , 1996	1
73	Tudor, I., Rîpeanu, R.G. , <i>Lacuri lubrifiante, caracteristici tribologice, aplicații</i> , Lucrări științifice prezentate la a 7-a conferință internațională de Tribologie ROTRIB'96, Vol.17, pp.232-238, Editura Tehnică, ISBN 973-31-0821-6, București, http://0-zetoc.mimas.ac.uk/catalogue.urls.lon.ac.uk/ , 1996	1
Total indicator N5=		73

A3.3 Citari in publicatii BDI (se exclud autocitările) - articole ISI+BDI(Scopus)

Nr. Crt.	Lucrarea citată ²	Lucrarea care citează ²	Adresa web a lucrării care citează ³ si FI
1.1	Title: Characteristics of arc plasma deposited TiAlZrCN coatings Author(s): Balaceanu, M., Braic, V., Kiss, A., Zoita, C.N., Vladescu, A., Braic, M., Tudor, I., Popescu, A., Rîpeanu, R.G., Logofatu, C. and Negrila, C.C. Source: SURFACE & COATINGS TECHNOLOGY Volume: 202 Issue: 16 Pages: 3981-3987 http://dx.doi.org/10.1016/j.surfcoat.2008-02.005 Published: MAY 15 2008	Title: Arc plasma deposition of TiSiN/Ni nanoscale multilayered coatings Author(s): Vladescu, Alina; Braic, Viorel; Braic, Mariana; Bălăceanu, Mihai. Source: MATERIALS CHEMISTRY AND PHYSICS Volume: 138 Issue: 2-3 Pages: 500-506 Published: MAR 15 2013 Times Cited: 0 (from Web of Science)	http://dx.doi.org/10.1016/j.matchemphys.2012.12.010 2.21
1.2		Title: Ag+ release and corrosion behavior of zirconium carbonitride coatings with silver nanoparticles for biomedical devices Author(s): Calderon V., S.; Escobar Galindo, R.; Oliveira, J. C.; Cavaleiroc, A.; Carvalho, S. Source: SURFACE & COATINGS TECHNOLOGY Volume: 222 Pages: 104-111 Published: MAY 15 2013 Times Cited: 0 (from Web of Science)	http://dx.doi.org/10.1016/j.surfcoat.2013.02.011 2.906
1.3		Title: ZrNbCN thin films as protective layers in biomedical applications Author(s): Cotrut CM; Balaceanu M; Titorencu I; Braic V; Braic M. Source: SURFACE & COATINGS TECHNOLOGY Volume: 211 Pages: 57-61 Published: OCT 25 2012 ISSN: 0257-8972	http://dx.doi.org/10.1016/j.surfcoat.2011.08.016 2.906
1.4		Title: Evaluation of duplex (Zr,Al)CN coatings with improved tribological performance Author(s): Cotrut C; Vladescu A; Braic V; Braic M; Balaceanu M; Miculescu F. Source: JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 14 Issue: 7-8 Pages: 646-652 , Published: JUL-AUG 2012 ISSN: 1454-4164	http://joam.inoe.ro/index.php 0.39
1.5		Title: (Zr,Ti)CN coatings as potential candidates for biomedical applications Author(s): Braic V; Braic M; Balaceanu M, Vladescu A; Zoita CN; Titorencu I; Jinga V. Source: SURFACE & COATINGS TECHNOLOGY Volume: 206 Issue: 4 Special Issue: SI Pages: 604-609 Published: NOV 15 2011 ISSN: 0257-8972	http://dx.doi.org/10.1016/j.surfcoat.2011.03.074 2.906
1.6		Title: Cavitation erosion characteristics of TiC reinforced metal matrix composite layer fabricated by plasma cladding Author(s): Wu YP (Wu, Y. P.); Zhang JF (Zhang, J. F.); Li GY (Li, G. Y.); Hong S (Hong, S.); He ZH (He, Z. H.) Source: MATERIALS TECHNOLOGY Volume: 26 Issue: 5 Pages: 251-256 Published: NOV 2011 ISSN: 1066-7857	http://dx.doi.org/10.1179/175355511X13110717549396 1.232
1.7		Title: (Ti,Cr,Nb)CN coatings deposited on nitrided high-speed steel by cathodic arc method Author(s): Braic M; Braic V; Balaceanu M; Vladescu A ; Zoita CN; Lungu CP; Grigorescu CEA; Grigore E; Logoftu C. Source: SURFACE & COATINGS TECHNOLOGY Volume: 205 Supplement: 2 Pages: S209-S213 Published: JUL 25	http://dx.doi.org/10.1016/j.surfcoat.2011.03.030 2.906

		2011 ISSN: 0257-8972	
1.8		<p>Title: Influence of substrate roughness on structure and mechanical property of TiAlN coating fabricated by cathodic arc evaporation</p> <p>Author(s): Huang RX (Huang, Ruo-xuan); Qi ZB (Qi, Zheng-bing); Sun P (Sun, Peng); Wang ZC (Wang, Zhou-cheng); Wu CH (Wu, Chong-hu).</p> <p>Book Editor(s): Xiong, Y</p> <p>Conference: 4th International Conference on Surface and Interface Science and Engineering (SISE) Location: Lanzhou, PEOPLES R CHINA Date: 2009</p> <p>Source: PROCEEDING OF THE FOURTH INTERNATIONAL CONFERENCE ON SURFACE AND INTERFACE SCIENCE AND ENGINEERING Book Series: Physics Procedia Volume: 18 Published: 2011</p> <p>Times Cited: 0 (from Web of Science) ISSN: 1875-3892</p>	<p>http://dx.doi.org/10.1016/j.phpro.2011.06.075</p> <p>0</p>
1.9		<p>Title: Structure-property relations in ZrCN coatings for tribological applications</p> <p>Author(s): Silva E; de Figueiredo MR; Franz R; Galindo RE; Palacio C; Espinosa A; Calderon S; Mitterer C; Carvalho S</p> <p>Source: SURFACE & COATINGS TECHNOLOGY Volume: 205 Issue: 7 Pages: 2134-2141</p> <p>Published: DEC 25 2010</p> <p>Times Cited: 5 (from Web of Science)</p> <p>Title: Structure-property relations in ZrCN coatings for tribological applications</p> <p>Times Cited in Web of Science: 5 ISSN: 0257-8972</p>	<p>http://dx.doi.org/10.1016/j.surfcoat.2010.08.126</p> <p>2.906</p>
1.10		<p>Title: Deposition of zirconium carbonitride composite films using ion and electron beams emitted from plasma focus device</p> <p>Author(s) Khan IA ; Jabbar S; Hussain T; Hassan M; Ahmad R; Zakaullah M; Rawat RS</p> <p>Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS Volume: 268 Issue: 13 Pages: 2228-2234 Published: JUL 1 2010</p> <p>Times Cited: 4 (from Web of Science) ISSN: 0168-583X</p>	<p>http://dx.doi.org/10.1016/j.nimb.2010.03.030</p> <p>1.323</p>
1.11		<p>Title: Stress and texture in titanium nitride thin films by X-ray diffraction techniques</p> <p>Author(s): Ducu C; Moga S; Negrea D; Malinovsky V; Balaceanu M.</p> <p>Source: JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 12 Issue: 5 Pages: 1078-1082, Published: MAY 2010</p> <p>Times Cited: 0 (from Web of Science) ISSN: 1454-4164</p>	<p>http://joam.inoe.ro/index.php</p> <p>0.39</p>

1.12	<p>Title: Characteristics of (TiAlCrNbY)C films deposited by reactive magnetron sputtering Author(s): Braic M; Braic V; Balaceanu M ; Zoita CN; Vladescu A; Grigore E Conference: Symposium on Protective Coatings and Thin Films held at the 2009 E-MRS Spring Meeting Location: Strasbourg, FRANCE Date: JUN 08-12, 2009 Sponsor(s): European Mat Res Soc Source: SURFACE & COATINGS TECHNOLOGY Volume: 204 Issue: 12-13 Pages: 2010-2014 Published: MAR 15 2010 Times Cited: 5 (from Web of Science) ISSN: 0257-8972</p>	http://dx.doi.org/10.1016/j.surfcoat.2009.10.049 2.906
1.13	<p>Title: Corrosion resistance, mechanical properties and biocompatibility of Hf-containing ZrCN coatings Author(s): Cotrut, Cosmin-Mihai; Braic, Viorel; Balaceanu, Mihai; et al. Source: THIN SOLID FILMS Volume: 538 Pages: 48-55 Published: JUL 1 2013</p>	http://dx.doi.org/10.1016/j.tsf.2012.12.100 1.939
1.14	<p>Title: Deposition and characterization of multi-principal-element (CuSiTiYZr)C coatings Author(s): Braic, M.; Balaceanu, M.; Vladescu, A.; et al. Source: APPLIED SURFACE SCIENCE Volume: 284 Pages: 671-678 Published: NOV 1 2013</p>	http://dx.doi.org/10.1016/j.apsusc.2013.07.152 4.439
1.15	<p>Title: Investigation of nanostructured TiSiC-Zr and TiSiC-Cr hard coatings for industrial applications Author(s): Vitelaru, C.; Balaceanu, M.; Parau, A.; et al. Source: SURFACE & COATINGS TECHNOLOGY Volume: 251 Pages: 21-28 Published: JUL 25 2014</p>	http://dx.doi.org/10.1016/j.surfcoat.2014.04.001 2.906
1.16	<p>Title: Prediction of optimized composition for enhanced mechanical and electrochemical response of Zr-C-N-Ag coatings for medical devices Author(s): Calderon, S.; Oliveira, J. C.; Evaristo, M.; et al. Source: APPLIED SURFACE SCIENCE Volume: 320 Pages: 570-580 Published: NOV 30 2014</p>	http://dx.doi.org/10.1016/j.apsusc.2014.08.201 4.439
1.17	<p>Electrochemical response of ZrCN-Ag-a(C,N) coatings in simulated body fluids By: Calderon, S., V; Cavaleiro, B. A.; Carvalho, S. ELECTROCHIMICA ACTA Volume: 176 Pages: 898-906 Published: SEP 10 2015</p>	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitingArticles&qid=120&SID=U2di8Yq7N7FqsT7RIbC&page=1&doc=1 5.116
1.18	<p>Surface modification of biomedical AISI 316L stainless steel with zirconium carbonitride coatings By: Wang, L.; Zhao, X.; Ding, M. H.; et al. APPLIED SURFACE SCIENCE Volume: 340 Pages: 113-119 Published: JUN 15 2015</p>	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitingArticles&qid=122&SID=U2di8Yq7N7FqsT7RIbC&page=1&doc=2 4.439
1.19	<p>A comparative study of the structural, mechanical and tribological characteristics of TiSiC-Cr coatings prepared in CH4 and C2H2 reactive atmosphere by cathodic vacuum arc By: Braic, Mariana; Vladescu, Alina; Balaceanu, Mihai; et al.</p>	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitingArticles&qid=122&SID=U2di8Yq7N7FqsT7RIbC&page=1&doc=2

		APPLIED SURFACE SCIENCE Volume: 400 Pages: 318-328 Published: APR 1 2017	U2di8Yq7N7FqsT7RlbC&page=1&oc=2 4.439
1.20		Effects of Zr, Nb, or Si addition on the microstructural, mechanical, and corrosion resistance of TiCN hard coatings By: Constantin, L.; Braic, M.; Dinu, M.; et al. MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION Volume: 67 Issue: 9 Pages: 929-938 Published: SEP 2016	https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitingArticles&qid=135&SID=F2j8Uum72rvh5lTiMx2&page=1&doc=4&cacheurlFromRightClick=no 1.259
		Σ FI articol 1= 51.927 C1 articol 1= 20 C articol 1= 71.927	
2.1	Title: Characteristics of Ti-Nb, Ti-Zr and Ti-Al containing hydrogenated carbon nitride films Author(s): Balaceanu, M., Braic, V., Braic, M., Vladescu, A., Zoita, C.N., Grigorescu, C.E., Grigore, E., Ripeanu, R.G.. Source: SOLID STATE SCIENCES Volume: 11 Issue: 10 Pages: 1773-1777 http://dx.doi.org/10.1016/j.solidstatesciences.2008.12.001 Published: OCT 2009	Title: Study of (Zr,Ti)CN, (Zr,Hf)CN and (Zr,Nb)CN films prepared by reactive magnetron sputtering Author(s): Braic, M.; Balaceanu, M.; Vladescu, A.; Zoita CN, Braic V. Source: THIN SOLID FILMS Volume: 519 Issue: 12 Special Issue: SI Pages: 4092-4096 Published: APR 1 2011 ISSN: 0040-6090	http://dx.doi.org/10.1016/j.tsf.2011.01.375 1.939
2.2		Title: (Zr,Ti)CN coatings as potential candidates for biomedical applications Author(s): Braic V; Braic M; Balaceanu M, Vladescu A; Zoita CN;Titorencu I; Jinga V. Source: SURFACE & COATINGS TECHNOLOGY Volume: 206 Issue: 4 Special Issue: SI Pages: 604-609 Published: NOV 15 2011 ISSN: 0257-8972	http://dx.doi.org/10.1016/j.surfcoat.2011.03.074 2.906
2.3		Title: Ag+ release and corrosion behavior of zirconium carbonitride coatings with silver nanoparticles for biomedical devices Author(s): Calderon V., S.; Escobar Galindo, R.; Oliveira, J. C.; Cavaleiroc, A.; Carvalhoal, S. Source: SURFACE & COATINGS TECHNOLOGY Volume: 222 Pages: 104-111 , Published: MAY 15 2013 Times Cited: 0 (from Web of Science)	http://dx.doi.org/10.1016/j.surfcoat.2013.02.011 2.906
2.4		Title: Tribological performance evidence on ternary and quaternary nitride coatings applied for industrial steel Author(s): Caicedo, J. C.; Aperador, W.; Aguilar, Y. Source: REVISTA MEXICANA DE FISICA Volume: 59 Issue: 4 Pages: 364-373 Published: JUL-AUG 2013	http://scielo.unam.mx/pdf/rmf/v59n4/v59n4a12.pdf 0.595
2.5		Title: Corrosion resistance, mechanical properties and biocompatibility of Hf-containing ZrCN coatings Title: Cotrut, Cosmin-Mihai; Braic, Viorel; Balaceanu, Mihai; et al. Title: THIN SOLID FILMS Volume: 538 Pages: 48-55 Published: JUL 1 2013	10.1016/j.tsf.2012.12.100 1.939
2.6		Title: Physical and tribological diagnostic of Ti-(Carbon Nitrides) and Ti-Nb-(Carbon Nitrides) coatings Title: Caicedo, J. C.; Aperador, W.; Caicedo, H. H. Title: JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY Volume: 28 Issue: 2 Pages: 489-497 Published:FEB 2014	http://dx.doi.org/10.1007/s12206-013-1117-4 1.194
2.7		Title: Existing forms and effects of carbon on the surface	http://dx.doi.org/10.1016/j.tsf.2012.12.100

		structure and hardness of ZrTiAlV alloys with various Zr contents Author(s): Liang, S. X.; Yin, L. X.; Che, H. W.; et al. Source: MATERIALS & DESIGN Volume: 55 Pages: 864-868 Published: MAR 2014	0.1016/j.matdes.2013.10.063 4.525
2.8		Title: 60 years of DLC coatings: Historical highlights and technical review of cathodic arc processes to synthesize various DLC types, and their evolution for industrial applications Author(s): Vetter, J. Source: SURFACE & COATINGS TECHNOLOGY Volume: 257 Pages: 213-240 Published: OCT 25 2014	http://dx.doi.org/10.1016/j.surfcoat.2014.08.017 2.906
2.9		Effects of Zr, Nb, or Si addition on the microstructural, mechanical, and corrosion resistance of TiCN hard coatings By: Constantin, L. ; Braic, M. ; Dinu, M. ; et al. MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION Volume: 67 Issue: 9 Pages: 929-938 Published: SEP 2016	https://apps.webofknowledge.com/fu/ll_record.do?product=UA&searchmode=CitingArticles&qid=94&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 1.259
		Σ FI articol 2= C1 articol 2= C articol 2=	20.169 9 29.169
3.1	Title: Influence of bilayer period on the characteristics of nanonetre-scale ZrN/TiAlN multilayers Author(s): Vladescu, A. , Kiss, A. , Popescu, A. , Braic, M. , Balaceanu, M. , Braic, V. , Tudor, I. , Logofatu, C. , Negri, C. C. and Ripeanu, R. Conference: International Workshop on Nanostructured Materials (ANAOMAT 2006) Location: Antalya, TURKEY Date: JUN 21-23, 2006 Sponsor(s): NanoForum; Middle East Tech Univ Source: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 8 Issue: 2 Pages: 717-721 http://dx.doi.org/10.1166/jnn.2008.D218 Published: FEB 2008	Title: Evaluation of duplex (Zr,Al)CN coatings with improved tribological performance Author(s): Cotrut, C. ; Vladescu, A. ; Braic, V. ; Braic, M. ; Balaceanu, M. ; Miculescu, F. Source: JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 14 Issue: 7-8 Pages: 646-652, Published: JUL-AUG 2012 Times Cited: 0 (from Web of Science) ISSN: 1454-4164	http://joam.inoe.ro/index.php 0.39
3.2		Title: (Ti,Cr,Nb)CN coatings deposited on nitrided high-speed steel by cathodic arc method Author(s): Braic M. ; Braic V. ; Balaceanu M. ; Vladescu A. ; Zoita CN. ; Lungu CP. ; Grigorescu CEA. ; Grigore E. ; Logoftu C. Source: SURFACE & COATINGS TECHNOLOGY Volume: 205 Supplement: 2 Pages: S209-S213 Published: JUL 25 2011 ISSN: 0257-8972	http://dx.doi.org/10.1016/j.surfcoat.2011.03.030 2.906
3.3		Title: Effects of pulsed bias duty ratio on microstructure and mechanical properties of TiN/TiAlN multilayer coatings Author(s): Wei, Yongqiang. ; Gong, Chunzhi Source: APPLIED SURFACE SCIENCE Volume: 257 Issue: 17 Pages: 7881-7886 Published: JUN 15 2011 Times Cited: 1 (from Web of Science)	http://dx.doi.org/10.1016/j.apsusc.2011.04.066 4.439
3.4		Title: Influence of ion bombardment flux on the characteristics of NiC films obtained by cathodic arc deposition Author(s): Balaceanu, M. ; Vladescu, A. ; Braic, M. ; Zoita CN. ; Feraru I. ; Braic V. Source: OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume: 4 Issue: 12 Pages: 2167-2171 , Published: DEC 2010 Times Cited: 2 (from Web of Science) ISSN: 1842-6573	http://oam-rc.inoe.ro/ 0.386

3.5	<p>Title: Stress and texture in titanium nitride thin films by X-ray diffraction techniques</p> <p>Author(s): Ducu C; Moga S; Negrea D; Malinovschi V; Balaceanu M.</p> <p>Source: JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 12 Issue: 5 Pages: 1078-1082, Published: MAY 2010</p> <p>Times Cited: 0 (from Web of Science) ISSN: 1454-4164</p>	<p>http://joam.inoe.ro/index.php</p> <p>0.39</p>
3.6	<p>Title: TiAlN/TiAlZrN multilayered hard coatings for enhanced performance of HSS drilling tools</p> <p>Author(s): Braic, V.; Zoita, C. N.; Balaceanu, M.; Kiss, A; Vladescu, A; Popescu, A; Braic, M.</p> <p>Conference: Symposium on Protective Coatings and Thin Films held at the 2009 E-MRS Spring Meeting Location: Strasbourg, FRANCE Date: JUN 08-12, 2009</p> <p>Sponsor(s): European Mat Res Soc</p> <p>Source: SURFACE & COATINGS TECHNOLOGY Volume: 204 Issue: 12-13 Pages: 1925-1928</p> <p>Published: MAR 15 2010</p> <p>Times Cited: 13 (from Web of Science) ISSN: 0257-8972</p>	<p>http://dx.doi.org/10.1016/j.surfcoat.2009.08.011</p> <p>2.906</p>
3.7	<p>Title: Nickel carbide films obtained by vacuum-arc plasma deposition. Effects of ion bombardment</p> <p>Author(s): Pavelescu, D.; Braic, M.; Balaceanu, M.; Vladescu A; Zoita CN; Feraru I; Braic, V.</p> <p>Book Group Author(s): IEEE</p> <p>Conference: 25th International Symposium on Discharges and Electrical Insulation in Vacuum ISDEIV Location: Braunschweig, GERMANY Date: AUG 30-SEP 03, 2010</p> <p>Sponsor(s): IEEE; DEIS; Tech Univ Braunschweig</p> <p>Source: ISDEIV 2010: XXIVTH INTERNATIONAL SYMPOSIUM ON DISCHARGES AND ELECTRICAL INSULATION IN VACUUM</p> <p>Book Series: International Symposium on Discharges and Electrical Insulation in a Vacuum Pages: 482-484</p> <p>Published: 2010 Times Cited: 0 (from Web of Science)</p>	<p>http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=Nickel+carbide+films+obtained+by+vacuum-arc+plasma+deposition.+Effects+of+ion+bombardment&x=20&y=17</p> <p>0</p>
3.8	<p>Title: Effects of substrate ion bombardment on characteristics of vacuum-arc plasma deposited hard coatings</p> <p>Author(s): Braic, V.; Pavelescu, D.; Balaceanu, M.; Zoita CN; Braic M; Kiss A; Vladescu A.</p> <p>Book Group Author(s): IEEE</p> <p>Conference: 23rd International Symposium on Discharges and Electrical Insulation in Vacuum Location: Univ Politehn, Bucharest, ROMANIA Date: SEP 15-19, 2008</p> <p>Sponsor(s): ABB AG; Toshiba Corp; IEEE; ICPE; ICPE CA; UAIC; INOE; IEEE DEIS</p> <p>Source: ISDEIV 2008: PROCEEDINGS OF THE XXIIIRD INTERNATIONAL SYMPOSIUM ON DISCHARGES AND ELECTRICAL INSULATION IN VACUUM, VOLS 1 AND 2 Book Series: PROCEEDINGS - INTERNATIONAL SYMPOSIUM ON DISCHARGES AND ELECTRICAL INSULATION IN VACUUM Pages: 503-506 Published: 2008 Times Cited: 0 (from Web of Science)</p>	<p>http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=Effects+of+substrate+ion+bombardment+on+characteristics+of+vacuum-arc+plasma+deposited+hard+coatings&x=27&y=17</p> <p>0</p>
3.9	<p>Title: Effects of modulation ratio on microstructure and properties of TiN/TiAlN multilayer coatings</p> <p>Author(s): Wei Yongqiang; Zong Xiaoya; Wu Zhongzhen; et al.</p> <p>Source: SURFACE & COATINGS TECHNOLOGY</p> <p>Volume: 229 Pages: 191-196 Published: AUG 25 2013</p>	<p>http://dx.doi.org/10.1016/j.surfcoat.2012.05.082</p> <p>2.906</p>
3.10	<p>Title: Mechanical properties and impact resistance of multilayered TiAlN/ZrN coatings</p>	<p>http://dx.doi.org/10.1016/j.surfcoat.2012.05.082</p>

		Author(s): Chang, Yin-Yu; Wu, Chen-Jui Source: SURFACE & COATINGS TECHNOLOGY Volume: 231 Pages: 62-66 Published: SEP 2013	012.03.013 2.906
3.11		Title: Structural, mechanical and anti-corrosive properties of biocompatible Zr/ZrCN coatings Authors of Document Cotrut, C.M. , Zoita, C.N. , Kiss, A. , (...), Vladescu, A. , Antoniac, I. Year the Document was Publish 2008 Source of the Document European Cells and Materials 16 (SUPPL. 1), pp. 30	http://www.scopus.com/record/display.url?eid=2-s2.0-84860356662&origin=resultslist&sort=plf-f&cite=2-s2.0-42549126472&src=s&imp=t&sid=A80C2B14FF5A74D844273710646FE792.iqs8TDG0Wy6BURhzD3nFA%3a1700&sot=cite&sdt=a&sl=0&relpos=10&relpos=10&citeCnt=0&searchTerm= 0
3.12		Investigation of multilayered TiSiC/NiC protective coatings By: Braic, M.; Balaceanu, M.; Parau, A. C.; et al. VACUUM Volume: 120 Pages: 60-66 Part: A Published: OCT 2015	DOI: 10.1016/j.vacuum.2015.06.019 2.067
3.13		The effect of TiSiN interlayers on the bond strength of ceramic to NiCr and CoCr alloys By: Vladescu, A.; Dinu, M.; Braic, M.; et al. CERAMICS INTERNATIONAL Volume: 41 Issue: 6 Pages: 8051-8058 Published: JUL 2015	DOI: 10.1016/j.cerami.2015.03.001 3.057
3.14		A new type of (TiZrNbTaHf)N/MoN nanocomposite coating: Microstructure and properties depending on energy of incident ions By: Bagdasaryan, A. A.; Pshyk, A. V.; Coy, L. E.; et al. COMPOSITES PART B-ENGINEERING Volume: 146 Pages: 132-144 Published: AUG 1 2018	https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=142&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 4.92
3.15		In Vitro Biocompatibility of Si Alloyed Multi-Principal Element Carbide Coatings By: Vladescu, Alina; Titorencu, Irina; Dekhtyar, Yuri; et al. PLOS ONE Volume: 11 Issue: 8 Article Number: e0161151 Published: AUG 29 2016	https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=146&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=3 2.766
3.16		NanoscaleTiN/ZrN Multilayered Coatings, Their Structure and Properties By: Bondar, O. V.; Beresnev, V. M.; Kravchenko, Ya. O.; et al. Conference: 6th International Conference on Nanomaterials - Applications & Properties (NAP) Location: Minist Educ & Sci Ukraine, Lviv, UKRAINE Date: SEP 14-19, 2016 INTERNATIONAL CONFERENCE ON NANOMATERIALS: APPLICATION & PROPERTIES (NAP) Article Number: UNSP	https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=150&SID=F2j8Uum72rvh5ltiMx2&pa

		01NTF07 Published: 2016	ge=1&doc=4&ca cheurlFromRight Click=no 0
		Σ FI articol 3= 30.039 C1 articol 3= 16 C articol 3= 46.039	
4.1	Title: Structure and properties of Zr/ZrCN coatings deposited by cathodic arc method Author(s): Braic, M.; Braic, V.; Balaceanu, M.; et al. Source: MATERIALS CHEMISTRY AND PHYSICS Volume: 126 Issue: 3 Pages: 818-825 DOI: 10.1016/j.matchemphys.2010.12.036 Published: APR 15 2011	Title: Ag+ release and corrosion behavior of zirconium carbonitride coatings with silver nanoparticles for biomedical devices Author(s): Calderon V., S.; Escobar Galindo, R.; Oliveira, J. C.; Cavaleiroc, A.; Carvalhoal, S. Source: SURFACE & COATINGS TECHNOLOGY Volume: 222 Pages: 104-111 Published: MAY 15 2013 Times Cited: 0 (from Web of Science)	http://dx.doi.org/10.1016/j.surfcoat.2013.02.011 2.906
4.2		Title: Arc plasma deposition of TiSiN/Ni nanoscale multilayered coatings Author(s): Vladescu, Alina; Braic, Viorel; Braic, Mariana; Bălăceanu, Mihai. Source: MATERIALS CHEMISTRY AND PHYSICS Volume: 138 Issue: 2-3 Pages: 500-506 Published: MAR 15 2013 Times Cited: 0 (from Web of Science)	http://dx.doi.org/10.1016/j.matchemphys.2012.12.010 2.21
4.3		Title: High efficiency surface roughness measuring system for hard thin films deposited by cathodic arc evaporation Author(s): Kuo, Chil-Chyuan; Siao, Yu-Teng Source: OPTIK Volume: 124 Issue: 17 Pages: 2993-2997 Published: 2013	http://dx.doi.org/10.1016/j.ijleo.2012.09.014 1.191
4.4		A Rapid Optical System for Surface Roughness Measurement of Hard Films By: Kuo, C. C.; Siao, Y. T. Book Group Author(s): IEEE Conference: IEEE International Conference on Industrial Engineering and Engineering Management (IEEM) Location: HONG KONG Date: DEC 10-13, 2012 Sponsor(s): IEEE; IEEE Technol Management Council, Singapore Chapter; IEEE Singapore Sect; IEEE Systems, Man, & Cybernet Soci Hong Kong Chapter 2012 IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL ENGINEERING AND ENGINEERING MANAGEMENT (IEEM) Book Series: International Conference on Industrial Engineering and Engineering Management IEEM Pages: 2365-2369 Published: 2012	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitingArticles&qid=87&SID=U2di8Yq7N7FqsT7Rlbc&page=2&doc=110 0
4.5		Title: Ag+ release inhibition from ZrCN-Ag coatings by surface agglomeration mechanism: structural characterization Author(s): Calderon, S., V; Escobar Galindo, R.; Benito, N.; et al. Source: JOURNAL OF PHYSICS D-APPLIED PHYSICS Volume: 46 Issue: 32 Article Number: 325303 Published: AUG 14 2013	http://dx.doi.org/10.1088/0022-3727/46/32/325303 2.373
4.6		Title: Investigation of nanostructured TiSiC-Zr and TiSiC-Cr hard coatings for industrial applications Author(s): Vitelaru, C.; Balaceanu, M.; Parau, A.; et al. Source: SURFACE & COATINGS TECHNOLOGY Volume: 251 Pages: 21-28 Published: JUL 25 2014	http://dx.doi.org/10.1016/j.surfcoat.2014.04.001 2.906
4.7		Title: Prediction of optimized composition for enhanced mechanical and electrochemical response of Zr-C-N-Ag coatings for medical devices Author(s): Calderon, S.; Oliveira, J. C.; Evaristo, M.; et al. Source: APPLIED SURFACE SCIENCE Volume: 320 Pages: 570-580 Published: NOV 30 2014	http://dx.doi.org/10.1016/j.apsusc.2014.08.201 4.439
4.8		Title: Biotribological behavior of Ag-ZrCxN1-x coatings	http://dx.doi.org/10.1016/j.surfcoat.2014.04.001

		against UHMWPE for joint prostheses devices Author(s) Calderon, S., V; Sanchez-Lopez, J. C.; Cavaleiro, A.; et al. Source: JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS Volume: 41 Pages: 83-91 Published: JAN 2015	0.1016/j.jmbbm.2014.09.028 3.239
4.9		Electrochemical response of ZrCN-Ag-a(C,N) coatings in simulated body fluids By: Calderon, S., V; Cavaleiro, B. A.; Carvalho, S. ELECTROCHIMICA ACTA Volume: 176 Pages: 898-906 Published: SEP 10 2015	DOI: 10.1016/j.electacta.2015.07.083 5.116
4.10		Chemical and structural characterization of Zr-C-N-Ag coatings: XPS, XRD and Raman spectroscopy By: Calderon, S.; Cavaleiro, A.; Carvalho, S. APPLIED SURFACE SCIENCE Volume: 346 Pages: 240-247 Published: AUG 15 2015	DOI: 10.1016/j.apsusc.2015.03.161 4.439
4.11		Surface modification of biomedical AISI 316L stainless steel with zirconium carbonitride coatings By: Wang, L.; Zhao, X.; Ding, M. H.; et al. APPLIED SURFACE SCIENCE Volume: 340 Pages: 113-119 Published: JUN 15 2015	DOI: 10.1016/j.apsusc.2015.02.191 4.439
4.12		Title: A rapid optical system for surface roughness measurement of hard films Authors of Document Kuo, C.C. , Siao, Y.T. Year the Document was Publish 2012 Source of the Document IEEE International Conference on Industrial Engineering and Engineering Management 6838171, pp. 2365-2369	http://dx.doi.org/10.1109/IEEM.2012.6838171 0
4.13		Synthesis and characterization of soluble and meltable Zr-containing polymers as the single-source precursor for Zr(C, N) multinary ceramics By: Li, Hao ; Gou, Yanzi ; Chen, Shugang ; et al. JOURNAL OF MATERIALS SCIENCE Volume: 53 Issue: 15 Pages: 10933-10945 Published: AUG 2018	https://apps.webofknowledge.com/full_record.do?product=UA&searchmode=CitingArticles&qid=75&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 2.993
4.14		Effect of Bias Voltage on Microstructure and Mechanical Properties of Nanocomposite ZrCN Films Deposited by Filtered Cathodic Vacuum Arc By: Zhou, Han ; Zhou, Fu-Zeng ; Shen, Yong-Qing ; et al. CHINESE PHYSICS LETTERS Volume: 35 Issue: 6 Article Number: 066202 Published: MAY 2018	https://apps.webofknowledge.com/full_record.do?product=UA&searchmode=CitingArticles&qid=78&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=2&cacheurlFromRightClick=no 0.847
4.15		Tribology of multilayer coatings for wear reduction: A review By: Khadem, Mahdi ; Penkov, Oleksiy V. ; Yang, Hee-Kyung ; et al. Conference: 6th World Tribology Congress (WTC) Location: Chinese Tribol Inst, Beijing, PEOPLES R CHINA Date: SEP 17-22, 2017 Sponsor(s): Tsinghua Univ, State Key Lab Tribol FRICTION Volume: 5 Issue: 3 Special Issue: SI Pages: 248-262 Article Number: 2223-7690(2017)5:3<248:TOMCFW>2.0.TX;2-B Published: SEP 2017	https://apps.webofknowledge.com/full_record.do?product=UA&searchmode=CitingArticles&qid=81&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=3&cacheurlFromRightClick=no

			1.869
4.16		Microstructures and properties of Zr/CrN multilayer coatings fabricated by multi-arc ion plating By: Guan, Xiaoyan ; Wang, Yongxin ; Zhang, Guangan ; et al. TRIBOLOGY INTERNATIONAL Volume: 106 Pages: 78-87 Published: FEB 2017	https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=85&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=4&cacheurlFromRightClick=no 3.246
		Σ FI articol 4= 42.213 C1 articol 4= 16 C articol 4= 58.213	
5.1	Title: STUDY OF THE TRIBOLOGICAL BEHAVIOR OF DIFFERENT CARBONACEOUS NANOMATERIALS SUCH AS ANTIWEAR ADDITIVES FOR AN ENVIRONMENTALLY FRIENDLY LUBRICANT Author(s): Cursaru, D. L.; Ramadan, I.; Tanasescu, C.; et al. Source: Digest Journal of Nanomaterials and Biostructures Volume: 8 Issue: 2 Pages: 805-815 Published: APR-JUN 2013	Title: CARBON NANOWALLS AS SUITABLE LAYERS FOR LUBRICITY IMPROVEMENT Author(s): Vizireanu, S.; Stoyanova, A. Lazea; Filipescu, M.; Cursaru, DL ; Dinescu, G. Source: DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES Volume: 8 Issue: 3 Pages: 1145-1156 Published: JUL-SEP 2013	http://chalcogen.ro/1145_Vizireanu.pdf 0.673
5.2	Author(s): Cursaru, D. L.; Ramadan, I.; Tanasescu, C.; et al. Source: Digest Journal of Nanomaterials and Biostructures Volume: 8 Issue: 2 Pages: 805-815 Published: APR-JUN 2013	Title: EFFECT OF FUNCTIONALIZATION OF SINGLE WALLED CARBON NANOTUBES ON ANTIWEAR PROPERTIES OF A MINERAL BASE OIL Author(s): Cursaru, D. L.; Ghita, D.; Mihai, S. Source: DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES Volume: 9 Issue: 4 Pages: 1379-1388 Published: OCT-DEC 2014	http://www.chalcogen.ro/1379_Cursaru.pdf 0.673
		Σ FI articol 5= 1.346 C1 articol 5= 2 C articol 5= 3.346	
6.1	Title: The efficiency of Co-based single-wall carbon nanotubes (SWNTs) as an AW/EP additive for mineral base oils Author(s): Cursaru, Diana-Luciana; Andronescu, Corina; Pirvu, Cristian; et al. Source: Wear Volume: 290 Pages: 133-139 Published: JUN 30 2012 DOI: 10.1016/j.wear.2012.04.019	Title: Boundary lubrication: Influence of the size and structure of inorganic fullerene-like MoS₂ nanoparticles on friction and wear reduction Author(s): Rabaso, Pierre; Ville, Fabrice; Dassenoy, Fabrice; et al. Source: WEAR Volume: 320 Pages: 161-178 Published: DEC 15 2014	http://dx.doi.org/10.1016/j.wear.2014.09.001 2.96
6.2	Author(s): Cursaru, Diana-Luciana; Andronescu, Corina; Pirvu, Cristian; et al. Source: Wear Volume: 290 Pages: 133-139 Published: JUN 30 2012 DOI: 10.1016/j.wear.2012.04.019	Title: Antiwear and Extreme Pressure Properties of Nanofluids for Industrial Applications Author(s): Pena-Paras, Laura; Taha-Tijerina, Jaime; Garcia, Andres; et al. Source: TRIBOLOGY & LUBRICATION TECHNOLOGY Volume: 70 Issue: 12 Pages: 74-79 Published: DEC 2014	http://dx.doi.org/10.1080/10402004.2014.933937 0.16
6.3	Author(s): Cursaru, Diana-Luciana; Andronescu, Corina; Pirvu, Cristian; et al. Source: Wear Volume: 290 Pages: 133-139 Published: JUN 30 2012 DOI: 10.1016/j.wear.2012.04.019	Title: EFFECT OF FUNCTIONALIZATION OF SINGLE WALLED CARBON NANOTUBES ON ANTIWEAR PROPERTIES OF A MINERAL BASE OIL Author(s): Cursaru, D. L.; Ghita, D.; Mihai, S. Source: DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES Volume: 9 Issue: 4 Pages: 1379-1388 Published: OCT-DEC 2014	http://www.chalcogen.ro/1379_Cursaru.pdf 0.673
6.4		FRICTION AND WEAR PROPERTIES OF CARBON NANOWALLS COATINGS By: Cursaru, D. L.; Vizireanu, S.; Mihai, S.; et al. DIGEST JOURNAL OF NANOMATERIALS AND	http://www.chalcogen.ro/1105_Cursaru.pdf 0.673

		BIOSTRUCTURES Volume: 9 Issue: 3 Pages: 1105-1114 Published: JUL-SEP 2014	
6.5		Title: A review of recent developments of friction modifiers for liquid lubricants (2007-present) Author(s):: Tang, Zhenglin; Li, Shaohui Source: CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE Volume: 18 Issue: 3 Pages: 119-139 Published: JUN 2014	http://dx.doi.org/10.1016/j.cossms.2014.02.002 6.548
6.6		Title: Antiwear and Extreme Pressure Properties of Nanofluids for Industrial Applications Author(s):: Pena-Paras, Laura; Taha-Tijerina, Jaime; Garcia, Andres; et al. Source: TRIBOLOGY TRANSACTIONS Volume: 57 Issue: 6 Pages: 1072-1076 Published: 2014	http://dx.doi.org/10.1080/10402004.2014.933937 1.723
6.7		Title: Optimum Balance between Extreme Pressure and Antiwear Additives from Gear Lubricants Author(s):: Bogatu, Liana; Tanasescu, Constantin Source: REVISTA DE CHIMIE Volume: 64 Issue: 8 Pages: 904-908 Published: AUG 2013	http://www.revista-dechimie.ro/pdf/BOGATU%20L.pdf%208%2013.pdf 1.412
6.8		Title: CARBON NANOWALLS AS SUITABLE LAYERS FOR LUBRICITY IMPROVEMENT Author(s):: Vizireanu, S.; Stoyanova, A. Lazea; Filipescu, M.; et al. Source: DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES Volume: 8 Issue: 3 Pages: 1145-1156 Published: JUL-SEP 2013	http://chalcogen.ro/1145_Vizireanu.pdf 0.673
6.9		Title: Analysis of Tribological behavior of carbon nanotube based industrial mineral gear oil 250 cSt viscosity Authors of Document Bhaumik, S., Prabhu, S., Singh, K.J. Year the Document was Publish 2014 Source of the Document Advances in Tribology ISSN:1687-5915 341365	http://www.scopus.com/source/sourceInfo.url?sourceId=19600161813&origin=recordpage 0
6.10		Effect of Nanoparticles on Thermal Properties Enhancement in Different Oils - A Review Author(s):: Sridhara, V.; Satapathy, L. N. CRITICAL REVIEWS IN SOLID STATE AND MATERIALS SCIENCES Volume: 40 Issue: 6 Pages: 399-424 Published: NOV 2 2015, ISSN: 1040-8436	DOI: 10.1080/10408436.2015.1068159 5.656
6.11		An Investigation on Tribological Properties and Lubrication Mechanism of Graphite Nanoparticles as Vegetable Based Oil Additive By: Su, Yu; Gong, Le; Chen, Dandan JOURNAL OF NANOMATERIALS Article Number: 276753 Published: 2015	DOI: 10.1155/2015/276753 2.207
6.12		Graphene based nanofluids and nanolubricants - Review of recent developments By: Rasheed, AK (Rasheed, A. K.) ^[1] ; Khalid, M (Khalid, M.) ^[1] ; Rashmi, W (Rashmi, W.) ^[2] ; Gupta, TCSM (Gupta, T. C. S. M.) ^[3] ; Chan, A (Chan, A.) ^[4] RENEWABLE & SUSTAINABLE ENERGY REVIEWS Volume: 63 Pages: 346-362 Published: SEP 2016	DOI: 10.1016/j.rser.2016.04.072 9.184
6.13		Enhancing lubricant properties by nanoparticle additives By: Shahnazar, S (Shahnazar, Sheida) ^[1] ; Bagheri, S (Bagheri, Samira) ^[1] ; Abd Hamid, SB (Abd Hamid, Sharifah Bee) ^[1] View ResearcherID and ORCID INTERNATIONAL JOURNAL OF HYDROGEN ENERGY Volume: 41 Issue: 4 Pages: 3153-3170 Published: JAN 30 2016	DOI: 10.1016/j.ijhydene.2015.12.040 4.229
6.14		Analyses of anti-wear and extreme pressure properties of castor oil with zinc oxide nano friction modifiers By: Bhaumik, Shubrajit ; Magqirwar, Rishabh ; Datta,	https://apps.webofknowledge.c

		<p>Shubhabrata; et al. Conference: 4th International Conference on Nanoscience and Nanotechnology (ICONN) Location: SRM Inst Sci & Technol, Chennai, INDIA Date: AUG 09-11, 2017 Sponsor(s): Shizuoka Univ; GNS New Zealand; Natl Chiao Tung Univ; Atomistix Toolkit & Virtual Nanolab; Alfatech Serv Profile; Alfatech Serv; Ape Res Nanotechnol; HHV Bangalore; SCIA Syst; Spectrum Sci Co; Bio Log Sci Instruments; HORIBA Sci; Hysitron; SISCO; Proc Equip; SAM Elect; Sinsil Int; Keithley India; Tci Chem Pvt Ltd; Antslab; Quantumwise; Apexicindia; Keysight; Aarjay; Hewlett Packard Enterprise; Solaris; Synergy Sci APPLIED SURFACE SCIENCE Volume: 449 Special Issue: SI Pages: 277-286 Published: AUG 15 2018</p>	<p>om/full_record.do?product=UA&search_mode=CitingArticles&qid=31&SID=F2j8Uum72rvh5ItiMx2&page=1&doc=1&cacheurlFromRightClick=no 4.439</p>
6.15		<p>Experimental Investigations to Enhance the Tribological Performance of Engine Oil by Using Nano-Boric Acid and Functionalized Multiwalled Carbon Nanotubes: A Comparative Study to Assess Wear in Bronze Alloy By: Vardhaman, B. S. Ajay; Amarnath, M.; Ramkumar, J.; et al. Conference: International Conference on Emerging Trends in Nanoscience and Nanotechnology (ICETINN) Location: Sikkim Manipal Inst Technol, Majitar, INDIA Date: MAR 16-18, 2017 JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE Volume: 27 Issue: 6 Special Issue: SI Pages: 2782-2795 Published: JUN 2018</p>	<p>https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=34&SID=F2j8Uum72rvh5ItiMx2&page=1&doc=2&cacheurlFromRightClick=no 1.34</p>
6.16		<p>Influence of carbon nanotube on the tribological properties of vegetable-based oil By: Su, Yu; Tang, Zhengcheng; Wang, Guicheng; et al. ADVANCES IN MECHANICAL ENGINEERING Volume: 10 Issue: 5 Article Number: 1687814018778188 Published: MAY 23 2018</p>	<p>https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=39&SID=F2j8Uum72rvh5ItiMx2&page=1&doc=3&cacheurlFromRightClick=no 0.848</p>
6.17		<p>Effective lubricant additive of nano-Ag/MWCNTs nanocomposite produced by supercritical CO2 synthesis By: Meng, Yuan; Su, Fenghua; Chen, Yangzhi TRIBOLOGY INTERNATIONAL Volume: 118 Pages: 180-188 Published: FEB 2018</p>	<p>https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=39&SID=F2j8Uum72rvh5ItiMx2&page=1&doc=4&cacheurlFromRightClick=no</p>

			o 3.246
6.18		<p><u>LUBRICATING PERFORMANCE OF CARBON NANOTUBES IN INTERNAL COMBUSTION ENGINES - ENGINE TEST RESULTS FOR CNT ENRICHED OIL</u> By: Kaluzny, Jaroslaw; Merkisz-Guranowska, Agnieszka; Giersig, Michael; et al. INTERNATIONAL JOURNAL OF AUTOMOTIVE TECHNOLOGY Volume: 18 Issue: 6 Pages: 1047-1059 Published: DEC 2017</p>	<p>https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=43&SID=F2j8Uum72rvh5ItiMx2&page=1&doc=7 1.264</p>
6.19		<p><u>Analyses of Tribological Properties of Castor Oil With Various Carbonaceous Micro- and Nano-Friction Modifiers</u> By: Bhaumik, Shubrajit; Datta, Shubhabrata; Pathak, S. D. JOURNAL OF TRIBOLOGY-TRANSACTIONS OF THE ASME Volume: 139 Issue: 6 Article Number: 061802 Published: NOV 2017</p>	<p>https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=46&SID=F2j8Uum72rvh5ItiMx2&page=1&doc=8&cacheurlFromRightClick=no 1.787</p>
6.20		<p><u>Relative anti-wear property evaluation of nano garnet gear lubricant</u> By: Maheswaran, R.; Sunil, J. INTERNATIONAL JOURNAL OF SURFACE SCIENCE AND ENGINEERING Volume: 11 Issue: 4 Pages: 320-343 Published: 2017</p>	<p>https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=50&SID=F2j8Uum72rvh5ItiMx2&page=1&doc=9&cacheurlFromRightClick=no 0.841</p>
6.21		<p><u>Cheap nano-clay additive as a lubricating enhancer</u> By: Rebis, J.; Frydrych, J.; Skibinski, J.; et al. JOURNAL OF POWER TECHNOLOGIES Volume: 97 Issue: 2 Pages: 103-109 Published: 2017</p>	<p>https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=54&SID=F2j8Uum72rvh5ItiMx2&page=1&do</p>

			c=10&cacheurlFromRightClick=no 0
		Σ FI articol 6= 49.863 C1 articol 6= 21 C articol 6= 70.863	
7.1	Title: TRIBOLOGICAL BEHAVIOUR OF BRAKE BANDS Author(s): Ripeanu, R. G.; Ispas, V.; Ispas, D. Source: Journal of the Balkan Tribological Association Volume: 18 Issue: 1 Pages: 28-35 Published: 2012	Title: The Evaluation of Braking Performances of Mechanical Brake System on Oil Rig Author(s): Wang, Yu; Lin, Li Source: JOURNAL OF ADVANCED MECHANICAL DESIGN SYSTEMS AND MANUFACTURING Volume: 7 Issue: 2 Pages: 195-204 Published: 2013	http://dx.doi.org/10.1299/jamdsm.7.195 0.503
7.2		EFFECT OF FIBRE REINFORCEMENT ON TRIBOLOGICAL PERFORMANCES OF HYBRID FRICTION COMPOSITES By: Manoharan, S.; Ramadoss, G.; Suresha, B.; et al. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 21 Issue: 3 Pages: 525-538 Published: 2015	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitingArticles&qid=50&SID=U2di8Yq7N7FqsT7RlbC&page=1&doc=1 0.737
7.3		SIMULATION OF FRICTION BETWEEN CABLE AND SUBWIRE TUBE IN SADDLE TYPE ANCHORAGE OF LOW-TOWER CABLE-STAYED BRIDGE By: Niu, Yanwei; Rong, Shuai; Qu, Xiaoxiao; et al. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 21 Issue: 4A Pages: 1087-1099 Published: 2015	https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=66&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=2&cacheurlFromRightClick=no 0.737
7.4		FEATURE EXTRACTION AND PATTERN RECOGNITION ON THE FRICTIONAL FAULTS OF DISC BRAKE By: Yin, Yan; Xiao, Xingming; Bao, Jiusheng; et al. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 2 Pages: 1208-1227 Part: 1 Published: 2016	https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=66&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 0.737
7.5		CARRYING ABILITY OF ASSEMBLY USING THE CLOSING BRACELET By: Grigore N; Nae I. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 3A Pages: 3587-3585 Part: 1 Published: 2016	https://www.scopus.com/authid/detail.uri?authorid=24067665900 ; http://scibulcom.net/ 0
7.6		FEATURE EXTRACTION AND PATTERN RECOGNITION ON	https://www.scopus.com/

		THE FRICTIONAL FAULTS OF DISC BRAKE By: Yin Y; Xiao X; Bao J; Li Z; Lu Y. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 2 Pages: 1220-1233 Part: 1 Published: 2016	s.com/authorid/detail.uri?authorid=24067665900;http://scibulcom.net/ 0
		Σ FI articol 7= 2.714 C1 articol 7= 6 C articol 7= 8.714	
8.1	Title: ENVIRONMENTAL FRIENDLY THREAD COMPOUNDS FOR CASING, TUBING AND LINE PIPE Author(s): Florea, O; Luca, M; Ripeanu, RG Source: Journal of the Balkan Tribological Association Volume: 15 Issue: 2 Pages: 292-297 Published: 2009 Volume: 15 Issue: 2 Pages: 292-297 Published: 2009	Title: Behaviour of some anti-friction coatings powders on lubricating greases for special work conditions Authors of Document Florea, O., Marin, A.-G., Matei, V. Year the Document was Publish 2014 Source of the Document Tribologie und Schmierungstechnik 61 (1), pp. 29-35	http://www.scopus.com/record/display.uri?eid=2-s2.0-84904281787&origin=resultslist&sort=plf-f&cite=2-s2.0-68149092540&src=s&imp=t&sid=A80C2B14FF5A74D844273710646FE792.iqs8TDG0WY6BURhzD3nFA%3a1260&sot=cite&sdt=a&sl=0&relpos=0&relpos=0&citeCnt=0&searchTerm= 0
8.2		Influence of Additives on Antiwear and Extreme Pressure Behaviour of the Vegetable Oils By: Bogatu, Liana; Dragomir, Raluca Elena REVISTA DE CHIMIE Volume: 67 Issue: 4 Pages: 630-633 Published: APR 2016	https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitingArticles&qid=127&SID=F2j8Uum72rvh5l1iMx2&page=1&doc=1&cacheurlFromRightClick=no 1.412
		Σ FI articol 8= 1.412 C1 articol 8= 2 C articol 8= 3.412	
9.1	ESTABLISHING THE TRIBOLOGICAL BEHAVIOUR OF HVOF HARDFACING APPLIED AT PETROLEUM GATE VALVES By: Caltaru, M.; Badicioiu, M.; Ripeanu, R. G. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 19 Issue: 3 Pages: 448-460 Published: 2013	A COMPARATIVE STUDY OF HARDFACING TECHNOLOGIES APPLIED FOR INCREASING THE WEAR RESISTANCE OF MUD PUMP VALVES By: Iancu, M. B.; Ulmanu, V.; Hadar, A. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 2 Pages: 1228-1240 Part: 1 Published: 2016	http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitingArticles&qid=56&SID=C556cbcFvef41ocT7T6&page=1&doc=1&cacheurlFromRightClick=no 0.737
		Σ FI articol 9= 0.737 C1 articol 9= 1 C articol 9= 1.737	

10.1	RECONDITIONING OF DRILL COLLARS BY USING WELDING TECHNOLOGIES By: Ripeanu, R. G.; Badicioiu, M.; Caltaru, M. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 21 Issue: 2 Pages: 314-328 Published: 2015	RESEARCHES REGARDING THE HARDFACING TECHNOLOGIES OF MUD PUMP VALVE SEATS APPLIED FOR INCREASING THE EROSION WEAR RESISTANCE By: Iancu, M. B.; Ulmanu, Vi.; Hadar, A. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 3 Pages: 2320-2334 Part: 1 Published: 2016	https://apps.webofknowledge.com/fu/ll_record.do?product=WOS&search_mode=CitingArticles&qid=127&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 0.737
10.2		INVESTIGATIONS ON THE MUD PUMPS VALVES REPAIR USING HARD METAL DEPOSITING BY WELDING By: Badicioiu, Marius; Caltaru, Mihaela; Teodoru, Catalin; et al. Conference: 37th ASME International Conference on Ocean, Offshore and Arctic Engineering Location: Madrid, SPAIN Date: JUN 17-22, 2018 Sponsor(s): ASME, Ocean Offshore & Arct Engr Div PROCEEDINGS OF THE ASME 37TH INTERNATIONAL CONFERENCE ON OCEAN, OFFSHORE AND ARCTIC ENGINEERING, 2018, VOL 8 Book Series: Proceedings of the ASME International Conference on Ocean Offshore and Arctic Engineering Article Number: V008T11A033 Published: 2018	https://apps.webofknowledge.com/fu/ll_record.do?product=UA&search_mode=CitingArticles&qid=27&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1 0
			Σ FI articol 10= 0.737 C1 articol 10= 2 C articol 10= 2.737
11.1	STUDIES AND RESEARCH ON THE ELECTRICAL RESISTANCE OF THE POLYETHYLENE INSULATION USED FOR THE CHEMICAL PROTECTION OF THE STEEL PIPELINES INTENDED FOR THE NATURAL GAS DISTRIBUTION By: Filip, Stefan Mihai; Ripeanu, Ravan George; Avrigan, Eugen MATERIALE PLASTICE Volume: 54 Issue: 1 Pages: 63-66 Published: MAR 2017	The Thermooxidation and Resistance to Moulds Action of Some Polyethylene Sorts Used at Anticorrosive Insulation of the Underground Pipelines By: Bors, Adriana Mariana; Butoi, Nicoleta; Caramitu, Alina Ruxandra; et al. MATERIALE PLASTICE Volume: 54 Issue: 3 Pages: 447-452 Published: SEP 2017	https://apps.webofknowledge.com/fu/ll_record.do?product=WOS&search_mode=CitingArticles&qid=21&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 1.248
			Σ FI articol 11= 1.248 C1 articol 11= 1 C articol 11= 2.248
12.1	MECHANICAL, CORROSION AND BIOLOGICAL PROPERTIES OF ROOM-TEMPERATURE SPUTTERED ALUMINUM NITRIDE FILMS WITH DISSIMILAR NANOSTRUCTURE By: Besleaga, Cristina; Dumitru, Viorel; Trinca, Liliana Marinela; et al. Nanomaterials (Basel, Switzerland) Volume:	Substrate Temperature Dependent Properties of Sputtered AlN:Er Thin Film for In-Situ Luminescence Sensing of Al/AIN Multilayer Coating Health By: Fang, Liping; Jiang, Yidong; Zhu, Shengfa; et al. MATERIALS Volume: 11 Issue: 11 Article Number: 2196 Published: NOV 2018	https://apps.webofknowledge.com/fu/ll_record.do?product=WOS&search_mode=CitingArticles&qid=7&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 2.467
12.2		Reactive Sputtering of Aluminum Nitride (002) Thin Films for Piezoelectric Applications: A Review	https://apps.webofknowledge.com/fu/ll_record.do?product=WOS&search_mode=CitingArticles&qid=7&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 2.467

	7 Issue: 11 Published: 2017 Nov 17	By: Iqbal, Abid ; Mohd-Yasin, Faisal SENSORS Volume: 18 Issue: 6 Article Number: 1797 Published: JUN 2018	https://apps.webofknowledge.com/fu/record.do?product=WOS&search_mode=CitingArticles&qid=10&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=2&cacheurlFromRightClick=no 2.475
12.3		The influence of metallization on resonance frequency and temperature sensitivity of GHz operating III-Nitride SAW based sensor structures By: Mueller, A. ; Nicoloiu, A. ; Dinescu, A. ; et al. Conference: IEEE/MTT-S International Microwave Symposium Location: Philadelphia, PA Date: JUN 10-15, 2018 Sponsor(s): IEEE; MTT-S; RFIC; ARFTG; IMBIO; IMS 2018 IEEE/MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM - IMS Book Series: IEEE MTT-S International Microwave Symposium Pages: 938-941 Published: 2018	https://apps.webofknowledge.com/fu/record.do?product=WOS&search_mode=CitingArticles&qid=13&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=3&cacheurlFromRightClick=no 0
		\sum FI articol 12= 4.942 C1 articol 12= 3 C articol 12= 7.942	
13.1	AUSTENITIC STAINLESS STEEL TYPE AISI 316L CORROSIVE BEHAVIOUR IN HAIR SHAMPOO MEDIUM By: Ripeanu, R. G. ; Ispas, V. ; Ispas, D. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 18 Issue: 1 Pages: 36-43 Published: 2012	PERFORMANCE STUDY OF MEDIUM CARBON STEEL AND AUSTENITIC STAINLESS STEEL JOINTS: FRICTION WELDING PROCESS By: Mathiazhagan, N. ; Kumar, T. Senthil ; Balasubramanian, V. ; et al. OXIDATION COMMUNICATIONS Volume: 38 Issue: 4A Special Issue: SI Pages: 2123-2134 Published: 2015	https://apps.webofknowledge.com/fu/record.do?product=UA&search_mode=CitingArticles&qid=71&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 0.489
		\sum FI articol 13= 0.489 C1 articol 13= 1 C articol 13= 1.489	
14.1	NITRIDING TECHNOLOGIES USING PROCESS SENSORS IN VIEW OF OBTAINING OF RESISTANT LAYERS AGAINST CORROSION AND WEAR By: Dragomir, D. ; Cojocaru, M. ; Alexa, M. ; et al. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 16 Issue: 1 Pages: 80-87 Published: 2010	A COMPARATIVE STUDY OF HARDFACING TECHNOLOGIES APPLIED FOR INCREASING THE WEAR RESISTANCE OF MUD PUMP VALVES By: Iancu, M. B. ; Ulmănu, V. ; Hadar, A. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 2 Pages: 1228-1240 Part: 1 Published: 2016	https://apps.webofknowledge.com/fu/record.do?product=UA&search_mode=CitingArticles&qid=90&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 0.737
		\sum FI articol 14= 0.737 C1 articol 14= 1 C articol 14= 1.737	
15.1	SOME ASPECTS CONCERNING THE EXPERIMENTAL DETERMINATION METHODOLOGY FOR THE	Tribo-thermal fatigue of the steel used for the forging die construction By: Drumeanu, A. C. Conference: 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 2016	https://apps.webofknowledge.com/fu/record.do?product=UA&search_mode=CitingArticles

	<p><u>NON-ISOTHERMAL CYCLIC DURABILITY OF THE MACHINE STEELS</u> By: Drumeanu, A. C.; Antonescu, N. N.; Ripeanu, R. G. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 16 Issue: 3 Pages: 315-328 Published: 2010</p>	<p>Sponsor(s): Univ Galati, Dunarea Jos; Romanian Tribol Assoc; SC Etansari Grafex SRL; S.C. TOTAL LUBRICANTS ROMANIA S.A.; SC NASDIS Consulting SRL; Nanomechan Inc; SC TECHNO VOLT SRL; SC RO MEGA CONTROL SRL; SC MECRO SYSTEM SRL; Gamax Lab Solut Ltd; SC Sartorom Impex SRL; TTZH Tribologie & Hochtechnologie GmbH; Nanovea Inc; SC HISTERESIS SRL; SC NavGAL PROFESSIONAL TEAM SRL; Ducom Instruments Europe B V; SC BRD Groupe Soc Generale SA 13TH INTERNATIONAL CONFERENCE ON TRIBOLOGY (ROTRIB'16) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 174 Article Number: UNSP 012047 Published: 2017</p>	<p>es&qid=91&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 0</p>
15.2		<p><u>EFFECT OF ULEXITE AND CASHEW ON THE WEAR AND FRICTION CHARACTERISTICS OF AUTOMOTIVE BRAKE PAD</u> By: Sugoza, I.; Mutlu, I.; Keskin, A. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 1A Special Issue: SI Pages: 566-578 Part: 1 Published: 2016</p>	<p>https://apps.webofknowledge.com/fu/ll_record.do?product=UA&search_mode=CitingArticles&qid=91&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=2&cacheurlFromRightClick=no 0.737</p>
		<p>Σ FI articol 15= 0.737 C1 articol 15= 2 C articol 15= 2.737</p>	
16.1	<p><u>METALLIC ELEMENT DESIGN OF TRIBO-THERMAL STRESSED DRY FRICTION COUPLES</u> By: Drumeanu, A. C.; Ripeanu, R. G. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 16 Issue: 3 Pages: 362-372 Published: 2010</p>	<p><u>EFFECT OF ULEXITE AND CASHEW ON THE WEAR AND FRICTION CHARACTERISTICS OF AUTOMOTIVE BRAKE PAD</u> By: Sugoza, I.; Mutlu, I.; Keskin, A. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 1A Special Issue: SI Pages: 566-578 Part: 1 Published: 2016</p>	<p>https://apps.webofknowledge.com/fu/ll_record.do?product=UA&search_mode=CitingArticles&qid=93&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 0.737</p>
		<p>Σ FI articol 16= 0.737 C1 articol 16= 1 C articol 16= 1.737</p>	
17.1	<p><u>TRIBOLOGICAL BEHAVIOUR OF TiSiN/Ti AND TiSiN/Cu MULTILAYER COATINGS</u> By: Tudor, I.; Popescu, A.; Ripeanu, R. G.; et al. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 15 Issue: 2 Pages: 156-162 Published: 2009</p>	<p><u>CONSIDERATIONS ON THE WEARING OF CUTTING TOOLS MADE OF SYNTHESIZED METALLIC CARBIDES</u> By: Nae, I.; Ionescu, G. Cristina; Ionescu, O. Narcis; et al. JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 1A Special Issue: SI Pages: 592-604 Part: 1 Published: 2016</p>	<p>https://apps.webofknowledge.com/fu/ll_record.do?product=UA&search_mode=CitingArticles&qid=119&SID=F2j8Uum72rvh5ltiMx2&page=1&doc=1&cacheurlFromRightClick=no 0.737</p>
		<p>Σ FI articol 17= 0.737 C1 articol 17= 1 C articol 17= 1.737</p>	
18.1	<p><u>CORROSIVITY OF SOME LUBRICATING SOLUTIONS BASED ON ORGANIC</u></p>	<p><u>STUDY ON INFLUENCE FACTORS OF THE TRIBOLOGICAL PROPERTY OF POLYTETRAFLUOROETHYLENE (PTFE) FILLED WITH CARBON FIBER</u></p>	<p>https://www.scopus.com/authid/detail.uri?authorid=240</p>

	POLYMERS By: Drumeanu, A. C.; Ripeanu, R. G. Journal of the Balkan Tribological Association Volume: 21 Issue: 1 Pages: 211-221 Published: 2015	By: Tian S; Zhou Z JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 4 Pages: 3836-3843 Part: 1 Published: 2016	67665900; http://scibulcom.n et/ 0
18.2		TRIBOLOGICAL PROPERTIES OF POLYMER MATERIALS IN CONSTRUCTION ENGINEERING By: Chunyan Y JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 4 Pages: 3870-3875 Part: 1 Published: 2016	https://www.scopus.com/authid/detail.uri?authorId=24067665900; http://scibulcom.n et/ 0
			Σ FI articol 18= 0 C1 articol 18= 2 C articol 18= 2
19.1	Review above Applying Active Anode Protection at Some Dynamic Petroleum Equipment's in Order to Reduce Wear By: Ripeanu, Razvan George; Ispas, Vasile; Ispas, Dorina FME TRANSACTIONS Volume: 43 Issue: 3 Pages: 198-205 Published: 2015	SYNTHESIS CHARACTERIZATION AND APPLICATION BY HVOF OF A WCCO/CR/NICR NANOCOMPOSITE A PROTECTIVE COATING AGAINST EROSION WEAR By: Giaglianoni W. C.; Cunha M.A; Bergmann C.P; Fragassa C; Pavlovic A Tribology in Industry Volume: 40 Issue: 3 Pages: 477-487 Published: 2018 DOI: 10.24874/ti.2018.40.03.1	http://www.tribology.rs/journals/2018/2018-3/13.pdf 0
			Σ FI articol 19= 0 C1 articol 19= 1 C articol 19= 1
Total puncte din citari indicator C: C=71.927+29.169+46.039+58.213+3.346+70.863+8.714+3.412+1.737+2.737+2.248+7.942+1.484+1.737+2.737+1.737+1.737+2+1=318.779			

1: se consideră numai citările în publicațiile acceptate pentru fiecare domeniu din OM nr. 6129/2016 privind aprobarea standardelor minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare-dezvoltare.

2: Pentru un articol publicat în revistă se precizează: autorii, titlul lucrării, titlul revistei, anul, volumul, numărul, pagina la care începe articolul și pagina la care se termină articolul (ex. p. 35-42), ISSN.

Pentru un articol publicat în volum se precizează: autorii, titlul lucrării, titlul volumului care include numele manifestării științifice, anul și luna, localitatea, țara, pagina la care începe articolul și pagina la care se termină articolul (ex. p. 35-42), ISSN/ISBN.

Pentru un brevet se precizează: autorii, titlul brevetului, instituția care l-a acordat și țara în care se află instituția, data acordării brevetului.

OBS: Deoarece baza de date SCOPUS la data completării raportului prezenta probleme tehnice un am inclus decât o parte din citările din aceasta bază <https://www.scopus.com/authid/detail.uri?authorId=24067665900> . Factorii de impact WOS sunt cei de la data completării (din 2017 pentru 2018) <http://www.researcherid.com/rid/F-8806-2010> .

22.12.2018

Prof.dr.ing.habil. Răzvan George Ripeanu