

## INFORMAȚII PERSONALE

## Mircea-Horia Țierean

 mtierean@unitbv.ro

Sexul M | Data nașterii

| Naționalitatea Română

## POZIȚIA

membru în comisia pentru analiza și susținerea unei teze de doctorat la UTGA Iași

Decembrie 1989 - prezent

**Profesor (2000-prezent), Conferențiar (1997-2000), Șef de lucrări (1992-1997), Asistent (1989-1992)**

Universitatea Transilvania din Brașov, Bl. Eroilor 29, 500036, Brașov, Romania, www.unitbv.ro

Educație, cercetare

Conducător de doctorat în domeniul Ingineriei materialelor, ordinul MECI nr. 4697/14.08.2009, 5 teze de doctorat validate de CNATDCU

[Tipul sau sectorul de activitate](#) Educație și cercetare

Mai 2013-Iulie 2015

**Cercetător**

Red Dome Shelter SRL, str. Bradului 1, 530182, Miercurea – Ciuc, Romania, www.reddome.eu

Proiectarea domurilor geodezice, materiale compozite

[Tipul sau sectorul de activitate](#) Cercetare, dezvoltare

Septembrie 1996 - Martie 2008

**Proiectant (1996-2003), responsabil calitate (2003-2008)**

Braflex SRL, str. Eremia Grigorescu 6, 500327, Brașov, Romania, www.braflex.ro

Proiectarea cuplajelor, supapelor, lagărelor, managementul calității

[Tipul sau sectorul de activitate](#) Industrie

Septembrie 1986 - Decembrie 1989

**Cercetător**

Institutul de cercetare și proiectare tractoare, str. 13 Septembrie 94, 500164, Brașov, Romania

Proiectarea tractoarelor industriale, macarale mobile

[Tipul sau sectorul de activitate](#) Cercetare, dezvoltare

Septembrie 1984 - Septembrie 1986

**Inginer stagiar**

Metaloplast SA, str. Ecaterina Teodoroiu 38, 500450, Brașov, Romania

Proiectare tehnologie, scule, dispozitive

[Tipul sau sectorul de activitate](#) IndustrieEXPERIENȚA PROFESIONALĂ  
EDUCAȚIE ȘI FORMARE

1990 - 1995

**Doctoratul în Inginerie Mecanică**

Universitatea Transilvania din Brașov, Romania

▪ Optimizare, fiabilitate, structuri

Nivel 8 EQF

1989 - 1990	<b>Absolvent curs postuniversitar</b> Universitatea Politehnica București, Romania ▪ Măsurarea tensiunilor	Nivel 6 EQF
1979 - 1984	<b>Diploma de inginer</b> Universitatea Transilvania din Brașov, Romania ▪ Tehnologia construcțiilor de mașini	Nivel 6 EQF

**COMPETENTE PERSONALE**

Limba maternă Română

## Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	C1	C1	C1	B2	B2
Franceză	C1	C1	C1	B1	B1

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat  
[Cadrul european comun de referință pentru limbi străine](#)

**Competențe de comunicare**
**Competențe organizaționale/manageriale**

- bune competențe de comunicare, dobândite prin experiența didactică și de management,
- spirit de echipă.
- leadership, dobândit ca președinte al senatului Universității Transilvania din Brașov, decan al Facultății de Știința și ingineria materialelor, directorul departamentului Ingineria materialelor și sudură,
- managementul cercetării, dobândit ca responsabil de grant FP7,
- calități de organizator, dobândit ca membru al comitetului de coordonare al Mediatecii Norbert Detaeye și al conferințelor BraMat.

**Competențe dobândite la locul de muncă**

- cooperare internațională,
- o bună cunoaștere a proceselor de control al calității.

**Competențe informatice**

- o bună cunoaștere a instrumentelor Microsoft Office™,
- bune cunoștințe de editare foto, dobândite ca fotograf amator,
- Autodesk Inventor, Autodesk Simulation, Abaqus, Cosmos, MathCAD.

**Alte competențe**

- evaluarea cercetării și a educației (CNCSIS 2004-2010, CEEEX 2005, CNMP 2007-2008, ARACIS 2007-prezent, CNATDCU 2012-2016, 2017-2020)

**Permis de conducere**

- B

**INFORMATII SUPLIMENTARE**

- Publicații
  - cărți = 15
  - co-editor conferințe internaționale = 6
  - Web of Science Core Collection = 73
  - brevete de invenție = 4
- Prezentări
  - prezentări la conferințe internaționale = 49
  - prezentări la conferințe românești = 33
- Proiecte
  - proiecte internaționale = 6
  - proiecte românești = 12
- Afilieri
  - Academia de Științe Tehnice din România, membru corespondent
  - Asociația Română de Mecanica Ruperii
  - Asociația de Sudură din România
- Citări
  - în Web of Science = 332
  - Clarivate Analytics (h-index=10), Scopus (h-index=11)
- Linkuri
  - UEFISCDI ID: U-1700-039W-5058
  - ORCID ID: 0000-0001-5185-3116
  - WoS ID: D-4226-2011
  - Scopus Author ID: 26421436700
  - SciProfiles: 1478998
  - Google Scholar ID: [iPKPJkAAAAJ](#)
  - ERIH+ ID: ur.011573041615.48
- Comisii de doctorat
- Referințe
  - Membru în comisii de abilitare și doctorat la universități din Olanda, Spania, Romania
  - Referințele pot fi furnizate la cerere

## LIST OF PUBLICATIONS

**Ph. D. Thesis:**

“Contributions to the optimization based on reliability of strength structures”

Supervisor: Prof.dr.eng. Ioan A. Goia, public presentation 1995, September 22.

**Books:**

1. Tofan, D., Cuculea, D.C., Moldovan, E.R., Croitoru, C., Țierean, M.H., Stanciu, E.M., Pascu, A., Baltas, L.S., *Știința materialelor în inginerie. Aplicații practice, (Materials science in engineering. Practical applications)*, Editura Printech, București, ISBN 978-606-23-1644-0, 2025, 100 pag.
2. Luca, M.A., Țierean, M.H., *Elemente de știința materialelor (Materials science elements)*, Editura Universității “Transilvania” Brașov, ISBN 978-606-19-0635-2, 2015, 263 pag.
3. Leoveanu, I.S., Țierean, M.H., *Metode numerice avansate: aplicații în modelarea metalelor (Advanced numerical methods: applications in metals modelling)*, Editura Universității “Transilvania” Brașov, ISBN 978-973-598-671-1, 2009, 200 pag.
4. Ceorapin, G.C., Țierean, M., Roată, I.C., *Metode Numerice. Lucrări de laborator în MatLab (Numerical methods. Lab works in MatLab)*, Editura Lux Libris, ISBN 978-973-131-000-8, 2007, Brașov, 242 pag.
5. Goia, I., Vlase, S., Țierean, M., Dimitriu, S., Teodorescu, H., Pop, O., Plamadeala, R., *Rezistența materialelor. Capitoale speciale. Probleme (Strength of materials, Special chapters. Problems)*, Editura Lux Libris Brașov, ISBN 978-973-9458-92-4, 2007, 278 pag.
6. Țierean, M., Eftimie, L., Baltas, L., *Materials Science*, Editura Universității “Transilvania” Brașov, ISBN 973-635-684-1, 2006, 322 pag.
7. Țierean, M., *Mecanica ruperii (Fracture mechanics)*, Editura Lux Libris Brașov, ISBN 973-9240-98-4, 1999, 209 pag.
8. Țierean, M., Machedon, T., Luca, V., *Ghid de control cu ultrasunete (Ultrasonic testing guide)*, Editura Universității “Transilvania” Brașov, ISBN 973-9474-27-6, 1999, 158 pag.
9. Tofan, M., Goia, I., Țierean, M., Ulea, M., *Deformatele structurilor (Structures’ strains)*, Editura Lux Libris Brașov, ISBN 973-96854-2-0, 1995, 248 pag.
10. Olah, A., Țierean, M., *Alegerea materialelor (Choosing materials)*, Universitatea “Transilvania” Brașov, 2002, 107 pag.
11. Țierean, M., Eftimie, L., Radu, G., *Technical engineering, Laboratory Guide*, Universitatea “Transilvania” Brașov, 2002, 104 pag.
12. Țierean, M., Eftimie, L., Radu, G., *Technical engineering*, Universitatea “Transilvania” Brașov, 2001, 306 pag.
13. Țierean, M., *Analiza avariilor structurilor sudate (Failure analysis of welded structures)*, Universitatea “Transilvania” Brașov, 1996, 194 pag.
14. Goia, I., Sperchez, F., Ciofoaia, V., Radu, G., Ulea, M., Țierean, M., *Rezistența materialelor. Culegere de probleme (Strength of materials. Problems)*, Universitatea “Transilvania” Brașov, 1991, 358 pag.
15. Novac, G., Dinescu, I., Țierean, M., Cătană, D., Bogdan, C., Novac, N., *Proiectarea mașinilor, utilajelor și construcțiilor sudate. Îndrumar de lucrări practice, (Welded structures design. Practical works)*, Universitatea “Transilvania” Brașov, 1998, 49 pag.

**Co-editor international conference:**

1. Munteanu, D., Vaz, F., Mirza Rosca, J.C., Croitoru, C., Țierean, M.H., *12<sup>th</sup> International Conference on Materials Science & Engineering BraMat 2022*, 9th – 12th March 2022, Brasov, Romania, Materials Today Proceedings, Elsevier, ISSN 2214-7853, Vol. 72, Iss. P2 (2023) 533–614, 81 pag.
2. Munteanu, D., Vaz, F., Țierean, M.H., Croitoru, C., *11<sup>th</sup> International Conference on Materials Science & Engineering, BraMat 2019*, 13th – 16th March 2019, Brasov, Romania, Materials Today Proceedings, Elsevier, ISSN 2214-7853, Vol. 19, Iss. P3 (2019) 909–1098, 149 pag.
3. Munteanu, D., Țierean, M.H., *Advanced Technologies of Materials Processing II*, Materials Science Forum Vol. 907, Trans Tech Publications, ISBN-13: 978-3-0357-1075-5, 2017, 254 pag.
4. Munteanu, D., Țierean, M.H., *Advanced Technologies of Materials Processing*, Advanced Materials Research Vol. 1128, Trans Tech Publications, ISBN-13: 978-3-03835-637-0, 2015, 420 pag.
5. Țierean, M., Rață, C., *Cadrul organizatoric, probleme și metode de soluționare pentru aplicații energetice eficiente în diferite tipuri de clădiri din România (The managerial problems and solving methods for applications in various types of energy efficient buildings in Romania)*, Editura Universității “Transilvania” Brașov, ISBN 973-635-282-X, 2004, 277 pag.
6. Ștefănescu, D., Ruxanda, R., Țierean, M., Șerban, C., (editors) *Proceedings of the International Conference on the Science of Casting and Solidification*, Editura Lux Libris Brașov, ISBN 973-9428-67-3, 2001, 418 pag.

**Papers:**
**WoS Journals:**

1. Moldovan, E.R., Baltas, L.S., Croitoru, C., Pascu, A., Țierean, M.H., Corrosion Behavior upon Laser Surface Texturing AISI 430 Stainless Steel, *Metals*, 2025, 15(12), 1387, eISSN: 2075-4701, DOI: 10.3390/met15121387, WOS:001647142600001, IF=2.5, (corresponding author), (JCR Q2 in Metallurgy and Metallurgical Engineering).
2. Talavera Martin, L.F., Fatu, I., Mirza-Rosca, J., Țierean, M.H., Transnational learning and teaching activities: Smart Healthcare Engineering, *Computational and Structural Biotechnology Journal*, Volume 28, 2025, Pages 1-8, ISSN: 2001-0370, DOI: 10.1016/j.csbj.2024.12.028, WOS:001421382400001, IF=4.5, (JCR Q1 in Biochemistry & Molecular Biology).
3. Stanciu, E.M., Pascu, A., Croitoru, C., Roata, I.C., Cristea, D., Țierean, M.H., Hulka, I., Petre, I.M., Mirza Rosca, J.C., Functional Surfaces via Laser Processing in Nickel Acetate Solution, *Materials* 2023, 16 (8), 3087. eISSN: 1996-1944, DOI: 10.3390/ma16083087, WOS:000976464500001, IF=3.4, (JCR Q1 in Metallurgy & Metallurgical Engineering).

4. Mocanu, A.C., Miculescu, F., Stan, G.E., Tite, T., Miculescu, M., Țierean, M.H., Pascu, A., Ciocoiu, R.C., Butte, T.M., Ciocan, L.T., Development of ceramic coatings on titanium alloy substrate by laser cladding with pre-placed natural derived-slurry: Influence of hydroxyapatite ratio and beam power, *Ceramics International*, Volume 49, Issue 7, 2023, 10445-10454, ISSN: 0272-8842, <https://doi.org/10.1016/j.ceramint.2022.11.227>, WOS:000944679300001, IF=5.2, (JCR Q1 in Materials Science, Ceramics).
5. Moldovan, E.R.; Concheso Doria, C.; Ocaña, J.L.; Istrate, B.; Cimpoesu, N.; Baltas, L.S.; Stanciu, E.M.; Croitoru, C.; Pascu, A.; Munteanu, C.; Țierean, M.H., Morphological Analysis of Laser Surface Texturing Effect on AISI 430 Stainless Steel. *Materials* 2022, 15, 4580. eISSN: 1996-1944, DOI 10.3390/ma15134580, WOS:000824045100001, IF=3.748, (corresponding author), (JCR Q1 in Metallurgy & Metallurgical Engineering).
6. Andrei, O.C.; Tănăsescu, L.A.; Tărlungeanu, I.D.; Dina, M.N.; Țierean, M.H. Finite Element Comparative Analysis of von Mises Stress Levels in Unilateral Removable Partial Denture with and without Distal Implant. *Applied Sciences* 2022, 12, 5116. DOI 10.3390/app12105116, WOS:000801255500001, IF=2.838, (corresponding author), (JCR Q1 in Engineering, Multidisciplinary).
7. Moldovan, E.R.; Concheso Doria, C.; Ocaña, J.L.; Baltas, L.S.; Stanciu, E.M.; Croitoru, C.; Pascu, A.; Roata, I.C.; Țierean, M.H. Wettability and Surface Roughness Analysis of Laser Surface Texturing of AISI 430 Stainless Steel. *Materials* 2022, 15, 2955. eISSN: 1996-1944, DOI:10.3390/ma15082955, WOS:000787465000001, IF=3.748, (corresponding author), (JCR Q1 in Metallurgy & Metallurgical Engineering).
8. Moldovan, E.R., Concheso Doria, C., Ocaña Moreno, J.L., Baltas, L.S., Stanciu, E.M.; Croitoru, C., Pascu, A., Țierean, M.H., Geometry Characterization of AISI 430 Stainless Steel Microstructuring Using Laser. *Archives of Metallurgy and Materials*, 2022, volume: 67, issue: 2, 645-652. DOI: <https://doi.org/10.24425/amm.2022.137801>, WOS:000813491700008, IF=0.633, (corresponding author).
9. Baltas, L.S., Patachia, S., Ekincioglu, O., Ozkul, H., Croitoru, C., Munteanu, C., Istrate, B., Țierean, M.H., Polymer-Cement Composites Glazing by Concentrated Solar Energy, *Coatings*, 2021, volume: 11, issue: 3, article number 350, eISSN: 2079-6412, DOI: 10.3390/coatings11030350, WOS:000633596300001, IF=3.236, (corresponding author), (JCR Q2 in Materials Science, Coatings & Films).
10. Samoila, C., Ursutiu, D., Tavkheldize, A., Jangidze, L., Taliashvili, Z., Skhiladze, G., Țierean, M., Nanograting layers of Si, *Nanotechnology*, 2020, volume: 31, issue: 3, article number: 035301, ISSN: 0957-4484, DOI: 10.1088/1361-6528/ab4889, WOS:000501840300001, IF=3.551, (corresponding author), (JCR Q2 in Physics, Applied).
11. Luca, M.A., Țierean, M.H., Machedon Pisu, T., Rodriguez, J., Croitoru, C., The influence of concentrated solar energy flux on the structure and properties of stainless steel brazed joints, *Journal of thermal analysis and calorimetry*, 2020, ISSN: 1388-6150, DOI: 10.1007/s10973-019-09113-8, WOS:000500853500007, IF=2.731, (JCR Q2 in Thermodynamics).
12. Yan, G., Wu, Y., Cristea, D., Liu, L., Țierean, M., Wang, Y., Lu, F., Wang, H., Yuan, Z., Munteanu, D., Zhao, D., Mechanical properties and wear behavior of multi-layer diamond films, deposited by hot-filament chemical vapor deposition, *Applied Surface Science*, 2019, vol. 494, pages 401-411, ISSN: 0169-4332 DOI: 10.1016/j.apsusc.2019.07.110, WOS:000487838900046, IF=6.182, (JCR Q1 in Materials Science, Coatings & Films).
13. Baltas, L., Costiuc, L., Patachia, S., Țierean, M., Differential scanning calorimetry—a powerful tool for the determination of morphological features of the recycled polypropylene, *Journal of Thermal Analysis and Calorimetry*, 2019, Vol: 138, Issue: 4, Pages: 2399-2408, ISSN: 1388-6150, DOI: 10.1007/s10973-019-08679-7, WOS:000499703500004, IF=2.731, (JCR Q2 in Thermodynamics).
14. Pascu, A., Stanciu, E.M., Croitoru, C., Roata, I.C., Mirza Rosca, J., Cimpoesu, N., Țierean, M.H., Bogatu, C., Pulsed Laser Cladding of NiCrBSiFeC Hardcoatings Using Single-Walled Carbon Nanotube Additives, *Journal of Nanomaterials*, 2019, article ID 2401295, 12 pages, ISSN: 1687-4110, <https://doi.org/10.1155/2019/2401295>, WOS:000487080800001, IF=1.980.
15. Andrei, O.C., Țierean, M.H., Burlibasa, M., Daguci, L., Scrieci, M., Farcasiu, C., Bisoc, A., Ionescu, I., Daguci, C., Tanasescu, L.A., Masticatory Area Influence on Stress in Saddle in Attachments Implant Supported Dentures, *Romanian Biotechnological Letters*, 2019, Volume: 24 Issue: 4, Pages: 684-691, DOI: 10.25083/rbl/24.4/684.691, WOS:000482118200014, IF=0.765. <https://www.rombio.eu/docs/Andrei%20et%20al.pdf>.
16. Yan, G.Y., Wu, Y.H., Cristea, D., Lu, F., Wang, Y.B., Zhao, D.H., Țierean, M., Liu, L.S., Machining performance of hard-brittle materials by multi-layer micro-nano crystalline diamond coated tools, *Results in Physics*, 2019, Volume: 13, Article Number: 102303, ISSN: 2211-3797 DOI: 10.1016/j.rinp.2019.102303, WOS:000476618700191, IF=4.019, (JCR Q2 in Materials Science, Multidisciplinary).
17. Feldiorean, D., Cristea, D., Țierean, M., Croitoru, C., Gabor, C., Jakab-Farkas, L., Cunha, L., Barradas, N.P., Alves, E., Craciun, V., Marin, A., Moura, C., Leme, J., Socol, M., Craciun, D., Cosnita, M., Munteanu, D., Deposition temperature influence on the wear behaviour of carbon-based coatings deposited on hardened steel, *Applied Surface Science*, 2019, vol. 475, pages: 762–773, DOI: 10.1016/j.apsusc.2019.01.028, WOS:000458482100090, IF=6.182, (JCR Q1 in Materials Science, Coatings & Films).
18. Patachia, S., Croitoru, C., Baltas, L., Țierean, M., Colors distribution in polymer wastes and color prediction of recycled polymers, *Environmental Engineering and Management Journal*, 2019, Volume: 18 Issue: 5, Pages: 1039-1048, WOS:000473511200009, IF=1.186.
19. Baltas, L., Patachia, S., Țierean, M., Ekincioglu, O., Ozkul, M.H., Photoactive polymer-cement composites for tannins removal from wastewaters, *Journal of Environmental Chemical Engineering*, 2018, Volume: 6, Issue: 4, Pages: 4357-4367, ISSN: 2213-3437, DOI: 10.1016/j.jece.2018.06.039, WOS:000444046700062, IF=4.3, (JCR Q1 in Engineering, Environmental).
20. Baltas, L., Patachia, S., Țierean, M., Ekincioglu, O., Ozkul, H.M., Photoactive glazed polymer-cement composite, *Applied Surface Science*, 2018, vol. 438, pages: 84-95, ISSN: 0169-4332, DOI: 10.1016/j.apsusc.2017.09.068, WOS:000425731200011, IF=6.182, (JCR Q1 in Materials Science, Coatings & Films).
21. Olah, A., Croitoru, C., Țierean, M.H., Surface properties tuning of welding electrode-deposited hardfacings by laser heat treatment, *Applied Surface Science*, 2018, Volume: 438, Pages: 41-50, ISSN: 0169-4332, DOI: 10.1016/j.apsusc.2017.10.090, WOS:000425731200006, IF=6.182, (JCR Q1 in Materials Science, Coatings & Films).
22. Stanciu, E.M., Pascu, A., Croitoru, C., Țierean, M., Mirza Rosca, J., Hulka, I., Solar radiation synthesis of functional carbonaceous materials using Al<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub>-Cu-HA doped catalyst, *Applied Surface Science*, 2018, Volume: 438, Pages: 33-40, ISSN: 0169-4332, DOI: 10.1016/j.apsusc.2017.10.092, WOS:000425731200005, IF=6.182, (JCR Q1 in Materials Science, Coatings & Films).

23. Stanciu, E.M., Pascu, A., Țierean, M.H., Roata, I.C., Voiculescu, I., Hulka, I., Croitoru, C., Dissimilar Laser Welding of AISI 321 and AISI 1010, *Tehnicki Vjesnik-Technical Gazette*, 2018, Volume: 25, Issue: 2, Pages: 344-349, ISSN: 1330-3651, DOI: 10.17559/TV-20160722151049, WOS:000430936800006, IF=0.67.
24. Pascu, A., Stanciu, E.M., Croitoru, C., Roata, I.C., Țierean, M.H., Carbon Nanoparticle-Supported Pd Obtained by Solar Physical Vapor Deposition, *Advances in Materials Science and Engineering*, 2018, Article ID 4730192, 7 pages, 2018, ISSN: 1687-8434, DOI: 10.1155/2018/4730192, WOS:000426193300001, IF=1.271.
25. Deposition temperature influence on the wear behaviour of carbon-based, Chemical and Mechanical Characterization of AISI 304 and AISI 1010 Laser Welding, *Materials and Manufacturing Processes*, 2016, Volume: 31, Issue: 3, Pages: 311-318, ISSN: 1042-6914, DOI: 10.1080/10426914.2015.1025970, WOS:000365670400008, IF=3.046, (JCR Q2 in Materials Science, Multidisciplinary).
26. Stanciu, E.M., Pascu, A., Țierean, M.H., Voiculescu, I., Roata, I.C., Croitoru, C., Hulka, I., Dual Coating Laser Cladding of NiCrBSi and Inconel 718, *Materials and Manufacturing Processes*, 2016, Volume: 31, Issue: 12, Pages: 1556-1564, ISSN: 1042-6914, DOI: 10.1080/10426914.2015.1103866, WOS:000381388400003, IF=3.046, (JCR Q2 in Materials Science, Multidisciplinary).
27. Croitoru, C., Patachia, S., Papancea, A., Baltas, L., Țierean, M., Glass fibres reinforced polyester composites degradation monitoring by surface analysis, *Applied Surface Science*, 2015, Volume: 358, Pages: 518-524, Part: B, ISSN: 0169-4332, DOI: 10.1016/j.apsusc.2015.06.070, WOS:000366220500003, IF=6.182, (JCR Q1 in Materials Science, Coatings & Films).
28. Andrei, O.C., Daguci, C., Scrieci, M., Țierean, M.H., Burlibasa, M., Tanasescu, L.A., Advantages of using acrylic and metal-composite crowns in mandibular single implant restorations – FEA study, *Revista de Materiale Plastice*, 2015, Volume: 52, Issue: 4, Pages: 480-483, ISSN: 0025-5289, WOS:000368971900012, IF=1.517.
29. Țierean, M., Baltas, L., Luca, M., Banea, A., Measurements of dynamic Young modulus of AlSi10Mg alloy cast in vibrating field, *Journal of Optoelectronics and Advanced Materials*, 2015, Volume: 17, Issue: 11-12, Pages: 1868-1873, ISSN: 1454-4164, WOS:000368046700038, IF=0.631 in 2018.
30. Costiuc, L., Țierean, M., Baltas, L., Patachia, S., Experimental Investigation on the Heat of Combustion for Solid Plastic Waste Mixtures, *Environmental Engineering and Management Journal*, 2015, Volume: 14, Issue: 6, Pages: 1295-1302, ISSN: 1582-9596, DOI: 10.30638/eemj.2015.140, WOS:000360500200007, IF=1.186.
31. Patachia, F.S.C., Catana Damian, L.N., Țierean, M., Baltas, L., Microbial Safety of Plastic Materials Obtained from Wastes, *Environmental Engineering and Management Journal*, 2015, Volume: 14, Issue: 6, Pages: 1303-1312, ISSN: 1582-9596, DOI: 10.30638/eemj.2015.141, WOS:000360500200008, IF=1.186.
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##### **Partner team leader:**

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**Member:**

4. Leonardo da Vinci - „Training and certification of assessors in environment quality field”, RO/2005/95093/EX, with Rainer Kiel Kanalsanierung, Germany.
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