



Universitatea Tehnică din Cluj-Napoca
 Facultatea Inginerie Industrială, Robotică și Managementul Producției
 Departamentul Ingineria Proiectării și Robotică
 Șef lucr. dr. ing. Emanuela Sorina Pop

LISTA DE LUCRĂRI

1. Lista celor 10 lucrări considerate relevante

1. **Emanuela Pop**, Emilia Campean, Ion Cristian Braga, Ispas Darius, *New product development of a robotic soldering cell using Lean manufacturing methodology*, Sustainability, Volume 14, Issue 21, 14057, 2022, <https://www.mdpi.com/2071-1050/14/21/14057>; WOS:000881528500001 [ISI FI 3.9, Q2];
2. Dobocan, C.A.; **Pop, E.**; Bogdan, M.; Grec, C., *Design and Modelling a Graduated Dispenser for Metabolic Diseases—Phenylketonuria*, Applied Sciences, Volume 12, Issue 20, 2022, <https://www.mdpi.com/2076-3417/12/20/10672>; WOS:000875891300001 [ISI IF 2.7, Q2].
3. **Emanuela Pop**, *Designing a Flattening, Punching and Trimming Device for Steel Tubes*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 65, Issue 3, Cluj-Napoca, Romania, Editura U.T. Press, ISSN 1221-5872, 2022, WOS:000889997300010, [ISI IF 0.3];
4. Mihai Ciupan, Claudiu Ioan Rusan, **Emanuela Sorina Pop**, *Numerical calculation of pneumatic losses in a rotary vane compressor*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 66, NO 1S, septembrie 2023, Cluj-Napoca, Romania, Editura U.T. Press, ISSN 1221-5872 (publicata - in curs de indexare WoS), <https://atna-mam.utcluj.ro/index.php/Acta/article/view/2214> [ISI IF 0.3];
5. Muresan, C.; Ciupan, C.; **Pop, E.**; Ciupan, M., *Optimization of the geometric parameters of thermoformed parts*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Volume 65, Issue 1, page 143-150, 2022, WOS:000773188500016, [ISI IF 0.3];
6. Cornel Ciupan, Emilia Ciupan and **Emanuela Pop**, *Algorithm for designing a hydraulic scissor lifting platform*, Modern Technologies in Manufacturing (MTEM 2019), 2019, Volume 299, DOI10.1051/mateconf/201929903012, WOS:000568128200035 [ISI Proceedings];
7. Ciupan E., Lăzărescu L., Filip I., Ciupan C., Câmpean E., Cionca I., **Pop E.** *Characterization of a thermoforming composite material made from hemp fibers and polypropylene*. Modern Technologies in Manufacturing (MTEM 2017 - AMATUC), 2017, Volum 137, ISBN:978-2-7598-9027-9, ISSN: 2261-236X, DOI10.1051/mateconf/201713708003, WOS:000426604200079 [ISI Proceedings];
8. Ciupan C., **Pop E.**, Filip I., Ciupan E., Câmpean E., Cionca I., Hereș V. *A new approach of the design process for replacing wooden parts of furniture* Modern Technologies in Manufacturing (MTEM 2017 - AMATUC), 2017, Volum 137, ISBN:978-2-7598-9027-9, ISSN: 2261-236X, DOI10.1051/mateconf/201713706002, WOS:000426604200066 [ISI Proceedings];
9. **Emanuela POP**, Mihai STEOPAN, Cornel CIUPAN, Ioan FILIP, *Decreasing the mass of a sofa side made of composite materials based on vegetable fibers*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 61, Issue 4, Cluj-Napoca, Romania, Editura U.T. Press, pp 775-780, ISSN 1221-5872, 2018, WOS:000453442200032;
10. Cornel Ciupan, Mihai Steopan, **Emanuela Pop**, Emilia Campean, Ioan Filip, Emilia Ciupan, *Comparative analysis of different ribs used to rigidize the resistance structure of a sofa side made of composite materials based on vegetable fibers*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 61, Issue 1, Cluj-Napoca, Romania, Editura U.T. Press, pp 39-44, ISSN 1221-5872, 2018, WOS:000428903500006;



2. Teza de doctorat

„Cercetări și contribuții privind construcția turbinelor eoliene de putere mică”

Conducător științific: **Prof.dr.ing. Cornel Ciupan**

Universitatea Tehnică din Cluj-Napoca

Susținere publică: **februarie 2014**

3. Brevete de invenții

1. **CUTIE DE VITEZE RECONFIGURABILĂ**, Ciupan C., Steopan M., Pop E. S., Număr brevet: RO 132365 B1/30.06.2023;
2. **DISPOZITIV DE SEMNALIZARE ÎN TRAFIC A AUTOVEHICULELOR SI A SITUATIILOR SPECIALE SI METODA DE EXPLOATARE A ACESTUIA**, Safriuc M., Ciupan C., Pop. E., Număr cerere de brevet: RO A/10058/2017
3. **METODĂ DE PROIECTARE A PIESELOR DIN STRUCTURA UNUI MOBILIER TAPIȚAT**, Ciupan C., Filip I., Ciupan E., Steopan M., Pop E., Câmpean E., Cionca I., Hereș V., Număr cerere de brevet: RO A/10065/12.10.2017

4. Cărți si capitole in Cărți

4.1. Cărți in edituri naționale (minimum 1 prim autor)

1. **Emanuela Sorina Pop**, *Mașini Unelte*, ISBN 978-606-020-738-2, Editura Mega, Cluj-Napoca, 2023, (225 pg.);
2. Corina Adriana Dobocan, **Emanuela Sorina Pop**, *Proiectarea produselor industriale prin metode moderne în vederea reducerii consumului de apă în procesul de fabricație*, ISBN 978-606-020-739-9, Editura Mega, Cluj-Napoca, 2023, (114 pg.).

4.2. Suporturi de curs / îndrumare (minim 2 din care 1 ca prim autor)

3. **Emanuela Pop**, Cornel Ciupan, Emilia Câmpean, Mihai Steopan, *Mașini Unelte : Îndrumător de lucrări de laborator*, U.T.Press, ISBN 978-606737-213-7, pe CD, Cluj-Napoca, 2016, (125 pg.);
4. Cornel Ciupan- coordonator, **Emanuela Pop**, Mihai Damian, Cristina Miron Borzan, Mihai Steopan, Liviu-Iacob Scurtu, Grigore Marian Pop, Alexandru Popan, Razvan Curta, Nicolae Panc, Mihai Ciupan, *Îndrumător pentru practica studenților în atelierul mecanic*, ISBN 978-606-737-418-6, Editura U.T. Press, Cluj-Napoca, 2019, (220 pg.);
5. **Emanuela Pop**, *Creativity and innovation in design* (suport de curs in format electronic), <https://e-learning.utcluj.ro/moodle/enrol/index.php?id=22> , 2023, (159 pg.).



5. Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal

5.1. Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI Proceedings (de la ultima promovare minim 5 (poziția 1-6) din care 1 în reviste (pozițiile 1-5), minimum 2 ca autor principal, (pozițiile 2, 4)

1. Mihai Ciupan, Claudiu Ioan Rusan, **Emanuela Sorina Pop**, *Numerical calculation of pneumatic losses in a rotary vane compressor*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 66, NO 1S, septembrie 2023, Cluj-Napoca, Romania, Editura U.T. Press, ISSN 1221-5872 (publicata - in curs de indexare WoS), <https://atna-mam.utcluj.ro/index.php/Acta/article/view/2214> [ISI IF 0.3];
2. **Emanuela Pop**, Emilia Campean, Ion Cristian Braga, Ispas Darius, *New product development of a robotic soldering cell using Lean manufacturing methodology*, Sustainability, Volume 14, Issue 21, 14057, 2022, <https://www.mdpi.com/2071-1050/14/21/14057>; WOS:000881528500001 [ISI FI 3.9, Q2];
3. Dobocan, C.A.; **Pop, E.**; Bogdan, M.; Grec, C., *Design and Modelling a Graduated Dispenser for Metabolic Diseases—Phenylketonuria*, Applied Sciences, Volume 12, Issue 20, 2022, <https://www.mdpi.com/2076-3417/12/20/10672>; WOS:000875891300001 [ISI IF 2.7, Q2].
4. **Emanuela Pop**, *Designing a Flattening, Punching and Trimming Device for Steel Tubes*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 65, Issue 3, Cluj-Napoca, Romania, Editura U.T. Press, ISSN 1221-5872, 2022, WOS:000889997300010, [ISI IF 0.3];
5. Muresan, C.; Ciupan, C.; **Pop, E.**; Ciupan, M., *Optimization of the geometric parameters of thermoformed parts*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Volume 65, Issue 1, page 143-150, 2022, WOS:000773188500016, [ISI IF 0.3];
6. Cornel Ciupan, Emilia Ciupan and **Emanuela Pop**, *Algorithm for designing a hydraulic scissor lifting platform*, Modern Technologies in Manufacturing (MTEM 2019), 2019, Volume 299, DOI10.1051/mateconf/201929903012, WOS:000568128200035 [ISI Proceedings];
7. **Emanuela S. Pop**, *Research on the efficiency of small capacity wind turbines in the built environment*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 59, Issue IV, pp 387 – 392, Cluj-Napoca, Romania, Editura U.T. Press, ISSN 1221-5872, 2016, WOS:000416957100008;
8. M. Steopan, C. Ciupan, R. Curta, **E. Pop**, *The identification of weaknesses and optimization of the sheet metal manufacturing process using six sigma methodology*, 2016 International Conference on Production Research - Regional Conference Africa, Europe And The Middle East (ICPR-AEM 2016) and 4th International Conference on Quality and Innovation in Engineering and Management (Qiem 2016), 2016, Editura U.T. Press, Cluj-Napoca, Romania, pp 368-373, ISBN: 978-606-737-180-2, WOS:000436122900064 [ISI Proceedings];
9. **E. Pop**, C. Ciupan, M. Steopan, *Reconfigurable gearbox for didactic purpose*, 2016 International Conference on Production Research - Regional Conference Africa, Europe And The Middle East (ICPR-AEM 2016) and 4th International Conference on Quality and Innovation in Engineering and Management (Qiem 2016), 2016, Editura U.T. Press, Cluj-Napoca, Romania, pp 179-183, ISBN: 978-606-737-180-2, WOS:000436122900030, [ISI Proceedings];
10. **E. Pop**, C. Ciupan, *Mathematical modeling of the flow processes for wind turbines*, 2016 International Conference on Production Research - Regional Conference Africa, Europe And The Middle East (ICPR-AEM 2016) and 4th International Conference on Quality and Innovation in Engineering and Management (Qiem 2016), 2016, Editura U.T. Press, Cluj-Napoca, Romania, pp 170-178, ISBN: 978-606-737-180-2, WOS:000436122900029, [ISI Proceedings];



11. **Souca (Pop), Emanuela**, *Small Wind Turbines - Performance investigation*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 57, Issue 2, 2014, Cluj-Napoca, Romania, Editura U.T. Press, pp 301-306, ISSN 1221-5872;
12. **Souca (Pop), Emanuela**: *Airfoil selection for aerodynamic performance criterion on small wind turbines*. Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 57, Issue 2, 2014, Cluj-Napoca, Romania, Editura U.T. Press, pp 291-300, ISSN 1221-5872, <http://www.atna-mam.utcluj.ro/>.

5.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (de la ultima promovare minim 5 (pozițiile 1-6))

1. **Emanuela Pop**, The Development of a Robotic Soldering Cell Using Lean Manufacturing Methodology, Review of Management and Economic Engineering, cod ISSN 1583-624X, Editura Toderesco, Cluj-Napoca, acceptată spre publicare;
2. **Emanuela POP**, Mihai STEOPAN, Cornel CIUPAN, Ioan FILIP, *Decreasing the mass of a sofa side made of composite materials based on vegetable fibers*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 61, Issue 4, Cluj-Napoca, Romania, Editura U.T. Press, pp 775-780, ISSN 1221-5872, 2018, WOS:000453442200032;
3. Cornel Ciupan, Mihai Steopan, **Emanuela Pop**, Emilia Campean, Ioan Filip, Emilia Ciupan, *Comparative analysis of different ribs used to rigidize the resistance structure of a sofa side made of composite materials based on vegetable fibers*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 61, Issue 1, Cluj-Napoca, Romania, Editura U.T. Press, pp 39-44, ISSN 1221-5872, 2018, WOS:000428903500006;
4. Ciupan C., **Pop E.**, Filip I., Ciupan E., Câmpean E., Cionca I., Hereș V. *A new approach of the design process for replacing wooden parts of furniture* Modern Technologies in Manufacturing (MTEM 2017 - AMATUC), 2017, Volum 137, ISBN:978-2-7598-9027-9, ISSN: 2261-236X, DOI10.1051/mateconf/201713706002, WOS:000426604200066 [[ISI Proceedings](#)];
5. Ciupan E., Lăzărescu L., Filip I., Ciupan C., Câmpean E., Cionca I., **Pop E.** *Characterization of a thermoforming composite material made from hemp fibers and polypropylene*. Modern Technologies in Manufacturing (MTEM 2017 - AMATUC), 2017, Volum 137, ISBN:978-2-7598-9027-9, ISSN: 2261-236X, DOI10.1051/mateconf/201713708003, WOS:000426604200079 [[ISI Proceedings](#)];
6. Safriuc M., Ciupan C., **Pop Emanuela**, *Visible light communication system between motor vehicles*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, Vol. 60, Issue 3, 2017, Cluj-Napoca, Romania, Editura U.T. Press, pp 301-306, ISSN 1221-5872, 2017, WOS:000416962000015;
7. Campean, E. M., Otel, C. C., & **Pop, E.** *Contributions Regarding the Improvement of Turning Processes Using Statistical Process Control Method*. In Applied Mechanics and Materials, Vol. 859, pp. 188–193, 2016, Trans Tech Publications, Ltd. <https://doi.org/10.4028/www.scientific.net/amm.859.188> [[Scientific.Net](#)]
8. **Pop E. S.**, Campean E. , Dragan T, *Research on the aerodynamics of blade profiles of wind turbines*, Journal of Sustainable Energy (JSE), Volume 7, Issue 3, 2016, Publisher & Editorial Office University of Oradea Editing House, pp 99-105, ISSN: 2067-5534 / Print, www.energy-cie.ro [[EBSCO](#), [DOAJ](#)]
9. T. Dragan, L. Morar, L. Ulici, **E. Pop**, Aspects which have an influence on the employee commitment for quality in organizations, Review of Management and Economic Engineering, Volume 15, Nr. 3, 2016 Cluj – Napoca, Toderesco Publishing House, pp 772-778, ISSN 1583-624X , www.rmee.org. [[EBSCO](#)]



10. **Souca (Pop), Emanuela** și Ciupan, Cornel: Considerations regarding the essential components used in the construction of small wind turbines, Proceedings of the 2nd International Conference on Quality and Innovation in Engineering and Management, 22th – 24th of November 2012, Cluj- Napoca, Romania, Supplement of the "Quality- Access to Success" Journal, Vol. 13, S5, 2012, Editura U.T. Press, Cluj-Napoca, România, pp 403-408, ISBN: 1582-2559 [SCOPUS]
11. Toma, Alexandra; **Souca (Pop), Emanuela**; Safriuc, Mihai; Ciupan, Cornel: *Research and Contribution Regarding the Ergonomic Principles Applied on Human-Machine Interface Design Analyze*, Acta Technica Napocensis, series: Applied Mathematics and Mechanics, 54, Issue II, 2011, Cluj-Napoca, Romania, Editura U.T. Press, ISSN 1221-5872, <http://www.atna-mam.utcluj.ro/>. [SCOPUS]

6. Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

6.1. Articole în reviste / Proceedings naționale / internaționale neindexate

1. Mihai Steopan, **Emanuela Pop**, Emilia Ciupan, Ioan Filip, *Numerical research on a hemp reinforced composite material sofa side model*, Proceedings of the XXIInd International Scientific Conference "INVENTICA 2018", Iasi, June 28-29, pp. 1-7, 2018;
2. Steopan M., Ciupan C., Campean E., **Pop E.**, Filip I., Stelea L., *Optimizing a sofa side made of composite materials based on vegetable fibre*, Proceedings of the XXIth International Scientific Conference "INVENTICA 2017", Iasi, June 29-30, pp. 95-103, 2017;
3. Filip I., Ciupan E., Cionca I., Ciupan M., **Pop E.**, Câmpean E., Hereș V, Rat F. *Furniture parts made of composite materials based on vegetable fibers*. Proceedings of the XXIth International Scientific Conference "INVENTICA 2017", Iasi, June 29-30, pp. 38 – 45, 2017;
4. Emilia Ciupan, Florin Lungu, Cornel Ciupan, **Emanuela Pop**, *A new approach of the desingning process of the innovative products*, International Conference on Applied Science, Healthcare and Engineering, 18th- 19th August 2016, Venice, Italy, Canadian International Journal of Science and Technology, January 2017, pp 7-18, ISSN 2356 – 9085, www.tcsse.org. [B+]
5. Emilia CÂMPEAN, **Emanuela POP**, Emilia CIUPAN, Cornel CIUPAN, *Înlocuirea lemnului din structura de rezistență a mobilierului tapițat prin utilizarea resurselor regenerabile*, Tehnica UTCM, Cucuteni – 5000 REDIVIVUS, 2018;
6. Mihai Steopan, Cornel Ciupan, Monica Gruia, **Emanuela Pop**, *Platforme mobile robotizate: creație studențească*, Tehnica UTCM, Cucuteni – 5000 REDIVIVUS, 2018;
7. **Emanuela S. Pop**, Emilia Campean, *Researches concerning the integration of wind turbines in urban environment*, Proceedings of 2016 International Conference on Hydraulics and Pneumatics - Hervex, November 9-11, 2016, Baile Govora, Romania, pp 326-334, ISSN 1454 – 8003, <http://hervex.fluidas.ro>;
8. **Souca (Pop), Emanuela**; Petrus, Rareș; Ferent-Pîpas, Silvia și Ciupan, Cornel: *Programme for selecting the appropriate urban wind turbine according to the location*, Proceedings of the 6th International Conference of Manufacturing Science and Education – MSE 2013, 12-15 June 2013, Sibiu, România, Editura Universității "Lucian Blaga" din Sibiu, pp 97-100, ISSN 1843 – 2522, <http://conferences.ulbsibiu.ro/mse/>;
9. Ferent Pîpaș (Pădurean), Silvia; Pădurean, Bogdan; **Souca (Pop), Emanuela**; Petruș, Rareș; Ciupan, Cornel: *Mathematical Model And Considerations About Cutting Costs Of A Water Jet Machine*, Proceedings of the 6th International Conference of Manufacturing Science and Education – MSE 2013, 12-15 June 2013, Sibiu, România, Editura Universității "Lucian Blaga" din Sibiu, pp 143 – 146, ISSN 1843 – 2522, <http://conferences.ulbsibiu.ro/mse/> ;



10. **Souca (Pop), Emanuela:** *Cercetări și contribuții privind construcția generatoarelor eoliene de putere mică*, Ziua Facultății Construcții de Mașini, 12 Iunie 2013, Amfiteatrul A113, B-dul Muncii 103-105, Cluj Napoca, Romania, 2013 (lucrare comunicată);
11. **Souca (Pop), Emanuela:** *Plan de afaceri - program pentru simularea și alegerea turbinelor eoliene de capacitate mică*, Concursul "Cea mai bună idee antreprenorială în domeniul dezvoltării durabile", Conferința Antreprenariat, Mediu de Afaceri și Dezvoltare Durabilă – AMDD 2013, Cluj-Napoca, 4-5 Iulie 2013;
12. **Souca (Pop), Emanuela și Ciupan, Cornel:** Considerations regarding the appropriate location for urban wind turbines, Q-DOC Project – Doctoral students' session, Technical University of Cluj-Napoca, Romania, 2013 (lucrare comunicată);

7. Premii naționale și internaționale în domeniu

1. Diploma and Gold Medal, Ciupan C., Ciupan E., Pop E., International Exhibition INVENTCOR 3rd edition, 15-17.12.2022, Deva, Stand for Thermoplastic Samples From Thermoplastic Composite Materials
2. Diploma and Gold Medal, Ciupan E., Filip I., Ciupan M., Pop E., International Exhibition INVENTCOR 3rd edition, 15-17.12.2022, Deva, Characterization Method of Thermoplastic Composite Materials Made by CAFT Technology
3. Diploma and Gold Medal, Ciupan E, Pop E, Campean E., International Exhibition INVENTCOR 3rd edition, 15-17.12.2022, Deva, Thermoforming Process of Samples Made of Composite Materials with Plant Fibers and Polypropylene
4. Diploma of Honour, Medal Inventica 2019, Ciupan C., Filip I., Ciupan E., Steopan M., Pop E.S., Câmpean E.M., Cionca I., Heres V., „Method of Designing Parts from the Upholstered Furniture Structure”, The XXIII-th INTERNATIONAL EXHOBITION OF INVENTICS, INVENTICA 2019, Iași, România, 26-28 June 2019
5. Diploma de excelență și premiu special al BUASVM "King Michael I of Romania", Timișoara, " Metoda de proiectare a pieselor din structura unui mobilier tapitat", The 23rd International Exhibition of Inventics " INVENTICA" 2019, Iași
6. Diploma de excelență cu medalie Universitatea De Stat de Medicină și Farmacie "NICOLAE TESTEMIȚANU" din Republica Moldova, " Metoda de proiectare a pieselor din structura unui mobilier tapițat", EIS "INFOINVENT" 2019, Chișinău
7. Diploma și medalie de aur pentru lucrarea: METODĂ DE PROIECTARE A PIESELOR DIN STRUCTURA UNUI MOBILIER TAPIȚAT, Autori: Cornel Ciupan, Ioan Filip, Emilia Ciupan, Mihai Steopan, Emanuela Sorina Pop, Emilia Maria Câmpean, Ioan Cionca, Vasile Heres, acordată în cadrul Salonului PRO INVENT 2019, Cluj-Napoca
8. Innovation Award of University of Argonomic Sciences and Veterinary Medicine of Bucharest, Sofa side made by termoforming process, The International Specialized Exhibition INFOINVENT 2019, Chisinau
9. Diplomă și medalia de aur, "Dispozitiv de semnalizare în trafic a autovehiculelor și a situațiilor speciale și metoda de exploatare a acestuia - A/10058/2017", Salonul Internațional al Cercetării Științifice, Inovării și Inventicii Pro Invent, Ediția XVI, 21-23 martie 2018, Cluj-Napoca
10. Diplomă de excelență și medalia de aur cu mențiune specială, Salonul Internațional de Inventică PRO INVENT Ediția XVI, 2018, Cluj-Napoca, Metodă de proiectare a pieselor din structura unui mobilier tapițat
11. Diplomă și medalia de aur, "Traffic warning device for vehicles and special situations and its operating method - RO A/10058/2017", Euroinvent 10 Edition, 2018, Iași
12. Diplomă și medalia de aur, "Traffic warning device for vehicles and special situations and its operating method - RO A/10058/2017", The 22rd International Exhibition of Inventics " INVENTICA" 2018, Iași



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13. Diplomă și medalia de aur, " Reconfigurable gearbox", Euroinvent 2017 9th Edition, 2017, Iași
14. Medalia de aur, Metodă de proiectare a pieselor din structura unui mobilier tapițat, INFOINVENT, Chișinău, 2017
15. Diplomă de excelență și medalia de aur cu mențiune specială, Salonul Internațional de Inventică PRO INVENT Ediția XV, 2017, Cluj-Napoca, Proiectarea și optimizarea lateralelor de canapea în vederea realizării prin termopresare din materiale compozite pe bază de fibre vegetale-SOFACOMP
16. Diplomă și medalia de aur, "Reconfigurable gearbox", The 21th International Exhibition of Inventics "Inventica 2017", Iași, 2017
17. Premiul Universității Politehnica București, "Reconfigurable gearbox", The 21th International Exhibition of Inventics "Inventica 2017", Iași, 2017
18. Premiul Centrului Național de Sănătate Publică a Republicii Moldova, „Metodă de proiectare a pieselor din structura unui mobilier tapițat”, INFOINVENT, Chișinău, 2017
19. Diploma de excelență și medalia de aur cu mențiune specială, Salonul Internațional de Inventică PRO INVENT Ediția XV, 2017, Cluj-Napoca, Cutie de viteze reconfigurabilă, Cornel Ciupan, Mihai Steopan, Emanuela Pop
20. Best Presentation 2016 International Conference on Production Research, Regional Conference-Africa, Europe and the Middle East and 4th International Conference on Quality and Innovation in Engineering and Management, July 25th-30th, 2016, Cluj-Napoca
21. Medalia IWIS (International Warsaw Invention Skow), "Automatic turf irrigation system Rain Xpert", Emanuela Souca (Pop) 9th PROINVENT exhibition, Cluj-Napoca, 2011

Google Scholar: h – index: 4, i10-index : 2, 52 citări , 40 citări in ultimi 5 ani, 24 articole indexate;

Scopus: h – index: 1, 6 citări, 6 citări in ultimi 5 ani, 5 articole indexate;

Web of Science: h-index: 3, 14 citări in ultimi 5 ani, 16 articole indexate.

Cluj- Napoca
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Emanuela Sorina Pop

