

Comisia de analiză a dosarelor de concurs a Facultății Construcții de Mașini

AVIZ ÎNDEPLINIRE STANDARDE MINIMALE

Încheiat astăzi, **24.06.2021**, în cadrul ședinței desfășurată în mediul virtual pe platforma MS TEAMS cu membrii Comisiei de analiză a dosarelor de concurs a Facultății Construcții de Mașini.

În conformitate cu **Metodologia de concurs** în vigoare în cadrul UTCN, art. 12 alin. (2) lit. i), art. 12 alin. (3) lit. g) și art. 35 alin. (7), Comisia de analiză a dosarelor de concurs de la nivelul Facultății Construcții de a verificat informațiile cuprinse în fișa de verificare depusă de **Dr.ing. SABĂU EMILIA** pentru postul **Conferentiar poz. 23** din Statul de funcții al Departamentului Ingineria Fabricației. Comisia de analiză apreciază că aceasta **îndeplinește** cerințele cuprinse în fișa de verificare.

Comisia de verificare

Acad. Prof.Dr.Ing. Dorel BANABIC

Prof.Dr.Ing Sorin POPESCU

Prof. Dr.Ing. Corina BÎRLEANU

**Fișa de verificare a standardelor minime pentru gradul de conferențiar
universitar stabilite prin OM. Nr. 6129/2016**

Candidat: ȘI. dr. ing. Sabău Emilia
Domeniul: INGINERIE INDUSTRIALĂ ȘI MANAGEMENT
Poziția: Conferențiar, Poz. 23

Centralizator			
	Domeniul de activitate	Condiții Conferențiar	Punctaj obținut
1	Activitatea didactică / profesională (A1)	Minim 80 puncte	113,35 puncte
2	Activitatea de cercetare (A2)	Minim 150 puncte	305,33 puncte
3	Recunoașterea impactului activității (A3)	Minim 50 puncte	296,19 puncte

A1. Activitatea didactică și profesională

1.1 Cărți / manuale / monografii / capitole în cărți de specialitate

1.1.1 Cărți / manuale / monografii / capitole în cărți de specialitate ca autor

Conferențiar: **minimum 1** prim autor (Realizate 3, pozițiile 1-3. Prim autor 2.)

1.1.1.1 Internaționale

Nr.	Titlu	Punctaj
1.	Emilia Sabău , Comportarea mecanică a materialelor compozite, Editura MS Logo, Chișinău, Republica Moldova, 2019 , ISBN 978-9975-3175-7-3, nr. pagini 351.	70,2
2.	Emilia Sabău , Recycling of Polymeric Composite Materials. In Product Lifecycle Management – Terminology and Applications, Udriou, R.; Bere, P. IntechOpen: London, United Kingdom, 2018 ; pp. 103-121. ISBN 978-1-78984-543-3 (DOI: 10.5772/intechopen.81281), nr. pagini 19.	3,8

1.1.1.2 Naționale (Ed. Recunoscute CNCSIS)

Nr.	Titlu	Punctaj
3.	Horățiu Iancău, Liana Hancu, Emilia Sabău , Constantin Popescu, Delaminarea compozitelor polimerice stratificate, Editura Alma Mater, Cluj-Napoca, 2009 , ISBN 978-606-504-065-6, nr. pagini 135.	3,375

1.2 Alte materiale didactice inclusiv în format electronic

1.2.1 Suporturi de curs / îndrumare

Conferențiar: minimum 2 din care 1 ca prim autor (Realizate 2, pozițiile 4-5. Prim autor 1.)

Nr.	Titlu	Punctaj
4.	Emilia Sabău, Dan-Sorin Comșa, Finite element method. An Introductory Coursebook, Editura UT Press, Cluj-Napoca, 2021, ISBN978-606-737-507-7, nr. pagini 144.(în limba engleza)	3,6
5.	Paul Bere, Liana Hancu, Adrian Popescu, Emilia Sabău, Materiale compozite cu matrice polimerică. Lucrări de laborator., Editura UT Press, Cluj-Napoca, 2015, ISBN 978-606-737-115-4, nr. pagini 190.	2,375

1.3 Coordonarea de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale

Nr.	Titlu	Punctaj
1.	-	

1.4 Dezvoltarea de noi discipline

Nr.	Titlu	Punctaj
1.	Metoda Elementului Finit (Cluj-Napoca, Zalău, Satu-Mare)	10
2.	Prelucrări prin aşchiere şi scule aşchietoare (Tehnologii de Fabricație I) (Bistrița)	10
3.	Materiale Compozite (Cluj-Napoca)	10

1.5 Proiecte educaționale ERASMUS

1.	-	
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Total A1. Activitatea didactică și profesională: 113,35 puncte.

A2. Activitatea de cercetare

2.1 Articole indexate în reviste cotate ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date

Conferențiar: de la ultima promovare minimum 5 (Realizate 8 articole, pozițiile 1-8) din care minimum 1 în reviste (Realizate 3 articole, pozițiile 1, 2, 6), minimum 2 ca autor principal (Realizate 4 articole, pozițiile 1, 2, 3, 7).

Nr.	Titlu	Punctaj
1.	Emilia Sabău , Paul Bere, Mărioara Moldovan, Ioan Petean, Cristina-Ștefana Miron-Borzan, Evaluation of novel ornamental cladding resistance, comprised of GFRP waste and polyester binder, within an acid environment, <i>Polymers</i> , 13(3):448, 2021 , DOI: 10.3390/polym13030448, [REDACTED]	12,852
2.	Emilia Sabău , Răzvan Udriș, Paul Bere, Ivan Buranský, Cristina-Ștefana Miron-Borzan, A Novel Polymer Concrete Composite with GFRP Waste: Applications, Morphology, and Porosity Characterization, <i>Appl. Sci.-Basel</i> , 10(6):2060, 2020 , DOI: 10.3390/app10062060, ISI Q2, IF 2,474	10,948
3.	Emilia Sabău , Cristian Vilău, Paul Bere, Adrian Popescu. Finite element simulation of delamination process in composite materials, <i>MTeM, MATEC Web of Conferences</i> 299(2):06003, 2019 , ISBN: 978-2-7598-9083-5, DOI: 10.1051/mateconf/201929906003, ISI Proceedings	6,25
4.	Paul Bere, Emilia Sabău , Cristian Dudescu, Calin Neamtu, Marius Fartan. Experimental research regarding carbon fiber/epoxy material manufactured by autoclave process, <i>MTeM, MATEC Web of Conferences</i> 299(2):06005, 2019 , ISBN: 978-2-7598-9083-5, DOI: 10.1051/mateconf/201929906005, ISI Proceedings	5
5.	Miron-Borzan C.Ș., Chezan H., Buciuman C., Sabău E. , Study of a customized implant in cranio-maxillofacial surgery, 4th International Conference on Nanotechnologies and Biomedical Engineering, ICNBME, Republic of Moldova, Chisinau, Vol. 77, pp. 379-384, 2019 , DOI: 10.1007/978-3-030-31866-6_70, ISI Proceedings	6,25
6.	Popescu Adrian, Hancu Liana, Sabău Emilia , Effect of temperature on the mechanical properties of extrusion glass fiber reinforced polyamide 6.6 composites (GFRPA 6.6), <i>Acta Technica Napocensis – Series: Applied Mathematics, Mechanics and Engineering</i> , vol. 61, Issue II, pp. 213-218, 2018 , ISSN 1221 – 5872, ISI	10
7.	Emilia Sabău , Adrian Popescu, Cristian Vilău, Mechanical behavior of composite materials using the finite element analysis, <i>MTeM - AMaTUC, MATEC Web of Conferences</i> , Vol. 137, 2017 , ISI Proceedings	8,333
8.	Cristina Ștefana Miron-Borzan, Emilia Sabău , Mircea Mera, Petru Berce, Research Regarding the Manufacturing through AM Technologies of an Implant for Cervical Disc Replacement, <i>MTeM - AMaTUC, MATEC Web of Conferences</i> , Vol. 137, 2017 , ISI Proceedings	6,25
9.	Popescu Adrian, Hancu Liana, Sabău Emilia , Radu Sever Adrian, Mechanical characteristics improvement for extruded products made of reinforced polyamide, <i>Acta Technica Napocensis – Series: Applied Mathematics, Mechanics and Engineering</i> , ISSN 1221 – 5872, pp. 201-204, vol. 57, Issue II / 2014 , ISI	7,5
10.	Emilia Sabău , Nicolae Balci, Paul Bere, Mechanical behavior of new	8,333

Nr.	Titlu	Punctaj
	composite materials reinforced by waste glass fibre, Advanced Engineering Forum, Trans Tech Publications, Vols. 8-9, pp. 309-316, 2013 , Switzerland, ISI Proceedings	
11.	Paul Bere, Ovidiu Nemes, Cristian Dudescu, Petru Berce, Emilia Sabău , Design and analysis of carbon/epoxy composite tubular parts, Advanced Engineering Forum, Trans Tech Publications, Vols. 8-9, pp. 207-214, 2013 , Switzerland, ISI Proceedings	5
12.	Sabău E. , Bălc N., Bere P., Șerban F. The influence of reinforced degree on the mechanical characteristics in case of composite materials plates reinforced with fiber glass, Acta Technica Napocensis – Series: Applied Mathematics and Mechanics, ISSN 1221–5872, pp. 201-204, vol. 56, Issue 1 / 2013 , ISI	7,5
13.	Serban Florica, Cristea Ciprian, Sabău Emilia , Ceclan Vasile, Contiu Glad, Application of fuzzy expert system in deep drawing of cylindrical cups, Acta Technica Napocensis – Series: Applied Mathematics and Mechanics, ISSN 1221 – 5872, pp. 205-210, vol. 56, Issue 1 / 2013 , ISI	6
14.	Sabău Emilia , Bălc Nicolae, Bere Paul, Nemeș Ovidiu, New materials from waste glass fibre, Studia Universitatis Babes-Bolyai Seria CHEMIA, 2012 , LVII, 4, pp. 201-208, ISSN (print): 1224-7154, ISSN (online): 2065-9520, ISI, IF 0,089	7,723
15.	E. Sabău , N. Bălc, H. Iancău, L. Hancu, Influence of manufacturing technology on mechanical characteristics of polymeric composite materials, Acta Technica Napocensis, series: Applied Mathematics, Mechanics and Engineering, vol. 54, issue II, 2011 , pp. 339 - 342, ISSN 1221-5872, ISI	7,5
16.	E. Sabău , H. Iancău, L. Hancu, M. Borzan, Failure model for unidirectional fiber reinforced composites, Revista Materiale Plastice, 2010 , 47 (2) pp. 215-218, ISSN 0025-5289, ISI, IF 0,387	8,468
17.	E. Sabău , H. Iancău, L. Hancu, P. Bere, C. Popescu, <i>The maximum delamination force at different types of composite structures</i> , 19 th DAAAM International Symposium, pp. 1205-1206, Viena, Austria, 2008 , ISBN 978-3-901509-68-1, ISSN 1726-9679, ISI Proceedings	5
18.	E. Sabău , H. Iancău, C. Popescu, B. Prodan, <i>An approach of delamination energy calculation for a composite material</i> , 18th DAAAM International Symposium, 24-27th October 2007 , Zadar, Croatia, pp. 661-662, ISSN 1726-9679, ISBN 3-901509-58-5, ISI Proceedings	6,25
Total puncte A2.1		135,157

2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

Conferențiar: **minimum 5** de la ultima promovare (Realizate 5 articole, pozițiile 1-5)

Nr.	Titlu	Punctaj
1.	Sabău Emilia , Trif Adrian, Miron-Borzan Cristina-Ștefana, Popescu Adrian, Numerical simulation of flexural behavior of glass fiber reinforced polymer composites, AJME, vol. 19(1), 2021 , pp. 52-56 [Ulrich's and Copernicus]	3,75
2.	Popescu Constantin, Trif Adrian, Sabău Emilia , Influence of processing parameters on extruded polymeric materials, Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 18(4), 2020 pp. 119-123 [Ulrich's and Copernicus]	5

Nr.	Titlu	Punctaj
3.	Miron-Borzan C.Ş., Sabău E. , Vilău C., Ceclan V., A comparative study using finite element analyses for cervical disc implants, Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 18(2), 2020 pp. 5-11 [Ulrich's and Copernicus]	3,75
4.	Sabău E. , Popescu A., Miron-Borzan C.Ş., Panc N. Mathematical regression model of unidirectional glass fibre reinforced polymer composites, Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 17(3), 2019 pp. 108-112 [Ulrich's and Copernicus]	3,75
5.	Panc N., Contiu G., Bocanet V., Thurn L., Sabău E. The influence of cutting technology on surface wear hardness, Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 17(3), 2019 pp. 205-210 [Ulrich's and Copernicus]	3
6.	Sabău E. , Bâlc N., Bere P., Borzan C.S., Ceclan V., Experimental study on mechanical behavior of glass fiber reinforced polymer composites under axial compression, Academic Journal of Manufacturing Engineering - AJME, ISSN: 1583-7904, vol. 11(3), 2013 , pp. 110-113 [EBSCO]	3
7.	Ceclan V., Grozav S., Sabău E. , Popan A., Borzan C., Structural analysis of tubes hydroforming, Academic Journal of Manufacturing Engineering - AJME, ISSN: 1583-7904, vol. 11(3), 2013 , pp. 56-59 [EBSCO]	3
8.	Bere P., Sabau E. , Hancu L., Popescu A. Rapid manufacturing methods for obtaining bent tubular parts made of carbon/epoxy, Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 11(4), 2013 pp. 128-131 [EBSCO]	3,75
9.	Borzan C.S., Berce P., Chezan H., Sabau E. , Radu S.A., Ridzon M., Physico-mechanical properties characterization of the parts from PA 2200 manufactured by selective laser sintering technology, Academic Journal of Manufacturing Engineering – AJME, ISSN: 1583-7904, vol. 11(4), 2013 , pp. 108-113 [EBSCO]	2,5
10.	Sabău E. , Bâlc N., Bere P. Mechanical characteristics of composite materials obtained by different technologies, Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 9(4), 2011 , pp.100-105 [SCOPUS]	5
11.	Bere P., Berce P., Nemeş O., Sabău E. Research regarding the mechanical characteristics of carbon/epoxy composites, Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 9(3), 2011 , pp. 26-32 [SCOPUS]	3,75
Total puncte A2.2		40,25

2.3 Articole în extenso în reviste / volumele unor manifestări științifice naționale / internaționale neindexate

Nr.	Titlu	Punctaj
1	Sabău, E. , Bâlc, N., Bere, P., Grozav S, Delamination process of fibre glass reinforced polymer composite materials, 13th-International Scientific Conference Automation in Production Planning and Manufacturing 2012 Žilina - Turčianske Teplice, Slovak Republic, ISBN 978-80-89276-35-6. pp. 212-215.	1
2	Bere P., Berce, P., Nemes, O., Sabău, E. , Cordos, N., Popescu, A., Grozav S., Carbon/epoxy composite bent tubes with variable section manufacturing method, 13th-International Scientific Conference Automation In Production	0,571

Nr.	Titlu	Punctaj
	Planning And Manufacturing 2012 Žilina - Turčianske Teplice, Slovak Republic, ISBN 978-80-89276-35-6. pp. 26-31.	
3	Emilia Sabău , Nicolae Bălc, Liana Hancu, Paul Bere, Răzvan Prună, Research regarding the influence of manufacturing on the Mechanical Characteristics of Composite Materials, XXV. MicroCAD 2011 International Scientific Conference, Miskolc, Ungaria, ISSN 978-661-964-0, pp. 47-51.	0,8
4	Paul Bere, Petru Berce, Horațiu Iancău, Emilia Sabău , Claudiu Florea, Research regarding mechanical characteristics of tubes from polymer matrix composite materials, XXV. MicroCAD 2011 International Scientific Conference, Miskolc, Ungaria, ISSN 978-661-964-0, pp.1-5.	0,8
5	Bere P., Berce P., Iancău H., Sabau, E. , Research regarding the delamination of carbon/epoxy composites plates, The 10th International Conference Modern Technologies in Manufacturing (MTeM), Cluj-Napoca, 2011 , pp. 17 - 20, ISBN 973-9087-83-3.	1
6	Sabau, E. , Iancău, H., Potra, T., Hancu, L., Popescu, A., Cubic spline of regression with application at composite materials, MSE 2009, The 4th International Conference on Manufacturing Science and Education, Sibiu 2009 , pp. 71-74, ISBN 1843-2522.	0,8
7	Sabau, E. , Iancău, H., Grozav, S., Borzan, M., Crai, A., Structural and technological aspects regarding the realization of composite materials plates with polymeric matrix, 9 th International Scientific Conference, Automation in production planning and manufacturing, 05-07 May, 2008 , Zilina-Turčianske Teplice, Slovakia, pp. 235-240, ISBN 978-80-89276-11-0.	0,8
8	Crai, A., Iancău, H., Onetiu, G., Sabau, E. , Popescu, C., The influence of wall thickness for the parts made of thermoplastics injected on the process parameters, 9th International Scientific Conference, Automation in production planning and manufacturing, 05-07 May, 2008 , Zilina-Turčianske Teplice, Slovakia, pp. 40-43, ISBN 978-80-89276-11-0.	0,8
9	H. Iancău, L. Hancu, E. Sabau , Analytical-numerical-experimental study regarding composite materials structures defects, International Conference Modern Technologies in Manufacturing (MTeM), Cluj-Napoca, 2007 , pp. 195-198, ISBN 973-9087-83-3.	1,333
10	H. Iancău, E. Sabau , L. Hancu, M. Borzan, T. Potra, Analysis regarding fiber sliding in composite materials and delamination phenomenon, Acta Technica Napocensis, Cluj-Napoca, serie: applied mathematics and mechanics 50, vol. VII, 2007 , pp. 39-44, ISSN 1221-5872	1,2
11	E. Sabau , L. Utiu, N. Babiciu, L. Buza, A. Pop, Efectele radiatiei nucleare asupra mediului si aparatura necesara detectarii acesteia, Environment & Progress - 9/ 2007 , pp. 467-472, ISSN 1584-6733	1,2
12	A-M. L. Utiu, E. Sabau , N. Babiciu, L. Buza, A. Pop, Energia nucleara. Avantajele si perspectivele energiei nucleare. Probleme de poluare radioactiva, Environment & Progress - 9/ 2007 , pp. 565-575, ISSN 1584-6733	1,2
13	Emilia Sabau , Composite materials importance and utilization in industry, COMEFIM 8, 2006 , Cluj-Napoca, pp. 413-418, ISSN 1221-5872	4
14	Emilia Sabau , Importanta si aplicabilitatea Celulelor Fotovoltaice, Sesiunea de Comunicări Științifice Studențești "Eco-universitaria", Cluj-Napoca, 5 Mai 2006 , ISSN 1584-6733, Vol. 7/2006	4
15	Emilia Sabau , Horațiu Iancău, Alina Crai, Experimental researches regarding the delaminating process at composite materials with organic matrix, Mechanical Engineering, 2006 , The 10 th International conference, Bratislava, 23.11.2006, pp. 612 - 616, ISBN 80-227-2513-7	1,333
16	Horațiu Iancău, Alina Crai, Liana Hancu, Emilia Sabău , Flow modeling of	1

Nr.	Titlu	Punctaj
	thermosetting resins through porous medium of one composite structure, 10 th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", TMT 2006, Barcelona-Lloret de Mar, Spain, 11-15 September, 2006, pp. 1573-1576, ISBN 9958-617-30-7	
17	Iancu, H., Crai, A., Potra, T.Gh., Sabau, E. , Sliding fibers in composite materials with organic matrix, MTeM 2005, Cluj-Napoca, pp. 229-232, ISBN 973-9087-83-3	1
Total puncte A2.3		22,838

A.2.4 Proprietate intelectuală, brevete de invenție și inovație, etc.

Nr.	Titlu	Punctaj
1.	Brevet de invenție nr.130062/28-02-2017 , international classification C04B 14/36 (2006.01), Procedeu si material compozit pentru realizarea plăcilor sintetice ornamentale, Emilia Sabău , Nicolae Bălc, Paul Bere.	6,66
Total puncte A.2.4		6,66

2.5 Granturi / proiecte câștigate prin competiție sau contracte cu mediul socio-economic

Conferențiar: minimum 1 Director sau 2 Responsabil (Realizat 2D și 1R)

2.5.1 Director/Responsabil

Nr.	Titlu	Punctaj
1	Director de proiect , Grant CNCSIS PD 666, contract nr. 202 / 2010, <i>Cercetări privind comportarea mecanică și reciclarea materialelor compozite cu matrice polimerică</i> , (24 - luni de activitate de cercetare), sursa de finanțare: Ministerul Educației, Cercetării, Tineretului și Sportului, Buget: 118880 RON, 27859 EURO (curs BNR 01.10.2010 4,2672), www.cnscis.ro/PN2_res_umana_pd_2010.php .	27,859
2	Director de proiect , Grant CNCSIS TD 418, contract nr. 517 / 2007, <i>Contribuții privind comportarea mecanică a structurilor compozite cu matrice polimerică</i> , (12 - luni de activitate de cercetare), sursa de finanțare: Ministerul Educației, Cercetării, Tineretului și Sportului, Buget: 28800 RON, 8593 EURO (curs BNR 01.10.2007 3.3515), www.cnscis.ro/PN2_res_umana_td_2007.php	8,593
3	Responsabil de proiect , 4D-POSTDOC, contract POSDRU/89/1.5/S/52603, <i>Cercetări privind comportarea mecanică a structurilor compozite polimerice obținute din reciclarea deșeurilor</i> , (34 - luni de activitate de cercetare) 2010-2013, sursa de finanțare: Fondul Social European prin Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013, Buget: 34000 RON, 7967 EURO (curs BNR 01.10.2010 4,2672)	7,967

2.5.2 Membru în echipă

Internaționale		Punctaj
1.	Membru în proiectul <i>Directional Composites through Manufacturing Innovation (DiCoMi)</i> , Horizon 2020, No. 778068, director Prof.dr.ing. BÂLC N., Valoare: 1.426.500 Euro	4
2.	Membru în proiectul AMaTUC Horizon 2020, contract nr. GA 691787, <i>Boosting the scientific excellence and innovation capacity in Additive Manufacturing of the TUC-N (AMaTUC)</i> , 2016-2018, Director Prof.dr.ing. BÂLC N., Valoare 999.443 Euro, http://www.amatuc.com/ 4 ani	4
Naționale		
1.	Membru în proiectul PN-II-PT-PCCA-2013-4-0917, Contract nr 115/2014, <i>Implanturi cranio-faciale personalizate obținute prin prototipare inovativă 3D din materiale compozite ranforsate cu fibra de sticlă</i> , Valoare 250000 lei, UEFISCDI	4
2.	Membru în proiectul Grant CNCSIS IDEI 205, <i>Soluții avansate pentru creșterea performanței la îndoirea cu plăci active din elastomeri</i> , perioada: 2009-2011, sursa de finanțare: Ministerul Educației, Cercetării, Tineretului și Sportului, director de proiect: Prof.dr.ing. Hancu Liana	4
Total puncte 2.5		60,419

2.6 Coordonare / dezvoltare laborator / centru de cercetare

1	Dezvoltare laborator Materiale Compozite Cluj-Napoca	40
Total puncte 2.6		40

Total A2. Activitate de cercetare: 305,33 puncte

A3. Recunoașterea și Impactul activității

3.1 Vizibilitate în baze de date internaționale

3.1.1 Citări în articole indexate ISI

Articol citat Emilia Sabău, Răzvan Udriș, Paul Bere, Ivan Buranský, Cristina-Ștefana Miron-Borzan, A Novel Polymer Concrete Composite with GFRP Waste: Applications, Morphology, and Porosity Characterization, Appl. Sci.-Basel 10(6):2060, 2020, Special Issue Progressive Cement and Glass-Based Composites and Structures, ISSN 2076-3417, DOI: 10.3390/app10062060, WOS:000529252800161, ISI Q2, IF 2,474, citat in:		
Articole care citează		Punctaj
1	Miguel A. Salas, Heriberto Pérez-Acebo, Verónica Calderón and Hernán Gonzalo-Orden, Analysis and Economic Evaluation of the Use of Recycled Polyamide Powder in Masonry Mortars , Polymers 2020, 12, 2657, doi: 10.3390/polym12112657	2
2	Razvan Udriș, Cristian Ion Braga, System Performance and Process Capability in Additive Manufacturing: Quality Control for Polymer Jetting , Polymers 12(6):1292, June 2020, DOI: 10.3390/polym12061292	2

Articol citat Bere, P., Nemes, O., Dudescu, C., Berce, P., Sabau, E., Design and analysis of carbon/epoxy composite tubular parts , Interdisciplinary Research in Engineering: Steps Towards Breakthrough Innovation for Sustainable Development book series: advanced engineering forum Vol. 8-9, pp: 207-214, 2013, citat in:		
Articole care citează		Punctaj
1	Ladislav Morovič, Jan Urmínský, Martin Ridzoň, Shape distortion analysis of drawing die by optical 3D scanning , MATEC Web of Conferences 299:05007, 2019, DOI: 10.1051/mateconf/201929905007	2
2	Gutu, Marin, Analysis of a composite blade design for 10 kw wind turbine using a finite element model , Innovative Manufacturing Engineering Conference (IManE), Book Series: Applied Mechanics and Materials Volume: 657 Pages: 589-593 Published: 2014, DOI: 10.4028/www.scientific.net/AMM.657.589	2
3	R. Păcurar et al., Finite element analysis to improve the accuracy of abs plastic parts made by desktop 3d printing method , Applied Mechanics and Materials, Vol. 760, pp. 509-514, 2015.	2

Articol citat Sabău Emilia, Bâlc Nicolae, Bere Paul, Nemeș Ovidiu, New materials from waste glass fibre , Studia Universitatis Babes-Bolyai Seria CHEMIA, 2012, LVII, 4, pp. 201-208, ISSN (print): 1224-7154, ISSN (online): 2065-9520, citat in:		
Articole care citează		Punctaj
1	Bocanet, V.; Popescu, A.; Feniser, C.; Tamba, I. Study on the design and execution of a short fiber reinforced polyamide part , MTeM - DiCoMi,	2,5

	MATEC Web of Conferences 299(4):06006, 2019 DOI: 10.1051/mateconf/201929906006.	
2	Tiuc, Ancuta Elena; Vasile, Ovidiu; Vermesan, Horatiu; et al. Sound absorbing insulating composites based on polyurethane foam and waste materials , MATERIALE PLASTICE, Vol. 55, Issue: 3, pp. 419-422, ISSN: 0025-5289, Published: 2018.	2,5

Articol citat Emilia Sabău, Adrian Popescu, Cristian Vilau, Mechanical behavior of composite materials using the finite element analysis , MTeM - AMaTUC, MATEC Web of Conferences, Vol. 137, 2017, citat in:		
Articole care citează		Punctaj
1	Vasile Ceclan, Ioan Alexandru Popan, Sorin Grozav, Popan Alina, Study on milling strategies influence on the quality characteristics in case of composite material , MATEC Web of Conferences 299(2):04012, 2019, DOI: 10.1051/mateconf/201929904012	3,33

Articol citat Emilia Sabău, Nicolae Balci, Paul Bere, Mechanical behavior of new composite materials reinforced by waste glass fibre , Advanced Engineering Forum, Trans Tech Publications, Vols. 8-9, pp. 309-316, 2013, Switzerland, citat in:		
Articole care citează		Punctaj
1	Bocanet, V.; Popescu, A.; Feniser, C.; Tamba, I. Study on the design and execution of a short fiber reinforced polyamide part , MTeM - DiCoMi, MATEC Web of Conferences 299(4):06006, 2019 DOI: 10.1051/mateconf/201929906006.	3,33
2	Vasile Ceclan, Ioan Alexandru Popan, Sorin Grozav, Popan Alina, Study on milling strategies influence on the quality characteristics in case of composite material , MATEC Web of Conferences 299(2):04012, 2019, DOI: 10.1051/mateconf/201929904012	3,33

Articol citat E. Sabău, H. Iancău, L. Hancu, M. Borzan, Failure model for unidirectional fiber reinforced composites , Revista Materiale Plastice, 2010, 47 (2) pp. 215-218, ISSN 0025/5289, citat in:		
Articole care citează		Punctaj
1	Radu Bosoancă, Vasile Bria, Claudiu Merea, Adrian Cîrciumaru, Iulian - Gabriel Bîrsan, Tensile Analysis of Fabric Reinforced Materials , MATERIALE PLASTICE 56 no. 4, 2019.	2,5
2	P. Bere, A. Popescu, L.L. Hancu, Experimental research regarding the tensile strength of some reinforced composite materials , Applied Mechanics and Materials, Vol. 808, pp. 131-136, 2015.	2,5

3	Bere Paul; Berce Petru; Nemes Ovidiu, Phenomenological fracture model for biaxial fibre reinforced composites , COMPOSITES PART B-ENGINEERING Volume: 43, Issue: 5, Pages: 2237-2243, 2012.	2,5
4	Caplescu Cristiana; Marsavina Liviu; Bordeasu Ilare; Sechei Ramona Maria, The fracture of polyurethane materials in the presence of stress concentrators , MATERIALE PLASTICE Volume: 47, Issue: 3, Pages: 379-382, 2010.	2,5

Articol citat E. Sabau, N. Balci, P. Bere, Mechanical characteristics of composite materials obtained by different technologies , in Academic Journal of Manufacturing Engineering, vol. 9, no. 4, pp. 100-105, 2011, citat in:		
Articole care citează		Punctaj
1	Guțu, M., Analysis of a composite blade design for 10 kW wind turbine using a finite element model , Applied Mechanics and Materials, 657, pp. 589-593, 2014.	3,33
2	Enachescu, G.L., Stefanescu, M.F., Modeling heat transfer phenomenon for smart composite materials , Materiale Plastice, Volume 53, Issue 2, Pages 198-201, 2016.	3,33
3	Madalina Anca Lazar Moldovan, Adina Bianca Boșca, Calin Rares Roman, ..., Horatiu Rotaru, Bone reaction to a newly developed fiber-reinforced composite material for craniofacial implants , Materiale Plastice, Volume 57, Issue 2, Pages 131-139, 2020, DOI: 10.37358/MP.20.2.5359	3,33
4	Sergiu Solcan, Stefan Bodi, Radu Comes, Raul Silviu Rozsos, Calin Neamțu, Cătălin Cocean, Design and ergonomic analysis of car doors made from composite materials , Acta Technica Napocensis, Vol 64, No 1, pp. 181-188, 2021.	3,33

Articol citat Bere P., Sabau E., Hancu L., Popescu A. Rapid manufacturing methods for obtaining bent tubular parts made of carbon/epoxy , Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 11, ISSUE 4/ 2013 pp. 128-131, citat in:		
Articole care citează		Punctaj
1	Ladislav Morovič, Ján Urminský, Martin Ridzoň, Shape distortion analysis of drawing die by optical 3D scanning , MATEC Web Conf. Volume 299, 2019.	2,5
2	Ioan Alexandru Popan, Nicolae Balci, Alina Popan, Alexandru Carean, Experimental study on reverse engineering in case of composite materials cut by water jet cutting , MATEC Web Conf. Volume 178, 2018.	2,5
3	Ioan Alexandru POPAN, Glad CONTIU, Ian CAMPBELL, Investigation on standoff distance influence on kerf characteristics in abrasive water jet cutting of composite materials , MATEC Web of Conferences 137, MTeM – AMaTUC 2017.	2,5
4	Enachescu, G.L., Stefanescu, M.F., Modeling heat transfer phenomenon for smart composite materials , Materiale Plastice 53(2), pp. 198-201, 2016.	2,5
5	A. Micaciu, I. Vușcan, N. Panc, Evaluation of overall efficiency of devices with worm gear , Applied Mechanics and Materials, Vol. 808, pp.	2,5

9-14, 2015.	
-------------	--

Articol citat Ceclan V., Grozav S., Sabău E. , Popan A., Borzan C., Structural analysis of tubes hydroforming , Academic Journal of Manufacturing Engineering - AJME, vol. 11, ISSUE 3 / 2013, pp. 56-59, ISSN: 1583-7904, citat in:		
Articole care citează		Punctaj
1	Ladislav Morovič, Ján Urminský, Martin Ridzoň, Shape distortion analysis of drawing die by optical 3D scanning , MATEC Web Conf. Volume 299, 2019.	2
2	Vasile Ceclan, Sorin Grozav, Determination of the force required for the hydroforming of al 99,5 , MATEC Web Conf, Volume 244, 2018.	2
3	Ceclan, V. A. Grozav, S. D. Kuric, I., Research on inner surface of hydroformed tubes , Advances in Science and Technology Research Journal, Vol. 11, no 4, pp. 311-317, 2017.	2

Articol citat Popescu Adrian, Hancu Liana, Sabău Emilia , Radu Sever Adrian, Mechanical characteristics improvement for extruded products made of reinforced polyamide , Acta Technica Napocensis – Series: Applied Mathematics, Mechanics and Engineering, ISSN 1221 – 5872, pp. 201-204, vol. 57, Issue II / 2014, citat in:		
Articole care citează		Punctaj
1	A. Sarca, D. Leordean, C. Vilau, Studies regarding redesign and optimization of the main shaft of a naval winch , Applied Mechanics and Materials, Vol. 808, pp. 271-279, 2015.	2,5

Articol citat Borzan C.S., Berce P., Chezian H., Sabau E. , Radu S.A., Ridzon M., Physico-mechanical properties characterization of the parts from PA 2200 manufactured by selective laser sintering technology , Academic Journal of Manufacturing Engineering - AJME, vol. 11, ISSUE 4 / 2013, pp. 108-113, ISSN: 1583-7904, citat in:		
Articole care citează		Punctaj
1	Henrique Schappo, Lya Piaia, Dachamir Hotza, Gean Vitor Salmoria, Selective Laser Sintering of Biomaterials and Composites State of the Art and Perspectives , Materials Science Forum (Volume 1012), pp. 278-283, 2020.	1,67
2	Dan Ioan Stoia, Emanoil Linul, Liviu Marsavina, Influence of manufacturing parameters on mechanical properties of porous materials by selective laser sintering , Materials 2019, 12(6), 871.	1,67
3	Ivan Molnár, Ladislav Morovič, Daynier Rolando Delgado Sobrino, Šimon Lecký, Dávid Michal, Medical applications of biomaterials: the case of design and manufacture of orthopedic corsets made of polylactic acid by additive manufacturing , Materials Science Forum (Volume 952), pp. 223-232, 2019.	1,67

4	Răzvan Păcurar, Ancuța Păcurar and Anna Petrila, The influence of build orientation on the mechanical properties of medical implants made from PA 2200 by Selective Laser Sintering , MATEC Web Conf. Volume 112, 2017 21st Innovative Manufacturing Engineering & Energy International Conference – IManE&E, 2017.	1,67
5	Ján Milde, Ladislav Morovič and Jakub Blaha, Influence of the layer thickness in the Fused Deposition Modeling process on the dimensional and shape accuracy of the upper teeth model , MATEC Web Conf. Volume 137, 2017 Modern Technologies in Manufacturing (MTeM 2017 - AMaTUC).	1,67
6	Fabian Neugebauer, Niels Müller, Vasily Ploshikhin, Stefan Thiel, Janick Ambrosy and Gerd Witt, Temperature effects on tensile properties of laser sintered polyamide 12 , Materials Testing: Vol. 57, No. 7-8, pp. 602-608, 2015.	1,67

Articol citat

Bere P., Berce P., Nemeș O., Sabău E. **Research regarding the mechanical characteristics of carbon/epoxy composites**, Academic Journal of Manufacturing Engineering AJME ISSN 1583-7904, vol. 9, ISSUE 3/ 2011, pp. 26-32, **citat in:**

Articole care citează		Punctaj
1	S. D. Grozav, Vasile Adrian Ceclan, Antoniu Turcu, Ovidiu Vasile Oprea, Kinematic process plastic cold orbital forming , Applied Mechanics and Materials, Vol. 808, pp. 98-103, 2015.	2,5

Capitol carte citat

Emilia Sabău, **Recycling of Polymeric Composite Materials. In Product Lifecycle Management – Terminology and Applications**, Udriou, R.; Bere, P. IntechOpen: London, United Kingdom, 2018; pp. 103-121. ISBN 978-1-78984-543-3 (DOI: 10.5772/intechopen.81281), **citat in:**

Articole care citează		Punctaj
1	Gabrian, S.S; Grozav, S.D.; Ciușcă, G.N.; Ceclan, V.A.; Turcu, A.; Legutko, S. New materials obtained by rubber recycling from industrial waste , MTeM, MATEC Web of Conferences 299(2):05010, 2019, DOI: 10.1051/mateconf/201929905010.	10
2	Ciupan, M.; Popa, M.; Ciupan, E. Method and program for the interpolation of experimental results of determining the mechanical properties of mineral composites for modern machine-tools , MTeM, MATEC Web of Conferences 299:05009, 2019, DOI: 10.1051/mateconf/201929905009.	10

Articol citat

Paul Bere, Emilia Sabău, Cristian Dulescu, Calin Neamtu, Marius Fartan. **Experimental research regarding carbon fiber/epoxy material manufactured by autoclave process**, MTeM, MATEC Web of Conferences 299(2):06005, 2019, ISBN: 978-2-7598-9083-5, DOI: 10.1051/mateconf/201929906005, **citat in:**

Articole care citează		Punctaj
-----------------------	--	---------

1	Paul Bere, Cristian Mircea DUDESCU, Călin Neamtu, Cătălin Cocian, Design, Manufacturing and Test of CFRP Front Hood Concepts for a Light-Weight Vehicle , Polymers 13(9):1374, 2021, DOI: 10.3390/polym13091374	2
---	--	---

Articol citat Popescu Adrian, Hancu Liana, Sabău Emilia, Effect of temperature on the mechanical properties of extrusion glass fiber reinforced polyamide 6.6 composites (GFRPA 6.6) , Acta Technica Napocensis – Series: Applied Mathematics, Mechanics and Engineering, vol. 61, Issue II, pp. 213-218, 2018, ISSN 1221 – 5872, citat in:		
Articole care citează		Punctaj
1	Catalin Moldovan, Cosmin Cosma, Nichita Larisa Milodin, Christina Teusan, Petru Berce, Nicolae Balc, Finite element analyses of 3D printed composite robot component , Acta Technica Napocensis – Series: Applied Mathematics, Mechanics and Engineering, Vol 64, No 1, pp. 141-152, 2021.	3,33
2	Ioan Turcin, Ali Abdallah, Manfred Pauritsch, Cosmin Cosma, Nicolae Balc, Integrating Electronic Components into 3D Printed Parts to Develop a Digital Manufacturing Approach , IFIP International Conference on Advances in Production Management Systems, APMS, Springer, pp 138-145, 2020.	3,33
3	Ciupan, M.; Popa, M.; Ciupan, E. Method and program for the interpolation of experimental results of determining the mechanical properties of mineral composites for modern machine-tools , MTeM, MATEC Web of Conferences 299:05009, 2019, DOI: 10.1051/mateconf/201929905009.	3,33
4	Ioan Turcin, Ali Abdallah, Cosmin Cosma, Thomas Thiebet, Daniela Zavec, Nicolae Balc, Sweat glands module with integrated sensors designed for Additive Manufacturing , MTeM, MATEC Web Conf. Volume 299: 01011, 2019, DOI: 10.1051/mateconf/201929901011	3,33

Articol citat Panc N., Contiu G., Bocanet V., Thurn L., Sabău E. The influence of cutting technology on surface wear hardness , Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 17(3), 2019 pp. 205-210, citat in:		
Articole care citează		Punctaj
1	Ancuta PACURAR, Razvan PACURAR, Beáta ERŐSS, Cristina MIRON-BORZAN, Optimal tool path strategies for decreasing the manufacturing time of one thermoforming mold , Acta Technica Napocensis, Vol 64, No 1, pp. 71-80, 2021.	2

Articol citat Sabău E., Popescu A., Miron-Borzan C.Ş., Panc N. Mathematical regression model of unidirectional glass fibre reinforced polymer composites , Academic Journal of Manufacturing Engineering – AJME, ISSN 1583-7904, vol. 17(3), 2019 pp. 108-112, citat		
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in:		
Articole care citează		Punctaj
1	Catalin Moldovan, Cosmin Cosma, Nichita Larisa Milodin, Christina Teusan, Petru Berce, Nicolae Balci, Finite element analyses of 3D printed composite robot component , Acta Technica Napocensis – Series: Applied Mathematics, Mechanics and Engineering, Vol 64, No 1, pp. 141-152, 2021.	2,5

3.1.2 Citări în articole indexate BDI

Articol citat Borzan C.S., Berce P., Chezan H., Sabau E., Radu S.A., Ridzon M., Physico-mechanical properties characterization of the parts from PA 2200 manufactured by selective laser sintering technology , Academic Journal of Manufacturing Engineering - AJME, vol. 11, ISSUE 4 / 2013, pp. 108-113, ISSN: 1583-7904, citat in:		
Articole care citează		Punctaj
1	S. Terekhina, T. Tarasova, Sergei Egorov, Laurent Guillaumat, Lamine Hattali, On the difference in material structure and fatigue properties of polyamide specimens produced by fused filament fabrication and selective laser sintering , International Journal of Advanced Manufacturing Technology 111(1-2):1-15, 2020, DOI: 10.1007/s00170-020-06026-x	0,83
2	Fabian Neugebauer, Material- und Prozessmodellierung zur effizienten FEM-Berechnung der Verzugsentstehung beim Laser-Sintern von teilkristallinen Thermoplasten , zur Erlangung des akademischen Grades eines Doktors der Naturwissenschaften, 2017.	0,83
3	Ladislav, MOROVIČ; Ján, MILDE, Influence of part orientation on geometrical and dimensional accuracy in FDM method , Academic Journal of Manufacturing Engineering 15(1), pp. 24-28, 2017.	0,83
4	Ladislav, MOROVIČ; Ján, MILDE, CAD Model Created from Polygon Mesh , Applied Mechanics & Materials, Vol. 808, pp. 233-238, 2015.	0,83
5	Neugebauer, F., Müller, N., Ploshikhin, V., (...), Ambrosy, J., Witt, G., Temperature effects on tensile properties of laser sintered polyamide 12 , Materialprüfung/Materials Testing, 57(7-8), pp. 602-608, 2015.	0,83

Articol citat Emilia Sabău, Adrian Popescu, Cristian Vilau, Mechanical behavior of composite materials using the finite element analysis , MT&M - AMaTUC, MATEC Web of Conferences, Vol. 137, 2017, citat in:		
Articole care citează		Punctaj
1	Catalin Marin Buciuman, Cristian Vilau, Dagmar Cagáňová, Cristina Miron-Borzan, Chapter: The Analysis of Different Materials Used for an Electric Car Charger Shell Under the Wind Influence , in book: Advances in Industrial Internet of Things, Engineering and Management, 2021	1,66

2	Williams, Westin Bruce, Dissertation: Characterization of anisotropic guided wave propagation and scattering for robust in situ ultrasonic imaging of damage , Georgia Institute of Technology, 2019	1,66
3	Gabriel Nicodim Ciusca, Teodor Potra, Vasile Ceclan, Sorin Dumitru Grozav, Determination of field temperature for composite materials using empirical methods , Proceedings of the International Symposium for Production Research, 2019.	1,66
4	Cosmin Cosma, Bogdan Zaharia, Petru Berce, Nicolae Balc, Design for additive manufacturing to produce complex metal parts , Ro. J. Techn. Sci. – Appl. Mechanics, Vol. 64, no. 3, p. 225–235, Bucharest, 2019.	1,66

Articol citat

Bere, P, Nemes, O, Dudescu, C., Berce, P., **Sabau, E., Design and analysis of carbon/epoxy composite tubular parts**, Interdisciplinary Research in Engineering: Steps Towards Breakthrough Innovation for Sustainable Development book series: advanced engineering forum Vol. 8-9, pp: 207-214, **2013, citat in:**

Articole care citează		Punctaj
1	Marek Barski, Paweł J. Romanowicz, Malgorzata Chwal, Adam Stawiarski, Parametric Optimization of Isotropic and Composite Axially Symmetric Shells Subjected to External Pressure and Twisting , Journal of Composites Science 5(5):128, 2021.	1
2	Gutu, Marin, Analysis of a wind turbine's composite blades using a finite element model , Revista stiintifica Meridian Ingineresc, nr. 2, pp. 73-76, Published: 2014.	1
3	Mircea Cristian DUDESCU, Habilitation Thesis, Optical Methods in Experimental Mechanics of Solids , TUCN, 2015.	1
4	Cho-Pei Jiang, Ching-Wei Wu, Yung Chang Cheng, Design improvement and fatigue analysis for a bicycle handlebar stem system using uniform design method and genetic algorithm , ARCHIVE Proceedings of the Institution of Mechanical Engineers Part C Journal of Mechanical Engineering Science 1989-1996 (vols 203-210), 2020, DOI: 10.1177/0954406220904101	1

Articol citat

E. Sabău, H. Iancău, L. Hancu, M. Borzan, **Failure model for unidirectional fiber reinforced composites**, Revista Materiale Plastice, 2010, 47 (2) pp. 215-218, ISSN 0025/5289, citat in:

Articole care citează		Punctaj
1	Bere Paul; Berce Petru ; Cristian Dudescu, Manufacturing method of carbon/epoxy composite bent tubes with variable section , AJME vol. 12(3), pp. 84-89, 2014.	1,25
2	Bere Paul, Experimental research regarding vacuum bag technology for obtaining carbon/epoxi composites , AJME, Vol. 12(1), pp. 86-90, 2014.	1,25

Articol citat Ceclan V., Grozav S., Sabău E. , Popan A., Borzan C., Structural analysis of tubes hydroforming , Academic Journal of Manufacturing Engineering - AJME, vol. 11, ISSUE 3, 2013, pp. 56-59, ISSN: 1583-7904, citat in:		
Articole care citează		Punctaj
1	Ridzon, M.; Bilik, J. & Kosik, M., Effect of reducing on the mechanical properties of cold drawn tubes , 9th International DAAAM Baltic Conference "INDUSTRIAL ENGINEERING - 24-26 April 2014, Tallinn, Estonia.	1

Articol citat Paul Bere, Emilia Sabău, Cristian Dudescu, Calin Neamtu, Marius Fartan. Experimental research regarding carbon fiber/epoxy material manufactured by autoclave process , MTeM, MATEC Web of Conferences 299(2):06005, 2019, ISBN: 978-2-7598-9083-5, DOI: 10.1051/mateconf/201929906005, citat in:		
Articole care citează		Punctaj
1	Çağrı Uzay, Necdet Geren, Advanced technologies for fiber reinforced polymer composite manufacturing: A review , Journal of King Saud University Eng Sci, 23(4), 2020	1

Articol citat Popescu Adrian, Hancu Liana, Sabău Emilia , Radu Sever Adrian, Mechanical characteristics improvement for extruded products made of reinforced polyamide , Acta Technica Napocensis – Series: Applied Mathematics, Mechanics and Engineering, ISSN 1221 – 5872, pp. 201-204, vol. 57, Issue II / 2014, citat in:		
Articole care citează		Punctaj
1	Nicolae Panc, Glad Contiu, Vlad Bocanet, Comparative Analysis of Surface Finishing for Different Cutting Strategies of Parts Made from POM C , Advances in Manufacturing Engineering and Materials, pp. 324-332, 2018.	1,25

Total A3.1. Vizibilitate in baze de date citări: 142,19 puncte

3.2 Prezentări efectuate ca invitat/invitată în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv Erasmus)

Nr.	Titlu	Punctaj
1	Profesor invitat: Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology in Trnava - Department of Machining and Computer Aided Technologies, 26.09.2019, Tema seminarului:	20

	<i>Composite materials behavior and finite element analysis.</i> https://m.facebook.com/uvtemtfstu/	
	Total puncte 3.2	20

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

3.3.1 Indexate ISI

Nr.	Titlu	Punctaj
1	Membru în colectivul de organizare a 14th International Conference on Modern Technologies in Manufacturing (MTeM) Location: Cluj-Napoca, ROMANIA, 2019, https://mtem.utcluj.ro , volum indexat ISI Proceedings	10
2	Reviewer in International Conference on Modern Technologies in Manufacturing (MTeM) Location: Cluj-Napoca, ROMANIA, 2019, Book Series: MATEC Web of Conferences vol. 299, volum indexat ISI Proceedings	10
3	Membru în colectivul de organizare a 13 th International Conference on Modern Technologies in Manufacturing (MTeM-AMaTUC) Location: Cluj-Napoca, ROMANIA, 2017, https://mtem.utcluj.ro , volum indexat ISI Proceedings	10
4	Reviewer in International Conference on Modern Technologies in Manufacturing (MTeM-AMaTUC) Location: Cluj-Napoca, ROMANIA, 2017, Book Series: MATEC Web of Conferences vol. 137, volum indexat ISI Proceedings	10
	Total puncte 3.3.1	40

3.3.2 Indexate BDI

Nr.	Titlu	Punctaj
1	Membru în colectivul de organizare a 11 th International Conference on Modern Technologies in Manufacturing, Location: Cluj-Napoca, Romania, 2013, https://mtem.utcluj.ro .	8
	Total puncte 3.3.2	8

3.5 Premii

3.5.3 Premii Internaționale

1	Diploma de excelenta si Trofeul group Mechatron, pentru brevetul Procedeu și material compozit pentru realizarea plăcilor sintetice ornamentale, Emilia Sabău , Bălc Nicolae, Paul Bere, Expoziția Internațională de invenții Inventica 2018 , ediția XXII, Iași Romania	10
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2	Diploma si Medalia de aur, pentru brevetul Procedeu și material compozit pentru realizarea plăcilor sintetice ornamentale, Emilia Sabău , Bâlc Nicolae, Paul Bere, Expoziția Europeană a Creativității si Inovării Euroinvent ediția a X-a, 2018 , Iași, Romania.	10
3	Diploma si Medalia de aur, pentru brevetul Procedeu și material compozit pentru realizarea plăcilor sintetice ornamentale, Emilia Sabău , Bâlc Nicolae, Paul Bere, Expoziția Internațională de Cercetare, Inovare și Transfer tehnologic Inventica 2018 , ediția XXII a, Iași, Romania.	10
4	Diploma de excelență si Medalia de aur cu mențiune specială, pentru brevetul Procedeu și material compozit pentru realizarea plăcilor sintetice ornamentale, Emilia Sabău , Bâlc Nicolae, Paul Bere, Salonul Internațional al cercetării științifice, inovării si inventicii ProInvent ediția a XVI-a, 2018 , Cluj-Napoca, Romania	10
5	Diploma si Medalia de Aur, pentru brevetul Procedeu și material compozit pentru realizarea plăcilor sintetice ornamentale, Emilia Sabău , Bâlc Nicolae, Paul Bere, Cadet INOVA'16, prima ediție, 2016 , Sibiu, Romania	10
6	Diploma de excelență si Medalia de aur, pentru brevetul Procedeu și material compozit pentru realizarea plăcilor sintetice ornamentale, Emilia Sabău , Bâlc Nicolae, Paul Bere, Expoziția Internațională de Cercetare, Inovare și Transfer tehnologic Inventica 2014 ediția a XVIII a, Iași, Romania.	10
7	Diploma si Medalia de Argint, pentru brevetul Procedeu și material compozit pentru realizarea plăcilor sintetice ornamentale, Emilia Sabău , Bâlc Nicolae, Paul Bere, Expoziția Europeană a Creativității si Inovării Euroinvent ediția a VI-a, 2014 , Iași, Romania.	10
8	Diploma de excelență si Medalia de aur, pentru brevetul Procedeu și material compozit pentru realizarea plăcilor sintetice ornamentale, Emilia Sabău , Bâlc Nicolae, Paul Bere, Salonul Internațional de Inventica ProInvent ediția a XII-a, 2014 , Cluj-Napoca, Romania	10
Total puncte 3.5		80

3.6 Membru în academii, organizații, asociații de prestigiu

3.6.4 Asociații profesionale

3.6.4.2. Naționale

1	Membru al Asociației Universitare de Ingineria Fabricației (AUIF)	3
2	Membru al Asociației Naționale a Industriei Compozitelor RoCIA (Asociația Producătorilor de materiale compozite din România)	3
Total puncte 3.6		6

Total A3. Recunoașterea și impactul activității: 296,19 puncte

Data: 17.06.2021

Candidat: Șl. dr. ing. Sabău Emilia