**UNIVERSITATEA POLITEHNICA DIN BUCUREŞTI**
**FIŞA SINTETICA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE PENTRU ABILITARE**
**Domeniul: INGINERIE INDUSTRIALĂ (Comisia 16)**

**Prof.univ.dr.ing.: Catalin Gheorghe AMZA**
**Departamentul Ingineria Calitatii si Tehnologii Industriale, Facultatea de Inginerie Industriala si Robotica**

| **Condiţii** | **Îndeplinire condiţii** | | **Punctaj** |
|---|---|---|---|
| **A. Doctor** | Atestat seria F nr 0000600 din 28.05.2003 pentru diploma de doctor obtinuta in Marea Britanie (emis de Ministerul Educatiei si Cercetarii) | | - |
| **B. Îndeplinirea standardelor minime naţionale conform OM 6129/20.12.2016 [Susţinere abilitare, Domeniul Inginerie industrială, Comisia CNATDCU nr. 16]** | Standarde îndeplinire, conform Comisiei CNATDCU Nr. 16 - **COMISIA INGINERIE INDUSTRIALĂ ŞI MANAGEMENT**<br>Anexată : Fişa de calcul şi de susţinere a îndeplinirii standardelor minimale specifice domeniului, în acord cu realizările menţionate : | | |
| **Condiţii minimale [Punctaj]** | **Minim prevăzut** | **Realizat** | |
| A1. Activitatea didactică şi profesională | **130** | **571,18** | |
| A2. Activitatea de cercetare | **300** | **1442,64** | |
| A3. Recunoaşterea şi impactul activităţii | **100** | **1131,06** | |
| **TOTAL A** | **530** | **3144,89** | |
| **Condiţii minimale obligatorii pe subcategorii** | **Minim prevăzut** | **Realizat** | |
| 1.1.1 Cărți/manuale/monografii/ capitole de specialitate ca autor | Minimum 2 ca prim autor | **14 din care 11 ca prim autor** | **145,35** |
| 1.1.2 Cărți ca editor | | | |
| 1.2.1 Suporturi de curs/ Îndrumare | Minimum 4 din care 2 prim autor | **16 din care 14 ca prim autor** | **60,83** |
| 1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă | | | **90** |
| 1.4 Dezvoltare de noi discipline (se punctează o singură dată în cazul multiplicării lor în programe de studii diferite) | | | **70** |
| 1.5 Proiecte educaționale (ERASMUS, Leonardo etc.) | | | **205** |
| **A**2.1 Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date | De la ultima promovare Minimum 8 articole, din care 3 în reviste, minimum 3 ca autor principal, pentru Profesor Pentru profesor și CS1, începând din 2018 -minimum 1 articol în reviste din zona roșie sau galbenă | **35 din care 17 in reviste si 18 in Proceedings**<br>**1 articol zona rosie Q1**<br>**2 articole zona galbena Q2** | **330,56** |
| 2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale | De la ultima promovare Minimum 8 pentru profesor; | **15** | **78,14** |
| 2.3 Articole în extenso în reviste/ volumele unor manifestări științifice naționale/ internaționale neindexate<br>Se admit max. două articole la aceeași ediție | | | **4** |
| 2.4 Proprietate intelectuală, brevete de invenție și inovație, etc. | | | **23,19** |

Numele si prenumele Catalin Gheorghe Amza Semnatura .....

| | | | |
|---|---|---|---|
| 2.5 Granturi/proiecte câștigate prin competiție sau contracte cu mediul socio-economic (în valoare de minimum 25000 lei, (justificată cu documente care să ateste încasarea sumei) | | | **811,75** |
| 2.5.1 Director/ Responsabil | Director/ Responsabil - Minimum 2D sau 4R pentru Profesor | | |
| 2.5.1.1 internaționale | | **5 D**<br>**7 R** | |
| 2.5.1.2 naționale | | **4 D** | |
| 2.5.2 Membru în echipă | | **19** | |
| 2.5.2.1 internaționale | | **6** | |
| 2.5.2.2 naționale | | **13** | |
| 2.6 Coordonare/dezvoltare laborator/centru cercetare (dacă laboratorul este și didactic, punctajul se ia în calcul o singură dată) | | | **200** |
| 3.1 Vizibilitate în baze de date internaționale | Număr de citări în publicații (fără autocitări) | | **166,94** |
| 3.2 Prezentări efectuate ca invitat/invitată în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv Erasmus) | | | **40** |
| 3.3 (a) Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice/(b) Recenzent pentru reviste și manifestări științifice naționale și internaționale indexate ISI | | | **187** |
| 3.4 Experiență de management, analiză și evaluare în cercetare și/sau învățământ | | | **118,12** |
| 3.5 Premii | | | **610** |
| 3.6 Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării | | | **9** |
| **C. Atestarea studiilor (diplomă + Foi Matricole) şi a altor realizări profesionale** | . ***DIPLOMA DE INGINER*** în profilul Siinta Sistemelor si a calculatoarelor, specializarea Calculatoare, Nr. 30/1998, emisă de Universitatea Politehnica din București, Facultatea Automatica si Calculatoare. FOAIE MATRICOLĂ nr. R0003405/1998. ***DIPLOMA DE MASTER*** în profilul Calculatoare, specializarea Human Computer Systems, emisă de De Montfort University, Leicester, United Kingdom, 24.09.1999. | | |

Numele si prenumele Catalin Gheorghe Amza Semnatura .....

**Domeniul Fundamental: ŞTIINŢE INGINEREŞTI**
**Domeniul de Studii Universitare: INGINERIE INDUSTRIALĂ**
**Comisia CNATDCU [nr/denumire]: 16. INGINERIE INDUSTRIALĂ ŞI MANAGEMENT**

**Fişa de calcul şi de susţinere a îndeplinirii standardelor minimale**
**Condiţii Minimale pentru Abilitare**
**[conf. OM 6129/20.12.2016]**
**Prof.dr.ing. Catalin Gheorghe Amza**

| **1.1. 1.1 Cărţi/manuale/monografii/ capitole în cărţi de specialitate** | | | | | |
|---|---|---|---|---|---|
| 1.1.1 Cărţi/manuale/monografii/ capitole de specialitate ca autor Profesor minimum 2 prim autor; | | Pagini | Nr. autori | Total | Anul |
| 1.1.1.1 Internationale | | | | | |
| **1** | Amza, C.G., Borg, J.C., Lenkevicius, A., ECDL CAD sertifikavimas, Isleido leidkykla "Technologija", Kaunas, Lithuania, 2007, ISBN 978-9955-25-250-4 – 234 pag | 234 | 3 | 15,60 | 2007 |
| 1.1.1.2 Nationale (edituri recunoscute) | | | | | |
| 1 | RADU Constantin., AMZA Catalin Gheorghe., Proiectare 3D, Indrumar de laborator, Editura Printech, 2017. ISBN-978-606-23-0738-7/pag. 158., Ed. recunoscuta CNCSIS cu codul 54 | 158 | 2 | 7,90 | 2017 |
| 2 | Chicioreanu, T.D., Popescu D., Amza C.G., Realitate augmentata si printare 3D, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, ISBN 978-606-23-0650-2, Bucuresti, 2016 | 206 | 3 | 6,87 | 2016 |
| 3 | Chicioreanu, T.D., Popescu D., Amza C.G., Augmented reality and 3D printing for technical entrepreneurship, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, ISBN 978-606-23-0651-9, Bucuresti, 2016 | 206 | 3 | 6,87 | 2016 |
| 4 | Amza, C.G., Borg, J., Chicioreanu, T.., Danielene, R., Francalanza, E., Muresan M., Negrea P.A. – Realitate augmentata pentru antreprenori, Bucuresti, 2015, Ed. Printech Recunoscuta CNCSIS cu codul 54, ISBN 978-606-23-0500-0, 197 pagini | 197 | 7 | 2,81 | 2015 |
| 5 | Amza, C.G., Borg, J., Chicioreanu, T.., Danielene, R., Francalanza, E., Muresan M., Negrea P.A. – Augmented reality for technical entrepreneurs, Bucuresti, 2015, Ed. Printech Recunoscuta CNCSIS cu codul 54, ISBN 978-606-23-0501-7, 191 pagini | 191 | 7 | 2,73 | 2015 |
| 6 | Amza, C.G., Cicic, D.T., Anania, F.D., Popescu, D., Metode de evaluare a calitatii produselor industriale, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, Bucuresti, 2013, 273 pg., ISBN 978-606-521-986-1 | 273 | 4 | 6,83 | 2013 |
| 7 | Amza, C.G., Balaceanu, M. A., @Internet, Editura Printech 2010, ISBN 978-606-521-529-0, 273 pagini | 273 | 2 | 13,65 | 2010 |
| 8 | Amza, C.G, Radu, C., Tasca, G., Proiectare si manufacturare asistata de calculator (CAD-CAM). Aplicatii: AutoCAD si SolidWorks, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, 2010, ISBN 978-606-521-571-9, 504 pagini | 504 | 3 | 16,80 | 2010 |
| 9 | Amza, C.G., Borg, J.C., Dulinskas, D., Radu, C., Training for ECDL CAD 3D Certification, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, 2010, ISBN 978-606-521-517-7, 212 pag | 212 | 4 | 5,30 | 2010 |
| 10 | Amza, G., Amza, C.G., Dezvoltare durabila si protectia mediului, Editura Printech, Bucuresti, 2008, Ed. recunoscuta CNCSIS cu codul 54, ISBN 978-606-521-030-1, 230 pagini | 230 | 2 | 11,50 | 2008 |
| 11 | Amza, C.G., Borg, J.C., Lenkevicius, A., Instruire pentru certificarea ECDL CAD, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, Bucuresti, 2007, ISBN 978-973-718-668-3, 243 pag<br>Amza, C.G., Borg, J.C., Lenkevicius, A., Training for ECDL CAD certification, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, Bucuresti, ISBN 978-973-718-668-3, pp.244, 2007 | 243 | 3 | 8,10 | 2007 |
| 12 | Amza, C.G., Radu, C., Autocad 2D si 3D, Editura Bren, Ed. recunoscuta CNCSIS cu codul 96, 2005, 208 pag | 208 | 2 | 10,40 | 2005 |
| 13 | Amza, G, Rindasu, V., Amza, C.G., Tratat de tehnologia materialelor, Editura Academiei Romane, Ed. recunoscuta CNCSIS, Bucuresti 2003, (capitolul 10), ISBN 973-27-0910-3, 900 pag | 900 | 3 | 30,00 | 2003 |
| | | | | | |
| **Total 1.1.1** | | | | 145,35 | |
| 1.1.2 Cărţi ca editor | | Pagini | Nr. editori | Total | |
| 1.1.2.1 Internationale | | | | | |
| 1.1.1.2 Nationale | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| | | | | 0,00 | |
| **Total 1.1.2** | | | | 0,00 | |
| **Total 1.1** | | | | **145,35** | |
| **1.2 Alte materiale didactice – inclusiv în format electronic (pentru format electronic - echivalent format A4 text fără figuri cu minimum 3200 caractere inclusiv spații)** | | | | | |
| 1.2.1 Suporturi de curs/ Îndrumare Profesor: Minimum 4 din care 2 prim autor | | Pagini | Nr. autori | Total | |
| **1** | Amza, C.G., Petrescu, H., Tasca, G., Pagini web pentru ingineri, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, ISBN 978-606-23-0398-3, 321 pagini, 2015 | 321 | 3 | 5,35 | 2015 |
| **2** | Amza, C.G., Nitoi D.F, Anania, D., F., Fabricare asistata de calculator, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, ISBN 978-606-23-0399-0, 252 pagini, 2015 | 252 | 3 | 4,20 | 2015 |
| **3** | Amza, C.G., Cicic, D.T., Rontescu C., Tudose, D., Procesare texte si imagini, Editura Printech 2014, Ed. recunoscuta CNCSIS cu codul 54, ISBN 978-606-23-0242-9, 182 pag | 182 | 4 | 2,28 | 2015 |
| **4** | Amza, C.G., Cicic, D.T., Rontescu C., Vlasceanu, D., Calculatoare electronice si retele, Editura Printech 2014, Ed. recunoscuta CNCSIS cu codul 54, ISBN, 301 pag | 301 | 4 | 3,76 | 2014 |
| **5** | Amza, C.G, Chicioreanu T., Tasca, G., Spanu P., Petrescu H., Operator Introducere, prelucrare si validare date, Editura Printech, Bucuresti, Ed. recunoscuta CNCSIS cu codul 54, 2014, ISBN 978-606-23-0288-7, 420 pagini | 420 | 5 | 4,20 | 2014 |
| **6** | Amza, C.G., Baciu, F., Radu C., Tasca, G., Proiectare asistata de calculator. AutoCADTM 2012. Editie revizuita si adaugita, Editura Printech, Bucuresti, 2014, Ed. recunoscuta CNCSIS cu codul 54, ISBN 978-606-23-0278-8, 389 pagini | 389 | 4 | 4,86 | 2014 |
| **7** | Amza, C.G, Balaceanu, M., Tasca, G.D., Calculatorul pe intelesul tuturor, Editura Printech 2011, Ed. recunoscuta CNCSIS cu codul 54, ISBN 978-606-521-755-3, 273 pagini | 273 | 3 | 4,55 | 2011 |
| **8** | Amza, C.G, Paun, V.I., Petriceanu, C., Radu, C., Programarea calculatoarelor, Editura Printech, Ed. recunoscuta CNCSIS cu codul 54, Bucuresti, ISBN 978-073-718-669-0, pp.147, 2007 | 147 | 4 | 1,84 | 2007 |
| **9** | Dumitrache, F., Garleanu, G., Luchian, C., Amza, C.G., Grecu, D.T., Garleanu, D., Dumitrascu, C., Tehnologii de sudare prin presiune, volumul II, Editura Bren, Ed. recunoscuta CNCSIS cu codul 96, ISBN 973-648-324-X, pp. 372, Bucuresti, 2004 | 372 | 7 | 2,66 | 2004 |
| **10** | Amza, C.G., Tehnologia Informatiei si Calculatoarele in Afaceri – Curs, Editura Comunicare.ro, Ed. recunoscuta CNCSIS cu codul 265, Bucuresti, 2003, ISBN 973-9376-82-3, 80 pag | 80 | 1 | 4,00 | 2003 |
| **11** | Dumitrache, F., Garleanu, G., Luchian, C., Amza, C.G., Dumitrascu, C., Garleanu, D., Grecu, D.T., Tehnologii de sudare prin presiune, volumul I, Editura Bren, Ed. recunoscuta CNCSIS cu codul 96, ISBN 973-648-324-X, pp.226, Bucuresti, 2004 | 226 | 7 | 1,61 | 2004 |
| **12** | Amza, G., Amza, C. G., Procese de operare, vol.1, ISBN 973-8141-02-0, Editura Bren, Ed. recunoscuta CNCSIS cu codul 96, 2001 | 370 | 2 | 9,25 | 2001 |
| | | | | 48,56 | |
| Îndrumare | | Pagini | Nr. autori | Total | |
| **13** | Amza, C.G., Tasca, G.D., Petriceanu C., Baze de date, Editura Printech 2011, Ed. recunoscuta CNCSIS cu codul 54, ISBN 978-606-521-757-7, 178 pagini | 178 | 3 | 2,37 | |
| **14** | Amza, C.G., Tehnologia Informatiei si Calculatoarele in Afaceri – Caiet de seminar, Editura Comunicare.ro, Bucuresti, 2003, ISBN 973-8376-83-1, 60 pag | 60 | 1 | 2,40 | |
| **15** | Amza, C.G., Tehnologia Informatiei si Calculatoarele in Afaceri – Curs, Editura Comunicare.ro, Ed. recunoscuta CNCSIS cu codul 265, Bucuresti, 2003, ISBN 973-9376-82-3, 80 pag | 80 | 1 | 3,20 | |
| **16** | Amza, C.G., Nitoi, D.F., CIM/CAD/CAM: Aplicatie – Autocad 2002, Editura Bren, Ed. recunoscuta CNCSIS cu codul 96, ISBN 973-648-195-6, 2003, 215 pag | 215 | 2 | 4,30 | |
| | | | | 12,27 | |
| **Total 1.2** | | | | **60,83** | |
| **1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă** | **Director/ Responsabil** | | | | |
| | Coordonator program masterat Ingineria Calitatii, 2016-prezent | | | **15,00** | |
| | Coordonator curs postuniversitar “Tehnologia Informatiei si Calculatoare” (curs de conversie profesionala adresat cadrelor didactice din invatamantul preuniversitar), 2009-2010 | | | **15,00** | |

| | | | | | |
|---|---|---|---|---|---|
| | Coordonator formare proiect Formarea personalului didactic din invatamantul secundar (ISCED 2-3) in vederea utilizarii tehnologiei informatiei si a instrumentelor e-learning in activitatea didactica, proiect POSDRU/87/1.3/S/64227, 2010-2012, responsabil de acreditarea cursurilor CNFP Tehnologii de instruire online (89 de ore) si Instrumente de educatie online (40 ore), responsabil formare, formator TIC, 2010-2012 | | | **15,00** | |
| | „Dezvoltarea de competente cheie pentru evaluari nationale de succes!”, Cod Contract: POSDRU/153/ 1.1/S/138267 – coordonator formare program de formare profesionala CNFP “Dezvoltarea de abilitati in vederea crearii de competente cheie la elevii din invatamantul gimnazial | | | **15,00** | |
| | ACTIV : „ACTIV pe Piaţa Muncii: Abilităţi şi Competenţe Tehnice pentru Integrare şi Valorificare pe Piaţa Muncii”, Cod Contract: POSDRU/125/5.1/S/125723– Responsabil formare proiect (ANC) | | | **15,00** | |
| | proiect POSDRU ID 150650 ANTREPRENOR- Idei de afaceri de succes si dezvoltarea antreprenoriatului in regiunile Bucuresti-Ilfov si Sud-Vest Oltenia, 2015 – Coordonator formare proiect (cursuri de formare profesionala continua ANC) | | | **15,00** | |
| **1.4 Dezvoltare de noi discipline (se punctează o singură dată în cazul multiplicării lor în programe de studii diferite)** | **Titular** | | | | |
| | Industrie 4.0. Fabricatie aditiva (Master IC, an I, sem II) | | | **10,00** | |
| | Tehnologia Informatiei si Sisteme Interactive (anul III, fac. IMST, seria C, specializarile IC, IS si ISI) | | | 10,00 | |
| | Imagine si Comunicare in Afaceri – Master ISSM, Master IC (anul V) | | | 10,00 | |
| | CAD/CAM – anul III, fac. IMST, seria C, specializarile IC, IS si ISI | | | 10,00 | |
| | Dezvoltare Durabila , anul II ,Fac. IMST, IC, disciplina optionala | | | 10,00 | |
| | Programarea Calculatoarelor, anul I, Fac. IMST, seria C | | | 10,00 | |
| | Programe informatice specifice calitatii, anul VI, Fac. IMST, master IC | | | 10,00 | |
| **Total 1.4** | | | | **160,00** | |
| **1.5 Proiecte educaționale (ERASMUS, Leonardo etc.)** | **Director/ Responsabil** | Nr.proiecte | Nr. ani | Total | |
| **1** | Joyful adult training using augmented reality”, JOYAR nr. GRU-12-P-LP-74-B-CZ finantat de EU prin Longlife Learning Programme, Grundtvig Partnerships,director proiect, 2012-2014 | 1 | 2 | 20,00 | |
| **2** | Drivers & Active NeTwork for European Citizenship in Vocational Education and Training”, DANTE, finantat de EU prin Longlife Learning Programme, Leonardo Partnerships, LLP-LdV/PAR/2013/RO/076, director de proiect, 2013-2015 | 1 | 2 | 20,00 | |
| **3** | Transfer de techniques modernes concernant l’utilisation des robots pour l’assemblage, Leonardo da Vinci RO/2003/PL91116EX, director de proiect, 1996 | 1 | 1 | 10,00 | |
| **4** | euSDET - Enlarged EUropean Sustainable DEvelopment Training Course, Program Socrates, 2005-2007, partener extern, responsabil proiect, Project No. 224953-CP-1-2005-1-NL-GRUNDTVIG-G11, buget UPB 14900 Euro | 1 | 2 | 20,00 | |
| **5** | Upskilled Engineering Profiles For The Automotive Sector And Uptake Of Dual Alternate Scheme In Europe´S Higher Education, 2017-1-ES01-KA203-038588, Erasmus+ KA2 Strategic partnership, 2017-2020, Responsabil proiect | 1 | 2,5 | 25,00 | |
| **6** | 2018-1-TR01-KA203-059739 Curriculum Development for Rapid Prototyping in Engineering Education (CDRP), Parteneriat strategic E+ KA2, 35400 Euro, responsabil proiect | 1 | 2,5 | 25,00 | |
| **7** | 598236-EPP-1-2018-1-LT-EPPKA2-CBHE-SP (dComFra),Capacity Building, Digital competence framework for Ukrainian teachers and other citizens (dComFra), 28473 Euro, responsabil proiect 2018-2021 | 1 | 2 | 20,00 | |
| **8** | 2016-1-RO01-KA202-024578 3DP Training in 3D Printing To Foster EU Innovation & Creativity, finantat prin programul Erasmus+, responsabil proiect, grant obtinut prin competitie, 2016-2018 | 1 | 2 | 20,00 | |
| **9** | Pi 3. 2016-1-RO01-KA202-024493 Circular €conomy Digital Training Toolbox to foster Innovative Green Entrepreneurs - Eng@ge , finantat prin programul Erasmus+, responsabil proiect, grant obtinut prin competitive, 2016-2018 | 1 | 2 | 20,00 | |
| **10** | Fostering use of technical spaces in higher education – HEI-MAKERS 2017-1-LT01-KA203-035231, Erasmus+ KA2 Strategic partnership, 2017-2020, Responsabil proiect | 1 | 2,5 | 25,00 | |
| | | | | 0,00 | |
| **Total 1.5** | | | | **205,00** | |
| **TOTAL A1** | | | | **571,18** | MINIM 130 |

**A2. Activitatea de cercetare**

| **2.1 Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date** | **(ultimii 5 ani 2013-prezent)** | Nr. autori | Factor | Total |
|---|---|---|---|---|
| De la ultima promovare<br>Pentru profesor și CS1, începând din 2018 - minimum 1 articol în reviste din zona roșie sau galbenă<br>Minimum 8 articole, din care 3 în reviste, minimum 3 ca autor principal, pentru Profesor | **REVISTE** | | | |
| 1 | Diana Popescu, Aurelian Zapciu , Catalin Amza, Florin Baciu, Rodica Marinescu, FDM process parameters influence over the mechanical properties of polymer specimens: A review, Polymer Testing 69, pp. 157-166, 2018 https://doi.org/10.1016/j.polymertesting.2018.05.020, Revista Q1, factor impact 2018 – 2.943, pe 5 ani 3.07, ISSN: 0142-9418, eISSN: 1873-2348, 2018 (2 domenii ambele Q1 - Materials Science, Characterization & Testing si Polymer Science); WOS:000442068000019 | 5 | 2,943 | 11,89 |
| 2 | Zapciu, A; Amza, CG; Rontescu, C; Tasca, G, 3D-Printed, Non-assembly, Pneumatically Actuated Mechanisms from Thermoplastic Materials, MATERIALE PLASTICE, Volume: 55, Issue: 4, Pages: 517-520, Published: DEC 2018 , FI: 1.393 pe 2018, ISSN: 0025-5289 , WOS:000454987400012 | 4 | 1,393 | 10,98 |
| 3 | Spanu, P; Amza, CG; Abaza, BF, Study Regarding the Compressive Properties of Glass Fiber Reinforced Composites, MATERIALE PLASTICE , Volume: 55 , Issue: 4 , Pages: 580-583 , Published: DEC 2018 , FI 1.393, ISSN: 0025-5289 , WOS:000454987400025 | 3 | 1,393 | 14,64 |
| 4 | Moga, M; Semenescu, A ; Chivu, RD ; Costoiu, MC; Mates, IM ; Calin, CI ; Amza, CG ; Pogarasteanu, ME ; Oproiu, AM; Radu, FI, An Alternative Femoral Stem-bone Implantation Technique Using an Innovative Short Femoral Stem Endoprosthesis, REVISTA DE CHIMIE, Volume: 69 , Issue: 11 , Pages: 4199-4203 , Published: NOV 2018 , FI 1.605, WOS: 000451931500074 | 10 | 1,605 | 4,61 |
| 5 | Cicic, DT ; Rontescu, C ; Bogatu, AM ; Amza, CG ; Chivu, OR , The Influence of the Deposit Parameters on the Medium Chemical Composition of the Welded Joint, REVISTA DE CHIMIE, FI 1,412 pe 2017, Volume: 68, Issue: 10, Pages: 2261-2264, Published: OCT 2017, WOS:000416750000012 | 5 | 1,412 | 8,82 |
| 6 | Apostolescu, Z ; Chivu, OR ; Semenescu, A ; Basis, C ; Amza, C G ; Iacobescu, G ; Gligor, MA ; Nitoi, D ; Adir, GM , The Impacts of Industrial Processing of Oil on Soil Quality, REVISTA DE CHIMIE, Volume: 68, Issue: 1, Pages: 111-115, Published: JAN 2017, FI 1,412 pe 2017, WOS:000395499200024 | 9 | 1,412 | 4,90 |
| 7 | Rontescu, C ; Cicic, DT ; Amza, CG ; Chivu, OR ; Iacobescu, G , Comparative Analysis of the Components Obtained by Additive Manufacturing Used for Prosthetics and Medical Instruments, REVISTA DE CHIMIE, Volume: 68, Issue: 9, Pages: 2114-2116, Published: SEP 2017, FI 1,412 pe 2017, WOS:000416748800036 | 5 | 1,412 | 8,82 |
| 8 | Spanu, P ; Amza, CG ; Dinu, G, Statistical Analysis of Some Mechanical Characteristics of Glass Fiber Reinforced Composites, MATERIALE PLASTICE, Volume: 54, Issue: 4, Pages: 601-605, Published: DEC 2017, ISSN: 0025-5289 , factor impact 2017 : 1,248 , WOS:000426412500001 | 3 | 1,248 | 14,16 |
| 9 | Rontescu, C ; Cicic, DT; Bogatu, AM; Amza, CG; Chivu, OR, Research Regarding the Analysis of the Samples Used for Prosthetics and Medical Instruments Obtained by Sintering, REVISTA DE CHIMIE, Volume: 68, Issue: 8, Pages: 1854-1857, Published: AUG 2017, FI 1,412 pe 2017, WOS:000410388000037 | 5 | 1,412 | 8,82 |
| 10 | Catalin Gheorghe Amza, Aurelian Zapciu and Diana Popescu, Paste Extruder—Hardware Add-On for Desktop 3D Printers, Technologies 2017, 5(3), 50; doi:10.3390/technologies5030050, 2017 http://www.mdpi.com/2227-7080/5/3/50/htm WOS:000410651800014 | 3 | 0 | 10,00 |
| 11 | Semenescu, A, Chivu, OR, Babis, C , Apostolescu, Z, Amza, C, Petrescu, V, Iacobescu, G, The Impact of Industrial Oil Processing Activity on the Air Quality, REVISTA DE CHIMIE, Volume: 67, Issue: 10, Pages: 2018-2021, Published: OCT 2016, ISSN: 0034-7752, FI 1,232 pe 2016, WOS:000388359900027 | 6 | 1,232 | 7,05 |

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| 12 | Cicic, Dumitru Titi; Rontescu, Corneliu; Amza, Catalin Gheorghe; Chivu, Oana Roxana, Iacobescu, G., Qualitative and Quantitative Comparisons Concerning the Influence of Jointing Parameters on the Quality of the PPR Without Insertion Components Assembly, MATERIALE PLASTICE Volume: 53 Issue: 1 Pages: 38-41 Published: MAR 2016 , ISSN: 0025-5289, FI 0,778 pe 2016, WOS:000373966500009 | 5 | 0,778 | 7,56 |
| 13 | Cicic D.T., Rontescu , C., Amza, C.G., Chivu, O.R., The Combined Effect of Chemical Elements on the Properties of a Layer Deposited by Welding, Revista de Chimie, vol. 66, issue 9, pp 1299-1301, ISSN: 0034-7752, WOS: 000363359700009, FI 0,956 pe 2015, 2015 | 4 | 0,956 | 9,89 |
| 14 | Doicin, B., Patrascioiu, C., Amza, C.G., Onutu,I., Mathematical Model for Studying the Variation of Gasoline-Bioethanol Blend Properties, REV. CHIM. (Bucharest), vol. 66, No. 4, 2015, pp. 523-528, ISSN 0034-7752, FI 0.956 pe 2015, WOS:000354914500019 | 4 | 0,677 | 9,19 |
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| 16 | Amza, C.G., Automatic inspection of epoxy die-attach process of a semiconductor chip, Rev. MPLAAP 51 (4), ISSN 0025-5289, 2014, FI 2014: 0.824, WOS: 000345883300024 | 1 | 0,824 | 38,24 |
| 17 | Popescu, D.; Anania, F. D.; Cotet, C. E. & Amza, C. G., FULLY-AUTOMATED LIQUID PENETRANT INSPECTION LINE SIMULATION MODEL FOR INCREASING PRODUCTIVITY, Int j simul model 12 (2013) 2, 82-93, ISSN 1726-4529, factor de impact 2,125 pe 2013 WOS:000320830500002 | 4 | 2,125 | 12,81 |
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| **Proceedings** | **Proceedings** | | | |
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| 19 | A Zapciu. Tasca, G., Amza C.G., Considerations on 3D printing joints parts, Book Series: IOP Conference Series-Materials Science and Engineering , Volume: 400 , Article Number: 022061 , DOI: 10.1088/1757-899X/400/2/022061, Published: 2018 , Document Type:Proceedings Paper WOS:000461147400061 , ISSN: 1757-8981 | 3 | | 8,33 |
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| 21 | Amza, CG; Nitoi, DF , Considerations on Thermic and Mechanic Processes that Appear when 3D Printing using ABS Fused Deposition Modelling Technology, 7TH INTERNATIONAL CONFERENCE ON STRUCTURAL ANALYSIS OF ADVANCED MATERIALS (ICSAAM 2017), Book Series: AIP Conference Proceedings, Volume: 1932, Article Number: UNSP 030001, DOI: 10.1063/1.5024151, Published:2018, Accession Number: WOS: 000442818000007, ISBN:978-0-7354-1624-6, ISSN: 0094-243X | 2 | | 12,50 |

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| 22 | Chicioreanu, TD ; Amza, CG , Adapting Your Teaching to Accommodate the Net Generation /Z-Generation of Learners, PROCEEDINGS OF THE 14TH INTERNATIONAL SCIENTIFIC CONFERENCE ELEARNING AND SOFTWARE FOR EDUCATION: ELEARNING CHALLENGES AND NEW HORIZONS, VOL 3 Edited by:Roceanu, I; Beligan, D; Chicioreanu, T; Blaga, M; Stanescu, M; Corciova, C, Book Series: eLearning and Software for Education, Pages: 13-20, DOI: 10.12753/2066-026X-18-143, Published: 2018 Document Type:Proceedings Paper, WOS:000467471000001, ISSN: 2066-026X, 2018 | 2 | | 12,50 |
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| 25 | Amza Catalin Gheorghe, Semenescu Augustin, Amza Gheorghe, Dimitrescu Andrei, Babiş Claudiu - CONTRIBUTIONS TO METHODS OF PREVENTING AND REDUCING POLLUTION FROM WELDING PROCESSES, Section Name. 19. Air Pollution and Climate Change The 16th edition of the SGEM International GeoConferences, 28 June - 7 July, 2016, Albena Resort, Bulgaria.(Papers from every SGEM proceedings are indexed in Thomson Reuters, ISI Web of Science, Elsevier products - SCOPUS, Engineering Village/Compendex. We are voting member of CrossRef (DOI), partner of EBSCOHosts and ProQuest. SGEM Conference Proceedings are indexed into the most popular and scientifically strong databases.) SGEM Conference Proceedings, pag.299-306, ISSN 1314-2704, DOI: 10.5593/SGEM_GeoConference, Accession Number: WOS:000391348700039, ISBN:978-619-7105-64-3, ISSN: 1314-2704, | 5 | | 5,00 |
| 26 | Amza Catalin Gheorghe, Semenescu Augustin, Amza Gheorghe, Babiş Claudiu, Apostolescu Zoia - THEORETICAL AND EXPERIMENTAL CONTRIBUTIONS ON THE TRANSFORMATION OF INDUSTRIAL ENGINEERING ORGANIZATIONS INTO AN ORGANIZATION ECO TECHNOLOGY, Section Name. 19. Air Pollution and Climate Change The 16th edition of the SGEM International GeoConferences, 28 June - 7 July, 2016, Albena Resort, Bulgaria.(Papers from every SGEM proceedings are indexed in Thomson Reuters, ISI Web of Science, Elsevier products - SCOPUS, Engineering Village/Compendex. We are voting member of CrossRef (DOI), partner of EBSCOHosts and ProQuest. SGEM Conference Proceedings are indexed into the most popular and scientifically strong databases.) SGEM Conference Proceedings, pag.663-670, ISSN 1314-2704, DOI: 10.5593/SGEM_GeoConference, Accession Number: WOS:000391348700085, ISBN:978-619-7105-64-3, ISSN: 1314-2704 | 5 | | 5,00 |
| 27 | A Dimitrescu, Gh Amza, D F Niţoi, C Gh Amza and Z Apostolescu, Fatigue FEM analysis in the case of brazed aluminium alloy 3L59 used in aeronautical industry, ModTech International Conference - Modern Technologies in Industrial Engineering IV IOP Publishing IOP Conf. Series: Materials Science and Engineering 145 (2016) 042009 doi:10.1088/1757-899X/145/4/042009, WOS:000396437600061, 6 pagini, ISSN: 1757-8981 | 5 | | 5,00 |

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| 28 | Gh Amza, V Petrescu, D F Niţoi, C Gh Amza, A Dimitrescu and Z Apostolescu, Contributions regarding chemical composition variation in ultrasonic field overlaying welding, ModTech International Conference - Modern Technologies in Industrial Engineering IV IOP Publishing IOP Conf. Series: Materials Science and Engineering 145 (2016) 072008 doi:10.1088/1757-899X/145/7/072008, WOS:000396437600124, 8 pagini, ISSN: 1757-8981 | 6 | | 4,17 |
| 29 | G Amza, D Nitoi, C G Amza, A Dimitrescu, Z Apostolescu, G Tasca and M Teodorescu, Contributions regarding the use of ultrasound capabilities in the reconditioning by metallization of some automotive parts, Modern Technologies in Industrial Engineering (ModTech2015), IOP Conf. Series: Materials Science and Engineering 95 (2015) 012010 doi:10.1088/1757-899X/95/1/012010, 2015, ISSN: 1757-8981, 6 pagini, WOS: 000365128900010 | 7 | | 3,57 |
| 30 | C. G. Amza, G. Amza, D.F.Nitoi, A.Dimitrescu, Z. Apostolescu, DESIGN AN ULTRASONIC SYSTEM FOR FINITE ELEMENT METHOD USED FOR POWDER METALLIZATION OF METAL PARTS, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, www.sgem.org, SGEM2015 Conference Proceedings, ISBN 978-619-7105-38-4 / ISSN 1314-2704, June 18-24, 2015, Book4, 649-656 pp, DOI: 10.5593/SGEM2015/B41/S18.085, 2015; WOS: 000371056000085 | 5 | | 5,00 |
| 31 | Chicioreanu T.; Amza C.G., Are teachers ready for the augmented reality?, http://dx.doi.org/10.13140/2.1.1538.0802, Conference: SMART 2014 - Social Media in Academia: Research and Teaching, At Timisoara, Romania, 2014, SMART 2014 - SOCIAL MEDIA IN ACADEMIA: RESEARCH AND TEACHING Pages: 337-343 Published: 2015, WOS:000367888300051, ISBN:978-88-7587-712-5 | 2 | | 12,50 |
| 32 | Amza, C.G., Chicioreanu, T., M-learning – an effective learning style ?, Conference: SMART 2014 - Social Media in Academia: Research and Teaching, At Timisoara, Romania, 2014, articol indexat Ulrich's ProQuest, GESIS, index Copernicus, indexata ISI, SMART 2014 - SOCIAL MEDIA IN ACADEMIA: RESEARCH AND TEACHING Pages: 83-88 Published: 2015 , WOS WOS:000367888300013, ISBN:978-88-7587-712-5 | 2 | | 12,50 |
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| 34 | CICIC Dumitru Titi, AMZA Catalin Gheorghe, POPESCU Diana, ANANIA Dorel, Automated stand for non-destructive testing evaluation of metal products, IManE 2013 International Conference, INNOVATIVE MANUFACTURING ENGINEERING INTERNATIONAL CONFERENCE, May 23-24, Ia?i, ROMÂNIA, pag. 1500…1510, publicata ?i in "Applied Mechanics and Materials Vol. 371, pag 401…405, ISSN ISSN 978-3-03785-786-1 Applied Mechanics and Materials Vol. 371 (2013) pp 401-405 © (2013) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMM.371.401 WOS:000334556900078 | 4 | | 6,25 |
| 35 | Gheorghe Amza, Dan Florin Nitoi, Claudiu Babis, Catalin Amza, Zoia Apostolescu, Influence of the Milling Weld Toe and WIG Remelting Reconditioning Technology to Welded Pieces in the Case of Fatigue Testing, Advanced Materials Research, vol. 684 (2013) pp 362-366, Trans Tech Publications, Switzerland, doi:10 0.4028/www.ecientific.net/AMR.684.362, 2013, ISSN: 1662-8985 WOS:000323014600074 | 5 | | 5,00 |
| **Total 2.1** | | | | **325,56** |
| **2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale** | **De la ultima promovare Minimum 8 pentru profesor;** | | Nr.autori | Total |
| | **(ultimii 5 ani 2013-prezent)** | | | |
| **1** | Fabrication of FDM 3D printed models with non-assembly articulated joints using material separation techniques, A Zapciu, Tasca, G.D., Amza, C.G., Popescu D., 18th multidisciplinary Scientific GeoConference, https://doi.org/10.5593/sgem2018/2.1 , 2018, SCOPUS | | 4 | 3,75 |

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| 2 | Corneliu Rontescu, Dumitru-Titi Cicic, Cătălin-Gheorghe Amza, ANALYSIS OF THE WELDING RECONDITIONING POSSIBILITIES OF MEDICAL PROSTHESIS, 16Nonconventional Technologies Review, Dec 2018, vol XXII, nr. 4/2018, pp 16-23, ISSN 2359-8646, indexed in INDEX Copernicus, PROQUEST, EBSCO, accredited journal CNCSIS B+ | | 3 | 5,00 |
| 3 | Amza, C.G., Zapciu, A., Popescu, D., 3D printing with deformable materials, in proc. 17th International Multidisciplinary Scientific Geoconference SGEM2017, vol.17, issue 21, pp. 9-15, ISBN 978-619-7408-01-0, ISSN 1314-2704 DOI: 10.5593/sgem2017/21, SCOPUS | | 3 | 5,00 |
| 4 | Zapciu, A., Amza, C.G., Popescu, D., Augmented reality experience for quality inspection, in proc. 17th International Multidisciplinary Scientific Geoconference SGEM2017, vol.17, issue 21, pp. 153-158, ISBN 978-619-7408-01-0, ISSN 1314-2704 DOI: 10.5593/sgem2017/21, SCOPUS | | 3 | 5,00 |
| 5 | Popescu D., Amza C.G., ADDITIVE MANUFACTURING AUTOMATION FOR INDUSTRY 4.0, Research and Science Today Supplement No. 2/2017, pp 50-57, proc. Int Conf. MIT 2017 and Workshop, Sinaia, Romania, 3-5.09.2017, ISSN 2247-4455 | | 2 | 7,50 |
| 6 | Zapciu, Aurelian; Amza, Catalin Gheorghe; Popescu, Diana, 3D PRINTER EXTRUDER DESIGN FOR PRINTING WITH DEFORMABLE MATERIALS, Nonconventional Technologies Review / Revista de Tehnologii Neconventionale . Mar2017, Vol. 21 Issue 1, p18-23. 6p, 2017, indexat EBSCO http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=23598646&AN=122521167&h=xg2KWrv%2bRI5WsjtYN%2fpNLjSV46V7BWgjkpb8BWFyRh%2b9kSGrCGwOJeUuEk2o3g5wfdI03xsfhymidg%2flwpEqqw%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d23598646%26AN%3d122521167 | | 3 | 5,00 |
| 7 | CICIC Dumitru Titi, RONTESCU Corneliu, AMZA Cătălin Gheorghe, SEMENESCU Augustin, Research Concerning the Influence of Contact Tip-to-work Distance (CTWD) on Penetration, Bead Height, Bead width. Study Case GMAW Cladding, Advanced Materials Research Vol. 1088 (2015) pp 774-778, doi:10.4028/www.scientific.net/AMR.1088.774 http://www.scientific.net/AMR.1088.774 | | 4 | 3,75 |
| 8 | 2) RONTESCU Corneliu, CICIC Dumitru Titi, IACOBESCU Gabriel, AMZA Gheorghe Cătălin, The Influence of the Welding Current Polarity on the Geometric Configuration of the Bead, Advanced Materials Research Vol. 1088 (2015) pp 797-801, doi:10.4028/www.scientific.net/AMR.1088.797 http://www.scientific.net/AMR.1088.797 (in curs de indexare in ISI Thomson Reuters) | | 4 | 3,75 |
| 9 | 3) AMZA Gheorghe, APOSTOLESCU1Zoia, AMZA Cătălin Gheorghe, TEODORESCU Marius Cornel, DRAGOMIR-GROZA Adrian Ioan, Theoretical and Experimental Cladding Technological Process of Spare Mechanical Engineering, Applied Mechanics and Materials Vol. 760 (2015) pp 545-550, doi:10.4028/www.scientific.net/AMM.760.545 http://www.scientific.net/AMM.760.545 (in curs de indexare in ISI Thomson Reuters) | | 5 | 3,00 |
| 10 | 4) AMZA Gheorghe, NITOI Dan, AMZA Cătălin, APOSTOLESCU Zoia, OPRAN Constantin, Ultrasonic System Design and Calculation for Polymer Metallization, Applied Mechanics and Materials Vol. 760 (2015) pp 263-268, doi:10.4028/www.scientific.net/AMM.760.263 http://www.scientific.net/AMM.760.263 (in curs de indexare in ISI Thomson Reuters) | | 5 | 3,00 |
| 11 | 5) Catalin Gheorghe Amza , Dumitru Titi Cicic, Industrial image processing using fuzzy-logic, 25th DAAAM International Symposium on Intelligent Manufacturing and Automation, DAAAM 2014, Procedia Engineering, vol 100, pp 492- 498, doi: 10.1016/j.proeng.2015.01.404 http://www.scopus.com/record/display.url?eid=2-s2.0-84925061067&origin=resultslist&sort=plf-f&src=s&st1=amza&sid=33C824BDD7AB36A137982F2F99818DB7.kqQeWtawXauCyC8ghhRGJg%3a20&sot=b&sdt=b&sl=36&s=AUTHOR-NAME%28amza%29+AND+PUBYEAR+%3E+2013&relpos=3&relpos=3&citeCnt=0&searchTerm=AUTHOR-NAME%28amza%29+AND+PUBYEAR+%26gt%3B+2013 | | 2 | 7,50 |

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| **12** | 8) M. Munteanu, P. Bechet, C. Rusu, D.D. Micu, R.A. Munteanu, R. Moga and C. G. Amza - Application of Virtual Instrumentation for Transmitting and Processing ECG Signals, în IFMBE Proceedings of the 4 th International Conference on Advancements of Medicine and Health Care through Technology, Springer, 5th – 7th June 2014, Cluj-Napoca, Romania, p.215-218, Articol Indexat în Springerlink, DOI: 10.1007/978-3-319-07653-9_43 | | 7 | 2,14 |
| **13** | 9) Amza, C.G., ROC curves analysis of automated and human industrial inspection systems of sheet metal welding joints, in Proc. Advances in Automatic Control, Modelling & Simulation (ACMOS 2013), Brasov, Romania, 1-3 Iunie, 2013, pp.145-150, ISSN: 1790-5117, ISBN: 978-1-61804-189-0, Indexat TIB(German nationalibrary os Science and Technology): https://getinfo.de/app/details?cluster=tib&term=amza&tib=zbwkat&tib=roempp&tib=blcp&tib=dkf&tib=sudoc&tib=tema&tib=ceaba&tib=zbmkm&tib=ntis&tib=rdat&tib=tibkat&tib=citeseerx&tib=blse&tib=kmo3d&tib=iud&tib=zbmql&tib=kmoav&tib=zmat&tib=etde&tib=temaext&tib=rswb&tib=insp&tib=dkfl&tib=prob&tib=epo&Dissued=2013&hit=6 | | 1 | 15,00 |
| **14** | Nitoi, D.F., Amza, C.G., Iliescu, M., Ciufudean, C., FEM Stress analysis for molar teeth, Recent advances in Information Science, Proc. Of the 4th European Conference of Computer Science (ECCS'13), Paris, France, October 29-31, 2013, Recent advances in Information Science 17, ISSN 1790-5109, ISBN 978-960-474-344-5, Indexat TIB(German nationalibrary os Science and Technology): https://getinfo.de/app/details?cluster=tib&term=amza&tib=zbwkat&tib=roempp&tib=blcp&tib=dkf&tib=sudoc&tib=tema&tib=ceaba&tib=zbmkm&tib=ntis&tib=rdat&tib=tibkat&tib=citeseerx&tib=blse&tib=kmo3d&tib=iud&tib=zbmql&tib=kmoav&tib=zmat&tib=etde&tib=temaext&tib=rswb&tib=insp&tib=dkfl&tib=prob&tib=epo&Dissued=2013&hit=8 | | 4 | 3,75 |
| **15** | Amza, C.G., Nitoi, D.F., Enciu, G., Automatic Image Processing For Welding Inspection, in Proc. of the 1st International Conference on Industrial and Manufacturing Technologies (INMAT '13), Vouliagmeni, Athens, Greece, May 14-16, 2013, pp.153-158, ISSN 2227-4596, ISBN 978-1-61804-186-9, Indexat TIB(German nationalibrary os Science and Technology): https://getinfo.de/app/details?cluster=tib&term=amza&tib=zbwkat&tib=roempp&tib=blcp&tib=dkf&tib=sudoc&tib=tema&tib=ceaba&tib=zbmkm&tib=ntis&tib=rdat&tib=tibkat&tib=citeseerx&tib=blse&tib=kmo3d&tib=iud&tib=zbmql&tib=kmoav&tib=zmat&tib=etde&tib=temaext&tib=rswb&tib=insp&tib=dkfl&tib=prob&tib=epo&Dissued=2013&hit=4 | | 3 | 5,00 |
| | | | | |
| | | | | |
| **Total 2.2** | | | | **78,14** |
| **2.3 Articole în extenso în reviste/ volumele unor manifestări științifice naționale/ internaționale neindexate** | Se admit max. două articole la aceeași ediție | Nr. autori | | Total |
| | | | | |
| **Total articole reviste neindexate** | | | **0** | **0,00** |
| Proceedings | | | | |
| | Chicioreanu, D.T., Amza, C.G., Augmented reality – A new direction in education?, invited paper in proc. of ARTE 2016 International Conference, Bucharest, Romania, 2016, pp. 27-32, Eds: Amza, C.G, Borg, J.C., Chicioreanu, T., Tasca, G., Editura Printech, ISBN 978-606-23-0563-5 | 2 | | 2,00 |
| | Tasca, G.D, Amza, C, .G., AUGMENTED REALITY FOR IMPROVED LEARNING EXPERIENCE: A CASE STUDY paper in proc. of ARTE 2016 International Conference, Bucharest, Romania, 2016, pp. 63-66, Eds: Amza, C.G, Borg, J.C., Chicioreanu, T., Tasca, G., Editura Printech, ISBN 978-606-23-0563-5 | 2 | | 2,00 |
| **Total articole Proceedings neindexate** | | | | **4,00** |
| **Total 2.3. Articole neindexate** | | | | **4,00** |
| **2.4 Proprietate intelectuală, brevete de invenție și inovație, etc.** | | Nr. autori | | Total |
| **2.4.1 Internationale** | | | | |
| **2.4.2 Nationale** | | | | |
| **1** | Metodă si dispozitiv pentru evaluarea etanşeităţii produselor de tip casete luminoase realizate din plexiglas , RO00128428, Amza C.G, Cicic D.T., Popescu D. | 3 | | 6,67 |
| **2** | Surub auto-tarodant canulat bioresorbabil pentru fixare ligamentara, RO00128477, Antoniac, V.I., Laptoiu D.C., Popescu D., Semenescu A., Amza C.G. | 5 | | 4,00 |

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|---|---|---|---|---|
| **3** | Short Femural Stem Cervical Endoprothesis(Endoproteză Scurtă Cervicală Femurală), Marius MOGA, Augustin SEMENESCU, Mihnea COSTOIU, Ileana Mariana MATEȘ, Cezar – Ionuț CĂLIN, Cătălin Gheorghe AMZA, A 2015 00551, 130730 A0 | 5 | | 4,00 |
| **4** | Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect, Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateș Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiță Olivia Doina, A 2016 00383 din 27/06/2016 RO131379 | 12 | | 1,67 |
| **5** | Instalatie de evaluare a calitatii produselor industriale, RO00128159, Amza, C.G, Cicic, D.T., Popescu D., Amza, G., Semenescu A. | 5 | | 4,00 |
| 6 | Metoda si sistem de instruire pentru pozitionarea suruburilor pediculare in vertebrele coloanei umane, Popescu, D., Amza, C.G., Laptoiu, D.C., Amza, G., Semenscu A., Antoniac, V.I., Cicic, D.T., A/00666/ 14.07.2011 RO128477 B1 | 7 | | 2,86 |
| **Total 2.4 Brevete** | | | | **23,19** |
| **2.5 Granturi/proiecte câștigate prin competiție sau contracte cu mediul socio-economic (în valoare de minimum 25000 lei, (justificată cu documente care să ateste încasarea sumei)** | | | | |
| **2.5.1 Director / Responsabil** | Minimum 2D sau 4R pentru Profesor/ CS I | EURO | Nr.ani | Total |
| 2.5.1.1 Internationale | | | | |
| 1 | 2018-1-EL01-KA204-047819 An Adult Digital Education Skills Kit to Foster Employability (DESK), Parteneriat strategic E+ KA2, 24737 Euro, responsabil proiect 2018-2021 | 24737,00 | 2,5 | 19,79 |
| 2 | *Global Digital Manufacturing – Indsutry 4.0 Joint Curriculum and Research, EEA GRANTS 2014-2021, Cooperation projects in higher education area, Strategic Partnerships, EY-COP-0001, director proiect, buget: 144032 Euro, 2018-2020* | 144032,00 | 2 | 144,03 |
| 3 | Digital Training Toolbox for Entrepreneurial Training in Augmented Reality (AROMA) 2017-1-CZ01-KA202-035560, Erasmus+ KA2 Strategic partnership, 2017-2020, Responsabil proiect | 25475,00 | 2,4 | 21,23 |
| 4 | VIrtual & Augmented Reality Trainers Toolbox to Enable Adults Catch Up With Life Skills (VITA) 2017-1-MT01-KA204-026949, E+ KA2 Strategic partnership, 2017-2019, Responsabil proiect | 29325,00 | 2 | 29,33 |
| 5 | *„Augmented Reality and 3D Printing for technical entrepreneurs" (ARTE-3DP), Finantat prin Mecanismul Financiar SEE 2009-2014, 16-SEE-PCB-RO BUCURES11/01, Proiecte de Cooperare Inter-Institutionala, Programul SEE RO15, buget total: 49845 Euro, 2016, director de proiect, grant obtinut prin competitie* | 49845,00 | 0,6 | 166,15 |
| 8 | *European SMEs in Computer Aided Industrial Design(euCAD), Project no. 142514-LLP-1-2008-1-RO-LEONARDO-LMP finantat de Longlife Learning Programme - Leonardo da Vinci Multilateral Project - Development of Innovation, director de proiect, grant obtinut prin competitie internationala de 277534 Euro, 2008-2010 – de la ultima promovare 2009 – 2010 bugetul UPB a fost de 30000 Euros* | 83481,00 | 2 | 83,48 |
| 9 | *„Augmented Reality for Technical Entrepreneurs" (ARTE), Finantat prin Mecanismul Financiar SEE 2009-2014, PROIECTE DE COOPERARE INTER-INSTITUTIONALA, 14-SEE-PC-RO BUCURES11, buget total: 110920 Euro, buget UPB: 29385 , 01.06.2014-31.05.2016, director de proiect, grant obtinut prin competitie* | 29385,00 | 2 | 29,39 |
| 10 | *Implementation of an innovative model and self-sustainable system of ECDL CAD training/testing center (CECA), Proiect Leonardo da Vinci no RO/05/B/F/PP175005, director de proiect, grant obtinut prin competitie internationala de 134756 Euro , buget UPB 75619 Euro* | 75619,00 | 2 | 75,62 |
| 11 | „Transfer Of Best-Practice & Innovation in CAD for Logistics Stakeholders", LOGICAD nr. 2012-1-ES1-LEO05-48228, finantat de EU prin Longlife Learning Programme, Leonardo da Vinci Programme, Transfer of innovation (TOI), responsabil partener, grant obtinut prin competitie internationala, 2012-2014, 38271 Euro pentru UPB | 38271,00 | 2 | 38,27 |
| 12 | „EXEM ECVET Profile for the European Expert in Energy Management", finantat de EU-EACEA prin Longlife Learning Programme, Leonardo da Vinci Development of Innovation project, 539327-LLP-1-2013-1-IT-LEONARDO-LMP, responsabil partener, grant obtinut prin competitie internationala, 2013-2015, 41440 Euro pentru UPB | 41440,00 | 2,4 | 34,53 |

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|---|---|---|---|---|
| 2.5.1.2 Nationale | | | | |
| 1 | PN-III-P2-2.1-CI-2018-0987 166CI din 04/07/2018 Printare 3D pentru industria de tehnica de calcul – P3DIT finantat prin programul PNIII, P2, Cecuri de Inovare, director de proiect, 49700 lei, iulie –dec 2018 | 10800,00 | 0,5 | 21,60 |
| 2 | FabLab 3D pentru industria de incaltaminte – 3DFI Fonduri PNIII, PN-III-P2-2.1-CI-2017-0490 27CI/2017, 2017, Director proiect | 10800,00 | 0,5 | 21,60 |
| 3 | “FabLab cu tehnologie integrata de fabricatie folosind realitate augmentata si printare 3D pentru echipamente de inspectie nedistructiva cu ultrasunete” - RA3DCND, PN-III-P2-2.1-BG-2016-0036, Contract 35BG/2016, 2016-2018, director de proiect | 47464,16 | 2 | 23,73 |
| 4 | Metoda de inspectie a lipiturilor de plexiglass, Contract „Cecuri de inovare” nr. 30CI/11.06.2012, director de proiect, 2012 – 6 luni – 9000 Euro | 9000,00 | 0,50 | 18,00 |
| | | | | |
| **Total 2.5.1. Proiecte director/responsabil** | | | | **726,75** |
| **2.5.2 Membru in echipa** | | | Ani | Total |
| 2.5.2.1 Internationale | | | | |
| 1 | 2018-1-DE02-KA202-005228 “INDEX - Industrial Expert”, Parteneriat strategic E+ KA2, 24737 Euro, membru echipa proiect, 29630 Euro, 2018-2021 | | 2,5 | 10,00 |
| 2 | Drone technology training to boost EU entrepreneurship and Industry 4.0, 2017-1-RO01-KA202-037083, Erasmus+ KA2 Strategic partnership, 2017-2019, Director executiv | | 2 | 8,00 |
| 3 | National Coordinators for the implementation of the European Agenda for Adult Learning, 2015-2770/001-001, 567464-EPP-1-2015-1-RO-EPKA3-AL-AGENDA,coordinator ANC, cofinantat de EACEA, KA3, 2016-2017, membru echipa | | 1 | 4,00 |
| 4 | 2016-1-RO01-KA202-024508 EU-WELD - A Digital Training Toolbox for Fostering European Experts in Welding Technologies, finantat prin programul Erasmus+,, director executiv, grant obtinut prin competitive, 2016-2018 | | 2 | 8,00 |
| 5 | Exploiting Multi-Material Micro Injection Moulding for Enhancing Manufacturing Competitiveness (EX-MMIM), prof ref R&I-2012-002, financed by the Malta Council for Science and Technology, national Research &Innovation Programme, 2012, Scientific Advisor, membru in echipa de proiect, 2013-2015 | | 1 | 4,00 |
| 6 | ENEX - Expert in Nanotechnology Exploitation, Erasmus+, KA2 – Cooperation for Innovation and the exchange of good practices, Strategic partnerships, 2014-2016, director administrativ | | 2,50 | 10,00 |
| 2.5.2.2 Nationale | | | | |
| 7 | Instalaţie de preparare a aerului folosind sisteme de filtrare cu ultrasunete PN-III-P2-2.1-BG-2016-0062 | | 0,50 | 1,00 |
| 8 | PN-III-P2-2.1-CI-2018-1413, Welding reconditioning applyed in the medical industry (SUDMED), 2018 | | 0,50 | 1,00 |
| 9 | 189CI/ PN-III-P2-2.1-CI-2018-1110 - Sistem avansat de filtrare cu ultrasunete a aerului industrial, bazat pe fenomenul de cavitaţie ultrasonică (SFACU), Universal Service SRL - RO, 2018 | | 3,00 | 6,00 |
| 10 | Excelenta in cercetare prin programe postdoctorale in domenii prioritare ale societatii bazate pe cunoastere (EXCEL) POSDRU/89/1.5/S/62557, cercetator postdoctoral, 2010-2013 | | 3,00 | 6,00 |
| 11 | PLATFORMA ONLINE INTELIGENTA COLABORATIVA PENTRU PROIECTAREA SI FABRICAREA GHIDAJELOR PERSONALIZATE IN CHIRURGIA ORTOPEDICA, PN-II-PT-PCCA-2013-4-0251, membru echipa proiect, 2014-2016 | | 2,00 | 4,00 |
| 12 | Formarea personalului didactic din invatamantul secundar (ISCED 2-3) in vederea utilizarii tehnologiei informatiei si a instrumentelor e-learning in activitatea didactica, proiect POSDRU/87/1.3/S/64227, 2010-2013, Training Designer, expert pe termen lung A | | 3,00 | 6,00 |
| 13 | Educatie si formare profesionala in sprijinul cresterii calitatii invatamantului prin initierea unor noi programe de licenta si masterat in domeniul sanatate si securitate in munca, Codul Proiectului: POSDRU/86/1.2/S/61690, IT Expert (echipa de management), expert pe termen lung A, 2010-2013 | | 2,50 | 5,00 |
| 14 | „Practica studenților - Cheia către job-ul dorit!”, Cod proiect: POSDRU /109/2.1/G/81655, asistent coordonare si implementare (echipa de management), expert pe termen lung A, 2011-2013 | | 1,50 | 3,00 |
| 15 | "Să ne pregătim pentru BAC! Program inovator de formare a competenţelor cheie pentru promovarea examenului de bacalaureat", contract nr: POSDRU/153/1.1/S/138618, aprilie 2014-septembrie 2015, expert curricula, expert pe termen scurt | | 0,50 | 1,00 |
| 16 | Dezvoltarea de competente cheie pentru evaluari nationale de succes!”, Cod Contract: POSDRU/153/ 1.1/S/138267, aprilie 2014-septembrie 2015, coordinator de monitorizare si implementare proiect, expert pe termen lung | | 0,50 | 1,00 |

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| 17 | „ACTIV pe Piaţa Muncii: Abilităţi şi Competenţe Tehnice pentru Integrare şi Valorificare pe Piaţa Muncii", Cod Contract: POSDRU/125/5.1/S/125723– Responsabil formare proiect, expert pe termen lung, 2014-2015 | | 1,50 | 3,00 |
| 18 | POSDRU ID 150650 ANTREPRENOR- Idei de afaceri de succes si dezvoltarea antreprenoriatului in regiunile Bucuresti-Ilfov si Sud-Vest Oltenia, 2015 – Coordonator formare proiect | | 1,00 | 2,00 |
| 19 | Platforma de formare şi cercetare interdisciplinară pentru evaluarea calităţii materialelor şi produselor QEVMAT, contract nr. 24/25.09.2006, cod CNCSIS nr. 71, 2006, colaborator | | 1,00 | 2,00 |
| **Total 2.5.2. Membru în echipă proiecte nationale** | | | | **85,00** |
| **Total 2.5. Granturi / proiecte castigate prin competitie** | | | | **811,75** |
| **2.6 Coordonare/dezvoltare laborator/centru cercetare (dacă laboratorul este și didactic, punctajul se ia în calcul o singură dată)** | **Responsabil** | | | **200,00** |
| | Laborator de Automatizari industriale | | | 40,00 |
| | Laborator de Fabricatie Aditiva (CK009b) | | | 40,00 |
| | Centrul CECA – ECDL CAD | | | 40,00 |
| | Centrul de cercetare/dezvoltare/inovare CAMIS - director de centru din 2013-prezent | | | 40,00 |
| | Responsabil laborator Tehnologia Informatiei , CK 105 | | | 40,00 |
| **TOTAL A2** | | | | **1442,64** MINIM 230 |

**A3. Recunoaşterea si impactul activităţii**

| | | | Nr. Autori articol citat | Total |
|---|---|---|---|---|
| **3.1 Vizibilitate în baze de date internaționale** | Număr de citări în publicații (fără autocitări) | | **Total** | **166,94** |
| **3.1.1 citări în articole indexate ISI** | | | | |
| **1. Diana Popescu, Aurelian Zapciu , Catalin Amza, Florin Baciu, Rodica Marinescu, FDM process parameters influence over the mechanical properties of polymer specimens: A review, Polymer Testing 69, pp. 157-166, 2018 https://doi.org/10.1016/j.polymertesting.2018.05.020, Revista Q1, factor impact 2018 – 2.943, pe 5 ani 3.07, ISSN: 0142-9418, eISSN: 1873-2348, 2018 (2 domenii ambele Q1 - Materials Science, Characterization & Testing si Polymer Science)** | 1.1 Flexural Properties and Fracture Behavior of CF/PEEK in Orthogonal Building Orientation by FDM: Microstructure and Mechanism By:Li, QS ; Zhao, W ; Li, YX ; Yang, WW ; Wang, G POLYMERS Volume: 11 Issue: 4 Article Number: 656 Published: APR 2019, WOS:000467312900085 PubMed ID: 30974859 eISSN: 2073-4360 | | **5** | 2,00 |
| | 1.2 The influence of slicing parameters on the multi-material adhesion mechanisms of FDM printed parts: an exploratory study, Tamburrino, F; Graziosi, S ; Bordegoni, M , VIRTUAL AND PHYSICAL PROTOTYPING DOI: 10.1080/17452759.2019.1607758 , WOS:000470329200001 ISSN: 1745-2759 eISSN: 1745-2767 | | **5** | 2,00 |
| | 1.3 Democratising the design of 3D printed functional components through a hybrid virtual-physical design methodology By:Goudswaard, M ; Hicks, B ; Nassehi, A, 6TH CIRP GLOBAL WEB CONFERENCE - ENVISAGING THE FUTURE MANUFACTURING, DESIGN, TECHNOLOGIES AND SYSTEMS IN INNOVATION ERA (CIRPE 2018) Edited by:Simeone, A; Priarone, PC Book Series: Procedia CIRP Volume: 78 Pages: 394-399 DOI: 10.1016/j.procir.2018.08.317 Published: 2018 WOS:000471250900068 ISSN: 2212-8271 | | **5** | 2,00 |
| | 1.4 The impact of defects on tensile properties of 3D printed parts manufactured by fused filament fabrication By: Fayazbakhsh, Kazem; Movahedi, Mobina; Kalman, Jordan MATERIALS TODAY COMMUNICATIONS Volume: 18 Pages: 140-148 Published: MAR 2019 , WOS:000456868200019 ISSN: 2352-4928 | | **5** | 2,00 |
| | 1.5 Influence of infill properties on flexural rigidity of 3D-printed structural members, Porter, JH ; Cain, TM ; Fox, SL ; Harvey, PS, VIRTUAL AND PHYSICAL PROTOTYPING Volume: 14 Issue: 2 Pages: 148-159 Published: 2019 WOS:000455357300006 ISSN: 1745-2759 eISSN: 1745-2767 | | **5** | 2,00 |

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| | 1.6 Mechanical properties of ULTEM 9085 material processed by fused deposition modeling By: Byberg, Kate Iren; Gebisa, Aboma Wagari; Lemu, Hirpa G., POLYMER TESTING Volume: 72 Pages: 335-347 Published: DEC 2018, WOS:000454464600039 ISSN: 0142-9418 eISSN: 1873-2348 | | **5** | 2,00 |
| | 1.7 3D Printing of Porous Scaffolds with Controlled Porosity and Pore Size Values, By: Buj-Corral, Irene; Bagheri, Ali; Petit-Rojo, Oriol MATERIALS Volume: 11 Issue: 9 Article Number: 1532 Published: SEP 2018, WOS:000446395200048 PubMed ID: 30149625 ISSN: 1996-1944 | | **5** | 2,00 |
| | 1.8 Polylactide (PLA) Filaments a Biobased Solution for Additive Manufacturing: Correlating Rheology and Thermomechanical Properties with Printing Quality,<br>Cicala, G ; Giordano, D ; Tosto, C ; Filippone, G ; Recca, A ; Blanco, I MATERIALS Volume: 11 Issue: 7 Article Number: 1191 Published: JUL 2018, WOS:000442117300142 PubMed ID: 29997365<br>ISSN: 1996-1944 | | **5** | 2,00 |
| **2. Spanu, P ; Amza, CG ; Dinu, G, Statistical Analysis of Some Mechanical Characteristics of Glass Fiber Reinforced Composites, MATERIALE PLASTICE, Volume: 54, Issue: 4, Pages: 601-605, Published: DEC 2017, ISSN: 0025-5289 , factor impact 2017 : 1,248 , WOS:000426412500001** | 2.1 The Influence of Composite Polymeric Materials Topology Over the Shearing Modulus Using Virtual Instruments, By: Marinescu, M ; Butu, L ; Borda, C ; Arsene, D ; Butu, M, MATERIALE PLASTICE, Volume: 55, Issue: 4, Pages: 524-530, Published: DEC 2018 , WOS:000454987400014, ISSN: 0025-5289 | | **3** | 3,33 |
| **3Catalin Gheorghe Amza, Aurelian Zapciu and Diana Popescu, Paste Extruder—Hardware Add-On for Desktop 3D Printers, Technologies 2017, 5(3), 50; doi:10.3390/technologies5030050, 2017 http://www.mdpi.com/2227-7080/5/3/50/htm WOS:000410651800014** | 3.1 Multi-material 3D Printed Bendable Smart Sensing Structures, By:Nassar, H ; Ntagios, M ; Navaraj, WT ; Dahiya, R , 2018 IEEE SENSORS, Book Group Author(s):IEEE, Book Series: IEEE Sensors, Pages: 1725-1728, Published: 2018, WOS:000468199300444, ISBN:978-1-5386-4707-3, ISSN: 1930-0395 | | **3** | 3,33 |
| **4. Moga, M; Semenescu, A ; Chivu, RD ; Costoiu, MC; Mates, IM ; Calin, CI ; Amza, CG ; Pogarasteanu, ME ; Oproiu, AM; Radu, FI, An Alternative Femoral Stem-bone Implantation Technique Using an Innovative Short Femoral Stem Endoprosthesis, REVISTA DE CHIMIE, Volume: 69 , Issue: 11 , Pages: 4199-4203 , Published: NOV 2018 , FI 1.412, WOS: 000451931500074** | 4.1 Lateral Extraarticular Tenodesis in Combined ACL and ALLReconstruction Case presentation, Paraschiv, R ] ; Dinache, G ; Drignei, M ; Jovenet, E ; Ferechide, D ; Lazarescu, S; REVISTA DE CHIMIE, Volume: 69, Issue: 12, Pages: 3749-3752, Published: DEC 2018 , WOS:000458533800090, ISSN: 0034-7752 | | **10** | 1,00 |
| | 4.2 The Role of Osteosynthesys Materials in the Etiopathology of Bone Malignant Tumors and Reconstruction Possibilities Case report, CEZAR IONUT CALIN, MARINEL DRIGNEI, STERGIOS GANATSIOS, ERIC JOVENET, GEORGE DINACHE, FLORIN SAVULESCU, DUMITRU FERECHIDE, REV.CHIM.(Bucharest)♦69♦No. 12 ♦2018 | | **10** | 1,00 |
| **5. Doicin, B., Patrascioiu, C., Amza, C.G., Onutu, I., Mathematical Model for Studying the Variation of Gasoline-Bioethanol Blend Properties, REV. CHIM. (Bucharest), vol. 66, No. 4, 2015, pp. 523-528, ISSN 0034-7752, factor impact 0.677 pe 2013, 2015, WOS: 000354914500019** | 5.1 Renewable Energy from Agricultural Waste<br>By: Bran, Stefania Daniela; Chipurici, Petre; Bran, Mariana; Vlaciu, Alexandru; REVISTA DE CHIMIE Volume: 69 Issue: 6 Pages: 1363-1366 Published: JUN 2018, WOS:000438397400013, ISSN: 0034-7752 | | **4** | 2,50 |
| | 5.2 Chemical Analysis of Retail Automotive Gasolines on Romanian Market, By:Sandu, V ; Sova, D ; Ivanoiu, M ; Manea, L; REVISTA DE CHIMIE, Volume: 67, Issue: 12, Pages: 2623-2627, Published: DEC 2016, WOS:000393230400048, ISSN: 0034-7752 | | **4** | 2,50 |

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| **6. Amza, C.G. , Cicic, D.T., Industrial image processing using fuzzy-logic, 25th DAAAM International Symposium on Intelligent Manufacturing and Automation, DAAAM 2014, Procedia Engineering, vol 100, pp 492- 498, doi: 10.1016/j.proeng.2015.01.404, WOS: 000373966500009,** | 6.1 An intelligent integrated approach of Jaya optimization algorithm and neuro-fuzzy network to model the stratified three-phase flow of gas-oil-water, By: Roshani, Gholam Hossein; Karami, Ali; Nazemi, Ehsan, COMPUTATIONAL & APPLIED MATHEMATICS Volume: 38 Issue: 1 Article Number: UNSP 5 Published: MAR 2019, WOS:000461383900007, ISSN: 2238-3603, eISSN: 1807-0302 | | **2** | 5,00 |
| | 6.2 Selected Method of Image Analysis Used in Quality Control of Manufactured Components, By: Vacho, Lukas; Balazi, Juraj; Paulovic, Stanislav; Adamovsky, F, TEM JOURNAL-TECHNOLOGY EDUCATION MANAGEMENT INFORMATICS Volume: 7 Issue: 2 Pages: 281-285 Published: MAY 2018, WOS:000433371200006, ISSN: 2217-8309, eISSN: 2217-8333 | | **2** | 5,00 |
| | 6.3 Interior point search for nonparametric image segmentation By: Onal, Sinan; Chen, Xin; Balasooriya, Madagedara Maduka SIGNAL IMAGE AND VIDEO PROCESSING Volume: 12 Issue: 2 Pages: 363-370 Published: FEB 2018, WOS:000424676800021, ISSN: 1863-1703, eISSN: 1863-1711 | | **2** | 5,00 |
| **7. Rontescu, C; Cicic, DT ; Amza, CG ; Chivu, OR ; Iacobescu, G , Comparative Analysis of the Components Obtained by Additive Manufacturing Used for Prosthetics and Medical Instruments, REVISTA DE CHIMIE, Volume: 68, Issue: 9, Pages: 2114-2116, Ris6. Published: SEP 2017, FI 1,232 pe 2016, WOS:000416748800036** | 7.1 The SLA Technology and Economical Development In Romanian Dentistry, By: Diana-Irinel, Baila; Sergiu, Tonoiu Conference: 31st International-Business-Information-Management-Association Conference Location: Milan, ITALY Date: APR 25-26, 2018, Sponsor(s): Int Business Informat Management Assoc INNOVATION MANAGEMENT AND EDUCATION EXCELLENCE THROUGH VISION 2020, VOLS I -XI Pages: 6683-6687 Published: 2018, WOS:000444067203094, ISBN:978-0-9998551-0-2 | | **5** | 2,00 |
| **8. Apostolescu, Z; Chivu, OR ; Semenescu, A ; Basis, C ; Amza, C ; Iacobescu, G ; Gligor, MA ; Nitoi, D ; Adir, GM , The Impacts of Industrial Processing of Oil on Soil Quality, REVISTA DE CHIMIE, Volume: 68, Issue: 1, Pages: 111-115, Published: JAN 2017, WOS:000395499200024** | 8.1 Different Methods of Gas Dehydration -Compared Analysis on Real Casuistry, By: Stefanescu, Dan Paul, REVISTA DE CHIMIE Volume: 68 Issue: 9 Pages: 2117-2121 Published: SEP 2017, WOS:000416748800037, ISSN: 0034-7752 | | **9** | 1,11 |
| **9. Grigoriu, M., Cavaropol, D.V., Amza, C.G., Gheorghiu, L., Ciobanu, Gh., Pumping systems rehabilitation impact on energy savings and environment, in Proc. of IASME/WSEAS, EE'09, pp.66-70, Cambridge, United Kingdom, februarie, 2009, ISSN1790-5095, ISBN 978-960-474-055-0, articol indexat ISI Web of Knowledge WOS:00026567350000** | 9.1 Effects of impeller trim on performance of two-stage self-priming centrifugal pump, By: Wang, Kai; Zhang, Zixu; Jiang, Linglin; Liu, Houlin; Li, Yu, ADVANCES IN MECHANICAL ENGINEERING Volume: 9 Issue: 2 Article Number: 1687814017692493 Published: FEB 1 2017 WOS:000394868900050 | | **5** | 2,00 |
| **10. Popescu, D.; Anania, F. D.; Cotet, C. E. & Amza, C. G., Fully-Automated Liquid Penetrant Inspection Line Simulation Model For Increasing Productivity, Int j simul model 12 (2013) 2, 82-93, ISSN 1726-4529, factor de impact 1.7 WOS:000320830500002** | 10.1 PRODUCTION SYSTEMS FLOW MODELLING USING DECOMPOSITION METHOD AND REQUIRED BUFFERS By: Gingu (Boteanu), E., I; Zapciu, M.; Cavalieri, S. INTERNATIONAL JOURNAL OF SIMULATION MODELLING Volume: 16 Issue: 2 Pages: 207-218 Published: JUN 2017, WOS:000406223400002, ISSN: 1726-4529, eISSN: 1996-8566 | | **4** | 2,50 |
| | 10.2 Nondestructive evaluation of GFRP composite including multi-delamination using THz spectroscopy and imaging , Han, DH ; Kang, LH, COMPOSITE STRUCTURES, Volume: 185, Pages: 161-175, DOI: 10.1016/j.compstruct.2017.11.012, Published: FEB 1 2018; WOS:000418961000013 | | **4** | 2,50 |

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|---|---|---|---|---|
| **11. D. Popescu, D.F. Anania, C.G. Amza, D.T. Cicic, Design and rapid manufacturing of patient-specific spinal surgical guides: a survey, International Conference of Manufacturing Systems, vol 7, issue 1, pp1-10, 2012, ISSN 2067-9238; indexat GOOGLE Scholar Academic** | 11.1 Applications of 3D printing in the management of severe spinal conditions, By:Provaggi, E (Provaggi, Elena)[ 1 ] ; Leong, JJH (Leong, Julian J. H.)[ 1,2 ] ; Kalaskar, DM (Kalaskar, Deepak M.)[ 1 ] PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART H-JOURNAL OF ENGINEERING IN MEDICINE Volume: 231 Issue: 6 Pages: 471-486 Special Issue: SI DOI: 10.1177/0954411916667761 Published: JUN 2017 ; WOS:000404235400002 | | **4** | 2,50 |
| **12. Rontescu, C., Cicic, D.T., Amza, C.G., Chivu, O., Dobrota, D., Choosing the optimum material for making a bicycle frame, Jurnal Metalurgija, Hrvatsko Metalursko Društvo (HMD), vol. 54, nr.4, pp. 679-682, revista cotata Thomson Reuters, 2013/2014 Impact Factor : 0.755, ISSN 0543-5846, 2015 WOS: 000356463800020, zona galbena Q2** | 12.1 Structural analysis and optimization of bicycle frame designs, By:Lin, CC; Huang, SJ ; Liu, CC, ADVANCES IN MECHANICAL ENGINEERING, Volume: 9 Issue: 12 Article Number: 1687814017739513 DOI: 10.1177/1687814017739513 Published: DEC 16 2017 WOS:000418166600001 | | **5** | 2,00 |
| **13. Intelligent x- ray based training system for pedicle screw placement in lumbar vertebrae By: Popescu, D; Amza, CGh; Anania, DF; et al. Acad J Manuf Eng Volume: 9 Issue: 1 Pages: 94-101 Published: 2011** | 13.1 An automatic and patient-specific algorithm to design the optimal insertion direction of pedicle screws for spine surgery templates , By:Naddeo, F ; Cataldo, E ; Naddeo, A ; Cappetti, N ; Narciso, N, MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING Volume: 55 Issue: 9 Pages: 1549-1562 DOI: 10.1007/s11517-017-1627-9 Published: SEP 2017 WOS:000408423400002 | | **3** | 3,33 |
| | 13.2 Spine segmentation from C-arm CT data sets: application to region-of-interest volumes for spinal interventions By:Buerger, C ; Lorenz, C ; Babic, D ; Hoppenbrouwers, J ; Homan, R ; Nachabe, R ; Racadio, JM; Grass, M , MEDICAL IMAGING 2017: IMAGE-GUIDED PROCEDURES, ROBOTIC INTERVENTIONS, AND MODELING Edited by:Webster, RJ; Fei, B Book Series: Proceedings of SPIE Volume: 10135 Article Number: UNSP 101351N DOI: 10.1117/12.2249031 Published: 2017 WOS:000405560700056 | | **4** | 2,50 |
| **14. Amza, C., G., Bones detection from chicken breast meat using a competitive Hopfield neural network and fuzzy reasoning, U.P.B. Scientific Bulletin, Series C – Electrical Engineering, vol. 63, no.3, pp. 53-64, UPB, Bucharest, Romania, 2001, ISSN 1454-234X)** | 14.1 Fuzzy concepts applied to food product quality control: A review; By: Perrot, N; Ioannou, I; Allais, I; et al. FUZZY SETS AND SYSTEMS Volume: 157 Issue: 9 Pages: 1145-1154 Published: MAY 1 2006; WOS:000236617700002 | | 1 | 10,00 |
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| **16. Amza, C.G., Intelligent x-ray imaging inspection system for composite materials with polymeric matrix, Revista de materiale plastice, MPLAAM nr.4, vol. 44(4), pag. 326-331, ISSN 0025/5289, revista cotata ISI, factor de impact 0.319, 2007** | 16.1 Electrical Conductivity of Fabric Based Filled Epoxy Composites; By: Circiumaru, Adrian; Andrei, Gabriel; Birsan, Iulian-Gabriel; Semenescu A., MATERIALE PLASTICE Volume: 46 Issue: 2 Pages: 211-214 Published: JUN 2009; WOS:000269110000020 | | 1 | 10,00 |
| | 16.2 Experimental and Theoretical Researches Regarding Ultrasonic Welding Process Optimization of the Polymeric Matrix Composite Materials, Amza, G ; Luchian, C ; Nitoi, DF (Nitoi, ; Dumitrache, F ; Borda, C ; Voda, M ; Mihon, L, MATERIALE PLASTICE, Volume: 46, Issue: 3, Pages: 327-335, Published: SEP 2009, WOS:000272488600022, ISSN: 0025-5289 | | 1 | 10,00 |
| | 16.3 Contributions Regarding Plastic Materials Ultrasonic Welding used in Automotive Industry, Amza, G ; Luchian, C ; Nitoi, DF ; Dumitrache, F; Borda, C; Grigoras, S, MATERIALE PLASTICE, Volume: 47, Issue: 1, Pages: 90-93, Published: MAR 2010 , WOS:000276587100017, ISSN: 0025-5289 | | 1 | 10,00 |

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| | 16.4 THE STUDY OF THE ROUGHNESS ESTABLISHED IN LASER BEAM MACHINING OF GLASS REINFORCED COMPOSITE POLYMERIC MATERIALS By: Ionescu, Nicolae; Visan, Aurelian; Doicin, Cristian; Popescu, D ; Hincu, D, Edited by: Katalinic, B; Conference: 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium Location: Vienna, AUSTRIA Date: NOV 25-28, 2009 ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM Book Series: Annals of DAAAM and Proceedings Volume: 20 Pages: 1147-1148 Published: 2009; WOS:000282335600574 | | 1 | 10,00 |
| **17. Amza, G., Marinescu, M., Moraru, A., Amza, C.G., Negut, N., Stoica, G, Monitoring the processing temperature of the polymeric matrix composite materials, Revista de materiale plastice, MPLAAM nr.1, vol. 45(1), pag. 61-66, ISSN 0025/5289, revista cotata ISI, factor de impact 0.319, 2008** | 17.1 Polymer as Metal Replacement for Pneumatic Drives Rods Working in Dry Friction Condition; By: Podaru, Geanina Marcela; Ciortan, Sorin; Birsan, Iulian Gabriel; MATERIALE PLASTICE Volume: 48 Issue: 3 Pages: 214-217 Published: SEP 2011; WOS:000296956300002 | | 6 | 1,67 |
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| | 17.4 Determination of the Factors Influencing the Flame Retardant Efficiency of the Protection - Dyed Cellulose Materials Using the Analysis of Variances By: Popescu, Vasilica; Manea, Liliana Rozemarie; Amariei, Nicusor; MATERIALE PLASTICE Volume: 46 Issue: 1 Pages: 95-100 Published: 2009; WOS:000265431100018 | | 6 | 1,67 |
| | 17.5 Structural Investigation Concerning Mechanical Behaviour of Two Dental Acrylic Resins; By: Bortun, Cristina; Ghiban, Brandusa; Sandu, Liliana; Faur, N; Ghiban, N; Cenerscu, A.; MATERIALE PLASTICE Volume: 45 Issue: 4 Pages: 362-365; Published: DEC 2008; WOS:000262600800011 | | 6 | 1,67 |
| **18. G. Amza, A. Hadăr, Z. Apostolescu, C.G. Amza, L.E. Anton – Determinarea prin calcul numeric a parametrilor funcţionali ai sistemelor ultraacustice folosite la sudarea cu ultrasunete a materialelor compozite inteligente, Revista Materiale Plastice, MPLAAM 44(2)(97-174) ISSN 0025/5289, nr. 2, pag. 60-65, revista cotata ISI, factor de impact 0.319, 2007; WOS:000248937300006** | 18.1 Stress Analysis in Adhesive Cylindrical Assemblies made by Hybride Materials; By: Nemes, O ; Lachaud, F ; Mojtabi, A ; Borzan, M ; Grigoras, S ; MATERIALE PLASTICE Volume: 45 Issue: 4 Pages: 390-393 Published: DEC 2008; WOS:000262600800016 | | 5 | 2,00 |
| | 18.2 Ultrasonic Response of Polymers by Non-contact Transducers By: Petculescu, Petre; Zagan, Remus; Dimitrescu, Dan; MATERIALE PLASTICE Volume: 45 Issue: 3 Pages: 246-250 Published: SEP 2008; WOS:000259940400006 | | 5 | 2,00 |
| | 18.3 Researches of High Frequency Welding Process Validation for Same Polymers By:Mitelea, I ; Varzaru, N; Popovici, D ; Popescu, M ; Bordeasu, I, MATERIALE PLASTICE Volume: 45 Issue: 3 Pages: 289-294 Published: SEP 2008; WOS:000259940400015 | | 5 | 2,00 |

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| **19. Popescu. D., Amza C.G., Laptoiu D., Amza G., Competitive Hopfield Neural Network Model for Evaluating Pedicle Screw Placement Accuracy, Strojniški vestnik - Journal of Mechanical Engineering, 58(2012)9, pp509-516, factor impact 0.466, 2012, ISSN 0039-2480** | 19.1 Error Correction and Detection System Based on Hopfield Networks, By: Ionescu, L.; Anton, C.; Tutanescu, I.; Mazare, A ; Serban, G; Book Group Author(s): IEEE Conference: 7th International Conference for Internet Technology and Secured Transactions (ICITST) Location: London, ENGLAND Date: DEC 10-12, 2012; Sponsor(s): IEEE United Kingdom/ Republic Ireland Sect Comp Chapter (UK/RI); Infon Soc; IEEE 2012 INTERNATIONAL CONFERENCE FOR INTERNET TECHNOLOGY AND SECURED TRANSACTIONS; Pages: 541-544 Published: 2012; WOS:000317120000087 | | 4 | 2,50 |
| | 19.2 A deep learning framework for segmentation and pose estimation of pedicle screw implants based on C-arm fluoroscopy, By: Esfandiari, H ; Newell, R ; Anglin, C ; Street, J ; Hodgson, AJ, INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY, Volume: 13, Issue: 8, Pages: 1269-1282, DOI: 10.1007/s11548-018-1776-9, Published: AUG 2018, WOS:000440294000013, PubMed ID: 29808466, ISSN: 1861-6410, eISSN: 1861-6429 | | 4 | 2,50 |
| **20. D. Popescu, D.F. Anania, C.G. Amza, D.T. Cicic, Design and rapid manufacturing of patient-specific spinal surgical guides: a survey, International Conference of Manufacturing Systems, vol 7, issue 1, pp1-10, 2012, ISSN 2067-9238** | 20.1 Ali Ebrahimzadeha, Farhad Azimifarb & Reza Nosouhia*, Design and Manufacturing of Integrated Drilling and Cutting Orthopedic Bone-Specific Surgical Guide, Materials and Manufacturing Processes, 2016, 1042-6914 (Print), 1532-2475 (Online), DOI:10.1080/10426914.2015.1025969, WOS:000367338200007, ISSN: 1042-6914, eISSN: 1532-2475 | | 4 | 2,50 |
| **3.1.2 citări în articole** | | | | |
| **indexate BDI** | 1) Waseem Khan, Image Segmentation Techniques: A Survey, Journal of Image and Graphics Vol. 1, No. 4, December 2013, doi: 10.12720/joig.1.4.166-170, indexat in DBLP Bibliography Server | | 1 | 5,00 |
| | 2) Binamrata Baral, Sandeep Gonnade, Toran Verma, Image Segmentation and Various Segmentation Techniques – A Review, International Journal of Soft Computing and Engineering (IJSCE); ISSN: 2231-2307, Volume-4, Issue-1, March 2014, indexat ISI-International Scientific Indexing http://www.ijsce.org/attachments/File/IJSCE_ISI.pdf | | 1 | 5,00 |
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| **Total citări** | | | | |
| **3.2 Prezentări efectuate ca invitat/invitată în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv Erasmus)** | | Nr. prezentari | | |
| 3.2.1 in strainatate | Lector invitat pentru Adult Training Course on Integrated Sustainable Development, 10-14 septembrie 2007, Malta | | | 20,00 |
| 3 | Profesor invitat (Visiting Lecturer) pentru EU Grundtvig In-Service Trening course on Eco Innovation and Sustainable Development, modulul Computer Aided Tools for Eco Design, 10-14 septembrie 2012, Malta | | | 20,00 |
| TOTAL 3.2.1 | | | | **40,00** |
| **3.3 (a) Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice/(b) Recenzent pentru reviste și manifestări științifice naționale și internaționale indexate ISI** | **Punctajul se ia în calcul o singură dată pentru o revistă sau o manifestare științifică** | | | |

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| | Evaluator extern Sensors | | | 10,00 |
| | Evaluator extern Technology | | | 10,00 |
| | Evaluator extern Sustainability | | | 10,00 |
| | Evaluator extern Entropy | | | 10,00 |
| | Evaluator extern Materials | | | 10,00 |
| | Evaluator extern revista Technology | | | 10,00 |
| | Evaluator extern revista 3DP and Additive Manufacturing | | | 10,00 |
| | Evaluator extern Measurement | | | 10,00 |
| | Evaluator extern pentru revista Machine Vision and Applications, ISSN: 0932-8092, Journal no. 138, Springer, http://www.springer.com/computer/computer+imaging/journal/138 | | | 10,00 |
| | Evaluator extern pentru revista Nuclear Science and Techniques, http://ip-science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Full=Nuclear%20Science%20and%20Techniques ISSN 1001-8042 | | | 10,00 |
| | Evaluator extern pentru revista African Journal Of Mathematics And Computer Science Research, http://www.academicjournals.org/journal/AJMCSR (indexata in EZB, Genamics Journal Seek, Google Scholar, Open J-Gate, WorldCat) | | | 8,00 |
| | Member of the Scientific Committee of ICSAAM 2017, Bucharest, Romania | | | 8,00 |
| | Member in International Scientific Committee and external reviewer in International Conference on Computational Intelligence and Communication Networks (CICN 2010), www.cicn.info (IEEE Xplore BDI) | | | 8,00 |
| | Programme Committee member, International Conference on Computational Intelligence and Communication Systems, 2010, 2011, 2012, 2013 (8x4=32 puncte) | | | 32,00 |
| | Membru comitetul stiintific al WSEAS Multi-Conference Bucharest, Romania, april 20-22, 2010, with ISI proceedings http://www.wseas.us/conferences/2010/bucharest/rima/committee.htmChairman conferinta internationala ECC – Computing, WSEAS Multi-Conference, Bucharest, Romania, april 20-22, 2010Co-chair of the WSEAS (World Scientific and Engineering Academy and Society) European Computing Conference 2010, www.wseas.org<br>Co-chair of the WSEAS (World Scientific and Engineering Academy and Society) Computational Intelligence 2010, www.wseas.org<br>Co-chair of the WSEAS (World Scientific and Engineering Academy and Society) FINITE DIFFERENCES - FINITE ELEMENTS - FINITE VOLUMES - BOUNDARY ELEMENTS (F-and-B '10)Conference 2010, www.wseas.org<br>Co-chair of the WSEAS (World Scientific and Engineering Academy and Society) European ENERGY AND ENVIRONMENT TECHNOLOGIES AND EQUIPMENT (EEETE '10) Conference 2010, www.wseas.org indexat SCOPUS 2-s2.0-79952682365; ACM | | | 8,00 |
| | Chair multiple session of the World ScientIfic and Engineering Academy and Society, Vouliagmeni, Athens, Greece, May 14-16, 2013, http://www.wseas.org/multimedia/conferences/2013/Vouliagmeni/Program.pdf ; Indexat TIB(German nationalibrary os Science and Technology): https://getinfo.de/app/details?cluster=tib&term=amza&tib=zbwkat&tib=roempp&tib=blcp&tib=dkf&tib=sudoc&tib=tema&tib=ceaba&tib=zbmkm&tib=ntis&tib=rdat&tib=tibkat&tib=citeseerx&tib=blse&tib=kmo3d&tib=iud&tib=zbmql&tib=kmoav&tib=zmat&tib=etde&tib=temaext&tib=rswb&tib=insp&tib=dkfl&tib=prob&tib=epo&Dissued=2013&hit=4 | | | 8,00 |
| Membru comitet, recenzent, organizator neindexate | | | | |
| | Membru in comitetul de organizare al conferintei internationale TQSD2006 (Technology and Quality for Sustained Development) Punctaj=5 | | | 5,00 |
| | Membru in comitetul de organizare al conferintei internationale TQSD2008 (Technology and Quality for Sustained Development) | | | 5,00 |
| | Membru in comitetul de organizare al conferintei internationale TQSD2012 (Technology and Quality for Sustained Development) | | | 5,00 |
| **Total 3.3** | | | | **187,00** |
| 3.4 Experiență de management, analiză și evaluare în cercetare și/sau învățământ | | | | |
| 3.4.1. Conducere | | Nr. ani | | Total |
| | CAMIS – director cercetare (5 ani - 2008-2013) | 5 | | 25,00 |

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| | CAMIS - director centru (2013-prezent) | 6 | | 30,00 |
| 3.4.2. Membru | | Nr. ani | | Total |
| | 1) Evaluator extern pentru programul de cercetare Horizon 2020 al Comisiei Europene, 2015 | 4 | | 8,00 |
| | 2) Expert evaluator faza B POSDRU, august 2013-martie 2014 (CPP138, 139, CPP 165, CPP152) – 1.32 puncte | 0,66 | | 1,32 |
| | 3) Expert evaluator ANPCDEFP pentru programul ERASMUS+ (exercitiul 2014-2020) al Comisiei Europene (din februarie 2014-prezent) | 4 | | 8,00 |
| | 4) Expert evaluator ANC (Autoritatea Nationala pentru Calificari) – 2014 – prezent | 3,5 | | 7,00 |
| | 5) Expert evaluator CNCSIS pentru proiectele de Cercetare exploratorie, Programul PN2, IDEI, 2008 | 1 | | 2,00 |
| | Leonardo da Vinci, Transfer of Innovation finantate de Comisia Europeana, din 2009 – 2015 | 6 | | 12,00 |
| | 7) Evaluator extern EACEA pentru proiectele de Long Life Learning, Leonardo da Vinci, Development of Innovation, finantate de Comisia Europeana, Brussels, din 2011 – 2014 | 3 | | 6,00 |
| | 8) Expert pentru Romania in cadrul EU tender EUMIDA "Feasibility study for creating a European university data collection" (2009-2010) | 2 | | 4,00 |
| | 9) PhD External Evaluator, "A Feasible Solution Space Filtering Approach Framework from 'Life-oriented Product Structure Specifications" submitted by Ms Alexia Grech for being graduated by University of Malta, 2011 | 0,4 | | 0,80 |
| | 10) Membru in Consiliul Departamentului TMS 2012-prezent | 7 | | 14,00 |
| **Total 3.4** | | | | **118,12** |
| 3.5 Premii | | | | |
| 3.5.3. Premii internaționale | | Nr. premii | | Total |
| | PLATINUM MEDAL & INTARG®, DIPLOMA International Invention and Innovation Show, INTARG® POLAND, Awarded to: University POLITEHNICA of Bucharest for the invention: INSTALLATION FOR EVALUATING QUALITY OF INDUSTRIAL PRODUCTS, The President of International Jury Prof. Krzysztof Biernat, , The President of Eurobusiness-Haller Barbara Haller de Hallenburg, 125, 20-21 June 2018 Katowice, Poland; | 1 | | 10,00 |
| | MINISTERSTWO INWESTYCJI I ROZWOJU, DYPLOM DLA University POLITEHNICA of Bucharest, w związku z przynaniem przez jury 11. Międzynarodowych Targów Wynalazków i Innowacji INTARG 2018, Nagrody Platynowej za Installation for evaluating quality of industrial products, Jerzy Kwieciński Minister Inwestycji i Rozwoju, Katowice, 21 czerwca 2018 r.<br>(MINISTRY OF INVESTMENT AND DEVELOPMENT, DIPLOMA FOR POLITEHNICA University of Bucharest, in connection with the jury of the 11th International Fair of Inventions and Innovations INTARG 2018, PLATINUM PRIZE for Installation for evaluating the quality of industrial products, Jerzy Kwieciński Minister of Investment and Development, Katowice, June 21, 2018. | 1 | | 10,00 |
| | . MEDALIA DE ARGINT şi DIPLOMA se acordă pentru invenţia INSTALATIE DE EVALUAREA A CALITATII PRODUSELOR INDUSTRIALE, autori AMZA Catalin Gheorghe, CICIC Dumitru Titi, POPESCU Diana, AMZA Gheorghe, SEMENESCU Augustin, Salonul Internațional de Invenții și Inovații ,,TRAIAN VUIA" Timișoara ediția IV, în perioada 13-15 Iunie 2018, Presedinte Juriu Radu Dimeca, Presedinte salon Remi Radulescu | 1 | | 10,00 |
| | EXCELLENCE DIPLOMA and SPECIAL PRIZE for work OSIM A/00707, OSIM A/ 00914, OSIM A/00672, OSIM A/01173, OSIM A/ 00133, OSIM A/00913, RO 128159B1, OSIM A/ 00528, OSIM A/ 00537, prezentate la Salonul de Inventii TRAIAN VUIA 2018. Authors UNIVERSITATEA POLITEHNICA BUCURESTI. Universitatea de Ştiinţe Agricole si Medicina Veterinara a Banatului " Regele Mihai I al României" din Timisoara Rector Prof univ. dr.ing.Cosmin-Alin Popescu, Vicerector for research-innovation Prof univ. dr.Isidora Radulov. | 1 | | 10,00 |
| | DIPLOMA OF EXCELLENCE E U R O I N V E N T 10th European Exhibition of Creativity and Innovation Iasi, Romania, 17-19 May 2018 is awarded to: Amza Catalin Gheorghe, Cicic Dumitru Titi, Popescu Diana, Amza Gheorghe, Semenescu Augustin for INSTALLATION FOR EVALUATING QUALITY OF INDUSTRIAL PRODUCTS. | 1 | | 10,00 |
| | DIPLOMA DE EXCELENTA SI MEDALIA DE AUR se acorda pentru INSTALATIE DE EVALUAREA A CALITATII PRODUSELOR INDUSTRIALE (INSTALLATION FOR EVALUATING QUALITY OF INDUSTRIAL PRODUCTS), Autori: AMZA Catalin Gheorghe, CICIC Dumitru Titi, POPESCU Diana, AMZA Gheorghe, SEMENESCU Augustin, RO128159 B1 din 29.05.2015, Salonul Internațional al Cercetării Științifice, Inovării și Inventicii PRO INVENT, ediția a XVI-a, 21-23 martie 2018, Sala Polivalentă, CLUJ–NAPOCA. | 1 | | 10,00 |

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| | MARELE PREMIU al Universitatii Tehnice se acorda Universitatii POLITEHNICA Bucuresti pentru inventiile prezentate la salonul Pro Invent 2018, OSIM A/00707 din 8.11.2017, OSIM A/00914 din 9.11.2017, OSIM A/00672 din 18.09.2017, OSIM A/01173 din 28.12.2017, OSIM 00133/ 06.03.2017, OSIM A 00913/09.11.2017, RO128159 B1 din 29.05.2015, RO131943(A0) 2017-06-30. (CRANIAL ENDOPROTHESIS WITH A SLIDING SYSTEM, CRANIAL IMPLANT WITH OSTEOINTEGRATING STRUCTURES AND FUNCTIONAL COATINGS, ACETABULAR MILLING DEVICE, ANOSCOPE WITH ADJUSTABLE OPERATIVE FIELD, METHOD AND INSTALLATION FOR ELECTROCHEMICAL OBTAINING OF A COMPOSITE MATERIAL WITH METALLIC MATRIX, ESO-TRAHEOSCOPE, INSTALLATION FOR EVALUATING QUALITY OF INDUSTRIAL PRODUCTS, METHOD FOR OBTAINING SCAFFOLDS WITH PREDETERMINED PHYSICO-CHEMICAL CHARACTERISTICS FOR MAJOR BONE RECONSTRUCTION), Salonul Internațional al Cercetării Științifice, Inovării și Inventicii PRO INVENT, ediția a XVI-a, 21-23 martie 2018, Sala Polivalentă, CLUJ–NAPOCA | 1 | | 10,00 |
| | GOLD MEDAL and Diploma offered by the JURY of The 45-th International Exhibition of Inventions of Geneva-2017, for “Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect” invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina, presented at The 45-th International Exhibition of Inventions of Geneva-2017. | 1 | | 10,00 |
| | GOLD MEDAL and Diploma offered by the Association of PORTUGUESE Inventors, Innovators & Creatives- Geneva-2017, for “Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect” invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina, presented at The 45-th International Exhibition of Inventions of Geneva-2017 | 1 | | 10,00 |
| | GOLD MEDAL and Diploma offered by TAIWAN Invention Association - Geneva-2017, for “Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect” invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina, presented at The 45-th International Exhibition of Inventions of Geneva-2017 | 1 | | 10,00 |
| | Trophy & SPECIAL AWARD of OSIM (State Office for Inventions & Trademarks) RO – Geneva, 2017, for “Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect” invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina, presented at The 45-th International Exhibition of Inventions of Geneva-2017 | 1 | | 10,00 |
| | DIPLÔME & MEDAILLE DE L`AGEPI (AGENCE D`ÉTAT POUR LA PROPRIETÉ INTÉLLECTUELLE DE LA RÉPUBLIQUE DE MOLDAVIE) – Pour ses mérites à la ″The 45-th International Exhibition of Inventions of Geneva-2017″, for “Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect” invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina,. | 1 | | 10,00 |
| | GOLD MEDAL and Diploma of Excellence --INVENTION POT--KINGDOM of SAUDI ARABIA Geneva, 2017, for “Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect” invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina, presented at The 45-th International Exhibition of Inventions of Geneva-2017 | 1 | | 10,00 |

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| | GOLD MEDAL and Diploma of Excellence, The XV edition of the International Exhibition of Research, Innovation and Inventions PRO INVENT, Cluj-Napoca, Romania, 22-24th of March 2017, for "Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect" invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina. | 1 | | 10,00 |
| | TROPHY & PRIZE FOR EXCELENCY IN TECHNICAL CREATIVITY- Pro-Invent 2017 , Universitatea Tehnica Gheorghe Asachi, Iași, Romania, Institutul National de Inventica, Iași, Romania, The XV edition of the International Exhibition of Research, Innovation and Inventions PRO INVENT, Cluj-Napoca, Romania, 22-24th of March 2017. | 1 | | 10,00 |
| | GOLD MEDAL and Diploma INNOVA BARCELONA, The II-nd edition of the World Exhibition on Inventions, Research, and New Technologies, Barcelona, SPAIN, 4-6th of May 2017, for "Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect" invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina. | 1 | | 10,00 |
| | OUTSTANDING INNOVATION AWARD, offered by Bioactive Resources for Innovative Clinical Application Excellent Centre, THAILAND, INNOVA BARCELONA, The II-nd edition of the World Exhibition on Inventions, Research, and New Technologies, Barcelona, SPAIN, 4-6th of May 2017, for "Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect" invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina. | 1 | | 10,00 |
| | PRIZE OF ROMANIAN INVENTORS FORUM — CUP & DIPLOMA, EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T 2017, IAŞI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), IX-th-Ediție, 25-27 May 2017 (http://www.euroinvent.org) for Patents Demands RO131261(A0), RO131379 (A0), RO131543(A2), RO131500(A0), RO 0001/2017(A0) | 1 | | 10,00 |
| | DIPLOMA DE EXCELENTA si MEDALIE DE AUR- Universitatea din Craiova, in semn de recunoastere si pretuire pentru spiritual novator afirmat in domeniulbcercetarii stiintifice, concretizate in realizarea brevetului SEMICONSTRAINED TOTAL ELBOW PROSTHESIS MADE OF SHAPE-MEMORY ALLOYS, WITH COUPLING SYSTEM BASED ON SHAPE-MEMORY EFFECT, autori BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, BARBU Cătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina, EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T 2017, IAȘI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), IX-th-Ediție, 25-27 May 2017 (http://www.euroinvent.org) | 1 | | 10,00 |
| | Special Innovation Award & GOLD MEDAL - Union of Inventors MOROCCO -- for BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, BARBU Cătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina,recognizing the Excellent and Creative Invention SEMICONSTRAINED TOTAL ELBOW PROSTHESIS MADE OF SHAPE-MEMORY ALLOYS, WITH COUPLING SYSTEM BASED ON SHAPE-MEMORY EFFECT, EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T 2017, IAȘI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), IX-th-Ediție, 25-27 May 2017 (http://www.euroinvent.org) | 1 | | 10,00 |

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| | WIIPA ( World Invention Intellectual Property Associations) MEDAL & HONOR of INVENTION Diploma presented to BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, ru BARBU Cătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina,in recognition of SEMICONSTRAINED TOTAL ELBOW PROSTHESIS MADE OF SHAPE-MEMORY ALLOYS, WITH COUPLING SYSTEM BASED ON SHAPE-MEMORY EFFECT, exibited at EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T 2017, IAȘI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), IX-th-Ediție, 25-27 May 2017 (http://www.euroinvent.org) | 1 | | 10,00 |
| | DIPLOMA of GOLD MEDAL-- presented to BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, ru BARBU Cătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina,in recognition of SEMICONSTRAINED TOTAL ELBOW PROSTHESIS MADE OF SHAPE-MEMORY ALLOYS, WITH COUPLING SYSTEM BASED ON SHAPE-MEMORY EFFECT, exibited at EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T 2017, IAȘI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), IX-th-Ediție, 25-27 May 2017 (http://www.euroinvent.org | 1 | | 10,00 |
| | DIPLOMA of GOLD MEDAL-- presented to Dan Batalu, Augustin Semenescu, Mihnea Cosmin Costoiu, Ioanel Sinescu,Vasile Iulian Antoniac, Cristian Vasile Doicin, Ion Bogdan Codorean, Ileana Mariana Mates, Catalin Alexandru Barbu, Petre Badica, Traian Stefan Gavriliu, for TOTAL CONSTRAINED ELBOW IMPLANT, MADE OF SHAPE MEMORY ALLOYS, WITH A HINGE-LIKE LOCKING SYSTEM AND COUPLING SYSTEM BASED ON SHAPE MEMORY EFFECT, exibited at EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T 2017, IAȘI – ROMANIA (Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), IX-th-Ediție, 25-27 May 2017 (http://www.euroinvent.org | 1 | | 10,00 |
| | MEDALIE DE AUR SI DIPLOMA pentru PROTEZĂ TOTALĂ DE COT SEMICONSTRÂNSĂ, DIN ALIAJE CU MEMORIA FORMEI, CU SISTEM DE CUPLARE PE BAZĂ DE EFECT AL MEMORIEI FORMEI, autori BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, BARBUCătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina, Salonul Internațional de Invenții și Inovații ,,TRAIAN VUIA" Timișoara ediția III, în perioada 7-9 Iunie 2017. | 1 | | 10,00 |
| | PREMIU SPECIAL, MEDALIE DE AUR SI DIPLOMA din partea Universității de Medicina si Farmacie 'VICTOR BABEȘ' din Timișoara pentru PROTEZĂ TOTALĂ DE COT SEMICONSTRÂNSĂ, DIN ALIAJE CU MEMORIA FORMEI, CU SISTEM DE CUPLARE PE BAZĂ DE EFECT AL MEMORIEI FORMEI, autori BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, BARBUCătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina, Salonul Internațional de Invenții și Inovații ,,TRAIAN VUIA" Timișoara ediția III, în perioada 7-9 Iunie 2017. | 1 | | 10,00 |
| | EXCELENCE DIPLOMA and SPECIAL PRIZE( TROPHY) from Banat' s University of Agricultural Sciences and Veterinary Medicine 'King Michael I of Romania' from Timișoara for Patents Demands RO131261(A0), RO131379 (A0), RO131543(A2), RO131500(A0), RO 0001/2017(A0), , Salonul Internațional de Invenții și Inovații ,,TRAIAN VUIA" Timișoara ediția III, în perioada 7-9 Iunie 2017. | 1 | | 10,00 |

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| | GOLD MEDAL INVENTICA 2017 & DIPLOMA in recognition of high scientific contribution and loyalty to the XXI-th International Salon of Research, Innovation and Technological Transfer, Iasi, Romania, June 28-June 30 2017 offered to BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, BARBU Cătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina, for SEMICONSTRAINED TOTAL ELBOW PROSTHESIS MADE OF SHAPE-MEMORY ALLOYS, WITH COUPLING SYSTEM BASED ON SHAPE-MEMORY EFFECT | 1 | | 10,00 |
| | GOLD MEDAL INVENTICA 2017 & DIPLOMA in recognition of high scientific contribution and loyalty to the XXI-th International Salon of Research, Innovation and Technological Transfer, Iasi, Romania, June 28-June 30 2017 offered to F. Miculescu, M. Miculescu, M.C.Costoiu, O.R.Chivu, C.A. Barbu, A. Semenescu for MECHANO-ELECTRIC LAUNDRY DRYER | 1 | | 10,00 |
| | GRAND PRIZE CUP INVENTICA 2017 & DIPLOMA in recognition of high scientific contribution and loyalty to the XXI-th International Salon of Research, Innovation and Technological Transfer, Iasi, Romania, June 28-June 30 2017, is offered for Patents Demands RO131261(A0), RO131379 (A0), RO131543(A2), RO131500(A0), RO 0001/2017(A0) | 1 | | 10,00 |
| | GOLD MEDAL IWIS 2017 WARSAW (POLAND, 9-11 Oct.) & DIPLOMA offered to BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, BARBU Cătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina, for SEMICONSTRAINED TOTAL ELBOW PROSTHESIS MADE OF SHAPE-MEMORY ALLOYS, WITH COUPLING SYSTEM BASED ON SHAPE-MEMORY EFFECT | 1 | | 10,00 |
| | SILVER MEDAL IWIS 2017 WARSAW (POLAND, 9-11 Oct.) & DIPLOMA offered to Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA, for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS. | 1 | | 10,00 |
| | INVENT ARENA AWARD (CZECH REPUBLIC - Chairman Jan KOBIELUSZ) at IWIS 2017 WARSAW (POLAND, 9-11 Oct.) & DIPLOMA offered to BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, BARBU Cătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina, for SEMICONSTRAINED TOTAL ELBOW PROSTHESIS MADE OF SHAPE-MEMORY ALLOYS, WITH COUPLING SYSTEM BASED ON SHAPE-MEMORY EFFECT | 1 | | 10,00 |
| | CERTIFICATE OF APPRECIATION presented to Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA, Mark-Eward Pogărășteanu, An Alternative femoral stem- bone implantation technique using an innovative short femoral stem endoprosthesis, in recognition of the invaluable contribution to the International Biomaterials and RegenerativeMedicine Semeinar BIOREMED 2017 – Timisoara, 5-7 october 2017, Congress Chairs Prof.Dr. Meda-Lavinia Negruțiu & Prof.Dr.Iulian Antoniac. | 1 | | 10,00 |
| | · GOLD MEDAL – The world exhibition of inventions, research and new technologies, Brussels INNOVA 2015, for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · Trophy and Special Health and Medicine Award INNOVA 2015, The world exhibition of inventions, research and new technologies, Brussels INNOVA 2015, for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · Medal and Diploma INNOVA 2015, given by European France Inventeurs, The world exhibition of inventions, research and new technologies, Brussels INNOVA 2015, for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · Medalie și diploma dată de Eurobusiness-Haller and Haller Pro Inventio Foundation, din partea delegației Republicii Polonia, cu ocazia Brussels INNOVA 2015 | 1 | | 10,00 |

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| | · Trophy and Diploma INNOVA 2015, given by ORIGITIE Institute of Health and Beauty by Doctor Mukhina, Russian Delegation, The world exhibition of inventions, research and new technologies, Brussels INNOVA 2015, for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | Distinctia The Merits of Innovation - Chevalier Européen (in grad de cavaler), European Innovation Awards, Brussels, 2015 | 1 | | 10,00 |
| | · The XIV edition of the International Exhibition of Research, Innovation and Inventions PRO INVENT, Cluj-Napoca, Romania, 23-25th of March 2016; The The Academy of Technical Sciences-Cluj branch TUC-N Great Prize Pro-Invent 2016 and Trophy (Marele Premiu al UTC-N si Trofeul) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · Diploma of Excellence awarded by University of Craiova, Romania-The XIV edition of the International Exhibition of Research, Innovation and Inventions PRO INVENT, Cluj-Napoca, Romania, 23-25th of March 2016. for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. Diploma of Excellence awarded by University of Craiova, Romania | 1 | | 10,00 |
| | · Diploma of Excellence and Trophy (Diploma de Excelenţă şi Trofeu) awarded by The Agency of Intellectual Property of the Republic of Moldova - The XIV edition of the International Exhibition of Research, Innovation and Inventions PRO INVENT, Cluj-Napoca, Romania, 23-25th of March 2016 for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. Diploma of Excellence awarded by University of Craiova, Romania | 1 | | 10,00 |
| | · Diploma of Excellence awarded by Technical University of Moldova, Republic of Moldova - The XIV edition of the International Exhibition of Research, Innovation and Inventions PRO INVENT, Cluj-Napoca, Romania, 23-25th of March 2016 for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. Diploma of Excellence awarded by University of Craiova, Romania | 1 | | 10,00 |
| | · GOLD MEDAL-- EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T , IAŞI – ROMANIA , Ediția a VIIa, 20-21 Mai 2016 (EUROINVENT este singurul eveniment din România care se desfășoară cu sprijinul IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations, devenind astfel un eveniment european de elită în domeniul inovării și cercetării) (http://www.euroinvent.org) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · Special Innovation Award-Union of Inventors MOROCCO -- EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T , IAŞI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), Ediția a VIIa, 20-21 Mai 2016 (http://www.euroinvent.org) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · Scientific Contribution Award-- EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T , IAŞI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), Ediția a VIIa, 20-21 Mai 2016 (http://www.euroinvent.org) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |

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| | · Special Award – ZAGREB INVENTORS ASSOCIATION--EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION -E U R O I N V E N T , IAŞI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), Ediția a VIIa, 20-21 Mai 2016 (http://www.euroinvent.org) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA | 1 | | 10,00 |
| | · GOLD MEDAL-- Salonul Internațional de Invenții și Inovații ,,TRAIAN VUIA" Timișoara ediția II, în perioada 25-27 mai 2016, for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · Special Award-SIB-- Salonul Internațional de Invenții și Inovații ,,TRAIAN VUIA" Timișoara ediția II, în perioada 25-27 mai 2016, for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA | 1 | | 10,00 |
| | · GOLD MEDAL, The 44-th International Exhibition of Inventions of Geneva-The world's most important, 13 > 17 April 2016, Palexpo Hall 7 (www.inventions-geneva.ch) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · ARCA AWARD - Union of Croation Innovators, The 44-th International Exhibition of Inventions of Geneva-The world's most important, 13 > 17 April 2016, Palexpo Hall 7 (www.inventions-geneva.ch) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · HONORABLE MENTION - China Delegation of Invention and Innovation, The 44-th International Exhibition of Inventions of Geneva-The world's most important, 13 > 17 April 2016, Palexpo Hall 7 (www.inventions-geneva.ch) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA | 1 | | 10,00 |
| | · CERTIFICATE AWARD - Turkish Patent Institute, The 44-th International Exhibition of Inventions of Geneva-The world's most important, 13 > 17 April 2016, Palexpo Hall 7 (www.inventions-geneva.ch), ) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · GOLD MEDAL —INTERNATIONAL FAIR OF INVENTION AND PRACTICAL IDEAS SIR, IAŞI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), September 115-18, 2016 (http://www.inventica.org.ro/inventica2016/salon.html) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · HEALTH AWARD INTERNATIONAL FAIR OF INVENTION AND PRACTICAL IDEAS SIR, IAŞI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), September 115-18, 2016 (http://www.inventica.org.ro/inventica2016/salon.html) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA. | 1 | | 10,00 |
| | · GOLD MEDAL THE HAMANGIA THINKER—INTERNATIONAL SALON -INVENTICA , IAŞI – ROMANIA ( Member of IFIA - International Federation of Inventors' Associations și WIIPA - World Inventions Intellectual Property Associations), June 29- July 1 2016 (http://www.inventica.org.ro/inventica2016/salon.html) for SHORT FEMORAL STEM CERVICAL ENDOPROSTHESIS, authors Marius MOGA, Augustin SEMENESCU, Mihnea Cosmin COSTOIU, Ileana Mariana MATEȘ, Cezar - Ionuţ CĂLIN, Catalin Gheorghe AMZA | 1 | | 10,00 |

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|---|---|---|---|---|
| | · GOLD MEDAL of 65th Edition Brussels INNOVA 2016 for "Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect" invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina, presented at 65th Edition Brussels Innova 2016: International Innovation Fair (17th-19th of November 2016). | 1 | | 10,00 |
| | TROPHY and Diploma "Outstanding Innovation Award" offered by Bioactive Resources for Innovative Clinical Application Excellent Center, Thailand, 19th of November 2016, for "Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect" invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina, presented at 65th Edition Brussels Innova 2016: International Innovation Fair (17th-19th of November 2016). | 1 | | 10,00 |
| | · MEDAL and Diploma on behalf of the inventors and co-workers of Industrial Chemistry Research Institute of Warsaw, Poland, Brussels November 2016, awarded by professor Regina Jeziorska, Manager of Polymer Technology and Processing Department for "Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect" invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina, presented at 65th Edition Brussels Innova 2016: International Innovation Fair (17th-19th of November 2016). | 1 | | 10,00 |
| | MEDAL and Diploma "Outstanding Innovation Award" offered by Bioactive Resources for Innovative Clinical Application Excellent Center, Thailand, 19th of November 2016, for "Semiconstrained Total Elbow Prosthesis Made of Shape-Memory Alloys, with Coupling System Based on Shape-Memory Effect" invented by Batalu Nicolae-Dan, Semenescu Augustin, Costoiu Mihnea Cosmin, Antoniac Vasile Iulian, Doicin Cristian Vasile, Amza Cătălin Gheorghe, Mateş Ileana Mariana, Chivu Oana Roxana, Codorean Ion Bogdan, Barbu Cătălin Alexandru, Bădică Petre, Negoiţă Olivia Doina, presented at 65th Edition Brussels Innova 2016: International Innovation Fair (17th-19th of November 2016). | 1 | | 10,00 |
| 3.5.4 Premii naționale | | Nr. premii | | 0,00 |
| | · PREMIUL pentru Medicina si sanatate premiu oferit de Cezar Caluschi GM at Oameni si Companii in cadrul GALA GLOBAL MANAGER-GLOBAL INNOVATION, GLOBAL TECHNOLOGY 2015, organizata in data de 8 dec. 2015 la Hotel CARO, Bucuresti, de OAMENI SI COMPANII - Connecting leaders. Spreading Ideas. Changing minds | 1 | | 5,00 |
| | 1. DIPLOMA DE APRECIERE-Ministru Prof.Univ.Dr.Ing.Serban Constantin VALECA, Ministerul Cercetarii si Inovarii, se acorda BATALU Nicolae-Dan, SEMENESCU Augustin, COSTOIU Mihnea Cosmin, ANTONIAC Vasile Iulian, DOICIN Cristian-Vasile, AMZA Cătălin Gheorghe, MATEȘ Ileana-Mariana, CHIVU Oana–Roxana, CODOREAN Ion-Bogdan, BARBUCătălin-Alexandru, BĂDICĂ Petre, NEGOIȚĂ Olivia-Doina, pentru PROTEZĂ TOTALĂ DE COT SEMICONSTRÂNSĂ, DIN ALIAJE CU MEMORIA FORMEI, CU SISTEM DE CUPLARE PE BAZĂ DE EFECT AL MEMORIEI FORMEI. | 1 | | 5,00 |
| **Total 3.5** | | | | **610,00** |
| **3.6 Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării** | | | | |
| 3.6.1 Academia Română | | | | |
| 3.6.2 ASAS, AOSR și academii de ramură | | | | |
| 3.6.3.2 Conducere asociații naționale | | | | |
| 3.6.3 Conducere asociații profesionale | | | | |
| 3.6.4 Asociații profesionale | | | | |
| 3.6.4.2. Asociații profesionale naționale | | Nr. asociații | | |

| | | | | | |
|---|---|---|---|---|---|
| | 1) Membru al Asociatiei Romane de Tehnologii Neconventionale (ARTN) | 1 | | 3,00 | |
| | 2) Membru al Asociatiei Universitare de Ingineria Fabricatiei (AUIF) | 1 | | 3,00 | |
| | 3) Membru fondator Asociatia pentru Ecotehnologie | 1 | | 3,00 | |
| **Total 3.6** | | | | **9,00** | |
| **Total A3** | | | | **1131,06** | MINIM 70 |
| **TOTAL PUNCTAJ** | | | | **3144,89** | MINIM 430 |