

PERSONAL INFORMATION

MOHORA Cristina



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Sex F | Nationality Română

WORK EXPERIENCE

01.10.2003 - prezent

Profesor universitar la Universitatea Națională de Știință și Tehnologie POLITEHNICA București, Facultatea Inginerie Industrială și Robotică, departamentul Roboți și Sisteme de Producție (cu parcurgerea din anul 1991 a tuturor gradelor didactice anterioare: asistent suplinitor, asistent, șef de lucrări, conferențiar).

Conducător de doctorat în domeniul Inginerie Industrială.

Responsabil cu relațiile internaționale în cadrul "CNCST - Centrului Național de Cercetare a Performanțelor Sistemelor Tehnologice" din Universitatea POLITEHNICA București.

Expert evaluator ARACIS Comisia 11, Științe ingineresti II.

Expert evaluator din anul 1999 în cadrul mai multor programe de cercetare și educație din țară și străinătate la Comisia Europeană; Agenția Națională pentru Programe Comunitare în Domeniul Educației și Formării Profesionale; Centrul Național de Management al Programelor – București, Comisia Română –U.S.Fulbright din București, Consiliul Național al Cercetării Științifice din Învățământul Superior: Erasmus+ (începând cu 2016 până în prezent), (MSCA 2021-2024), "Youth in Action 2007-2013" (2007-2009, 2011-2013), Leonardo da Vinci, Socrates Comenius, Grundtvig (2007-2012), Hungary-Romania Cross-border Co-operation Programme 2007-2013 (2009), FP7-2010-NMP-ICT-FoF, Information and Communication Technologies Nanosciences, Nanotechnologies, Materials and new Production Technologies, Cross-Thematic Call "Factories of the Future" (2009), Sixth and Seven Framework Programme FP7-NMP-2008-SMALL-2, "Supply chain integration and real-time decision making in non-hierarchical manufacturing networks" (2008), FP6-SME(2003, 2004, 2005), 4th Programme for National Research Plan (2007), Fulbright (1999-2003).

Cursuri universitare predate: Modelarea și simularea sistemelor tehnologice; Dinamica mașinilor și proceselor, Optimizarea sistemelor de fabricație poligrafice: Echipamente pentru tehnologii asistive. Asigurarea mobilității și recuperare integrate. Europa, cultură și civilizație (2015-2017).

EDUCATION AND TRAINING

2008	Stagiu de formare profesională DELMIA Quest – la Dassault Systems, Saint Cloud Franta. Atestat 11920188192/01.02.2008.
2007	Stagiu de formare profesională DELMIA V5 Introduction Course (NC Machine Tool Builder, Simulation, Human Solutions, DELMIA Assembly, Robotic Simulation) Cybernetics SA, Bucuresti, Romania.
2006	Profesor invitat la Universite 13 de Paris- IUT, Franța. Predarea cursurilor "Simularea sistemelor de producție" și "Sisteme Flexibile de Fabricație".
Din 2002 1999, 2001	Referent științific în comisii de doctorat. Profesor invitat în cadrul programului Socrates Erasmus.
2001	ENSAIS Strasbourg, ENSAM – Aix en Provence, Universite Bordeaux 1 – Franța. Specialist în analiza și diagnosticarea vibrațiilor în cercetare experimentală. Bruel and Kjaer – Viena, Austria.

1999 Bursă TEMPRA la INSA Lyon – Franța.
1996 DOCTOR Inginer. “ Cercetări teoretice și experimentale privind optimizarea sistemului batiu - elemente de rezemare - fundație la mașinile-unelte”
Universitatea POLITEHNICA din București
1984 Inginer, Institutul Politehnic din București

PERSONAL SKILLS

Mother tongue(s)

Română

Other language(s)

ENGLEZA

FRANCEZA

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2
C2	C1	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Lucrul în echipă, capacitatea de adaptare la medii multiculturale, abilități de comunicare și organizare privind activitățile de cercetare și învățământ; membru în comitete științifice internaționale. În 2002 asociat editor onorific al jurnalului de Științe Aplicate din Pakistan și membru în cadrul organizației FEDORA (Forum Européen De l’Orientation Académique).

Organisational / managerial skills

Coordonator master: Echipamente pentru Terapii de Recuperare (2011-prezent), Conception Intégrée des Systèmes Technologiques (2010-2017).
Experiență în managementul de proiect și al echipei; spirit organizatoric (13 Mai 2000 – “Managementul de Proiect” – Reuniune organizată în colaborare cu Fundatia Friedrich Neumann și World Universities Services; 2. Servicii de orientare profesională pentru studenți și absolvenți, Acum și în viitor, în țările Europei de Est , 15-17 aprilie 1999, Universitatea POLITEHNICA din București colaborare cu APC; 3. Conferința “ Strategii în adaptarea tehnologică a proceselor industriale, Asociația Română de Parteneriat Economic, Nov.1999, în colaborare cu ARPE).
Am condus 8 proiecte internaționale, contracte de cercetare finanțate de CNCSIS, AMCSIT, CNMP, am participat la peste 30 contracte ca membru în echipă, toate fiind câștigate prin concurs, 2000 – Director de proiect în cadrul programului național RELANSIN, 2006-2008 director de proiect în cadrul Programului Cercetare de Excelență. Responsabil proiect POSDRU/86/1.2/S/6354 -TEORO-Terapia Ocupațională și ingineria aplicată în echipamente pentru reabilitare și tehnologie asistivă - specializări universitare europene, nou introduse în România, pentru o societate bazată pe cunoaștere și egalitate de șanse; coordonator: Universitatea „Vasile Alecsandri” din Bacău; perioada (2010 – 2013).

Job-related skills

Educație. Procese și sisteme de producție. Dinamica și vibrațiile sistemelor de producție. Echipamente pentru terapii de reabilitare. Dezvoltarea durabilă a produselor.

Computer skills

Other skills

Microsoft Office™, Witness, DELMIA Quest, software specializat Vibroexpert CM400. Înțelegere intuitivă a celorlalți;

ADDITIONAL INFORMATION

Publications

Am elaborat și dezvoltat 7 discipline noi în cadrul planurilor de învățământ.
Peste 150 de lucrări științifice publicate în Franța, Italia, Israel, Maroc, Pakistan, România, Marea Britanie, Bulgaria, Croația, Rusia, 14 cărți, 35 articole în Proceedings ISI și 6 reviste ISI, peste 35 BDI, 75 în reviste și conferințe naționale/internationale neindexate.

PROIECTE INTERNAȚIONALE

- 1) CEPUS SK-030-03-0708 "From preparation to development, implementation and utilisation of joint programs in study area of production engineering - contribution to higher flexibility and mobility of students in Central European region" 2025-2027, Responsabil UPB.
- 2) CEPUS SK-030-03-0708 "From preparation to Development, implementation and utilisation of Joint Programs in study area of Production Engineering – contribution to higher flexibility and mobility of students in Central European region" 2007-2010, cu prelungire 2011-2015, Responsabil UPB.
- 3) Proiectul pilot Leonardo da Vinci -An internet-based education/training platform in the field of supply chain management, for students, teachers and industrial employees (<http://www.e-scm.org>), 2004-2007, Responsabil UPB.
- 4) Proiectul Socrates rețele tematice 109881 - CP -1-2003 -1- ES- ERASMUS- TNPP "THENEXOM – European thematic network for the excellence in operations and supply chain management education, research and practice" (<http://www.thenexom.net>) – 2003-2005, Responsabil UPB.
- 5) Proiectul Socrates – MINERVA: CP 71206 – 2000 – 2- MINERVA – ODL: "FAVIR- ODL International virtual network for Future enterprises"/2000. (ANII 2000, 2001,20002)- – proiect câștigat prin competiție internațională, Director de proiect.
- 6) Proiectul SOCRATES – GRUNDTVIG intitulat : E-LAN GRUNDTVIG 2 01-49- B-BE- 2001, Director de proiect.
- 7) Proiectul SOCRATES – ODL : CP 71206-1999-1-RO – "Reseau international d'enseignement a la distance pour les entreprises du future" 1999-2000, Director de proiect.
- 8) Proiectul Leonardo da Vinci "Formation des formateurs dans l'implementation des nouveaux technologies" în cadrul programului Leonardo da Vinci, 1998, Director de proiect.

ARTICOLE REPREZENTATIVE (selecție)

- 1) Liviu Berculescu, Emilia Bălan, Cristina Mohora, Mariana Tudor, *Efficiency analysis of implementing hybrid printing technologies*, 9th International Conference on Manufacturing Science and Education – MSE 2019 "Trends in New Industrial Revolution" Sibiu, Romania, June 5-7, 2019, MATEC Web of Conferences, Volume 290, 21 August 2019, DOI:<https://doi.org/10.1051/mateconf/201929002001>.
- 2) Cazac, V., Cirja J., Balan E., Mohora C., *The study of the screen printing quality depending on the surface to be printed*, MATEC Web of Conferences 178, 03015, ImanE&E 2018, pag.1.6, ISSN: 2261236X <https://doi.org/10.1051/mateconf/201817803015>, Scopus.
- 3) Pena, AE, Anania, FD, Mohora, C., *Methodology for optimizing cutting parameters on milling process*, Modtech International Conference, Modern technologies I industrial engineering VI (MODTECH 2018), Book Series:IOP Conference Series-Materials Science and Engineering,Volume:400, Article Number:022044, DOI:10.1088/1757-899X/400/2/022044, 2018.
- 4) Balan, E., Popa, D., Ananaia, FD, Mohora.C., *Specific Constraints of the Production Workflow in a Printing Company*, Innoveation management and education excellence through vision 2020, vol. I-XI, Edited by: Soliman, KS, Pages:5965-5974, 2018, WOS:000444067203019, ISBN:978-0-9998551-0-2.
- 5) V. Bendic, C. Mohora, D. Tilină, E. Turcu, A.M. Nita, *Multifunctional Econometrics models of turnover dynamics of using primary factors of the economic process*, Proceedings of the 28th International Business Information Management Association Conference, 2016 November, Sevilla, Spain, IBIMA, Vision 2020; Innovation Management, Development Sustainability, and Competitive Economic Growth, Article ISI Web of Science, Proceedings paper, pag 3395-3414, 2016, ISBN: 978-0-9860419-8-3, WOS:000392785700343, ISBN:978-0-9860419-8-3.
- 6) Turcu,E., Bendic, V., Mohora, C., Tilina, D., Nita, AM, *Improvement of Maintenance Process by Practical Approach of Total Productive Maintenance (TPM) in the View of Quality Management*, Proceedings of the 28th International Business Information Management Association Conference, 2016 November, Sevilla, Spain, IBIMA, Vision 2020; Innovation Management, Development Sustainability, and Competitive Economic Growth, Article ISI Web of Science, Proceedings paper, pag 4187-4199, 2016, ISBN: 978-0-9860419-8-3, WOS:000392785700419, ISBN:978-0-9860419-8-3
- 7) Tilina, D. I.; Zapciu, M., Mohora, C., *A system model to integrate the "Green Manufacturing" concept in Romanian manufacturing organisation-* Conference: 3rd International Conference on Modern Technologies in Industrial Engineering (ModTech), Romania, Date: JUN 17-20, 2015 , Modern technologies in industrial engineering (MODTECH 2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, Article ISI Web of Science, Proceedings paper, Number: 012128 , WOS 00036512890128, ISSN: 1757-8981.
- 8) Raveica, I. C., Mohora, C., Raveica, G., Pena A., *Using AutoCAD Application as Instrument for Biomechanical Assessment of Orthopaedic Impairments* , Conference: International Conference on Smart Systems in all Fields of the Life-Aerospace, Robot, Mech. Eng., Mfg Syst, Biomechatron, Neurorehabilitat and Human Motricities Location: Int Assoc Comp Sci & Inform

Technol Singapore, Bucharest, Romania, 2013, Book Series: Applied Mechanics and Materials, Article ISI Web of Science, Proceedings paper, Volume: 436 Pages: 277-284, 2013, WOS:000332261000038.

9) Mohora, C., Militaru, Gh., *Improving the effectiveness of University – industry collaboration an exploratory studies*, Conference: 7th International Conference on Business Excellence Location: Brasov, Romania, 2012, Business excellence challenges during the economic crisis, Article ISI Web of Science, Proceedings paper, VOL 2, Pages: 10-16, WOS:000317437100003.

10) Raveica, G., Mohora, C., Raveica, I.C., Ghe. Militaru, *The role of client – centred therapy principles in developing praxiologic competencies of students in rehabilitation engineering*, Conference: International Conference on Engineering and Business Education, Innovation and Entrepreneurship Location: Sibiu, Romania, 18-21, 2012, 6th Balkan region conference on engineering and business education & 5th Balkan region conference on engineering and business education & 4th Balkan region conference on engineering and business education, Book Series: Conference Proceedings Balkan Region Conference on Engineering Education & MSE, Article ISI Web of Science, Proceedings paper, Pages: 153-156, 2012, WOS:000335704200031.

11) Cristina, M., Gabriela. R., Dorel, A., *Finite Element Analysis for Deep Drawing Process and Part Shape Optimization*, Proceedings International Conference on manufacturing science and education (MSE 2011), vol.2, Book Series: Proceedings of the Manufacturing Science and Education, Pages: 243-246, 2011, WOS:000393733900058, ISSN: 1843-2522.

12) Mohora C., G. Raveica, Anania D., *ECHITERA Equipment for rehabilitation therapies – new competencies required to European labor market*, Proceedings of 5th Conference in Manufacturing, Science and Education, Sibiu Romania, Mai 2011, ISSN 1843-2522, pag. 243-247, WOS:000393733900058, ISSN:1843-2522.

13) Mohora, C., *Research of Excellence in the National Centre Optimum from "POLITEHNICA" University of Bucharest*, Conference: 3rd WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology/International Conference on Geography and Geology Location: Corfu Island, GREECE, Date: JUL 22-24, 2010, LATEST TRENDS ON ENGINEERING MECHANICS, STRUCTURES, ENGINEERING GEOLOGY Book Series: Mathematics and Computers in Science and Engineering, Article ISI Web of Science, Proceedings paper, Pages: 122-132, 2010, WOS:000288686900002.

14) Anania, F. D., Mohora, C., Bisu, C., *CAD-CAM surfaces correction in the manufacturing process*, Conference: 3rd WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology/International Conference on Geography and Geology Location: Corfu Island, Greece, Date: JUL 22-24, 2010, Latest trends on engineering mechanics, structures, engineering geology, Book Series: Mathematics and Computers in Science and Engineering, Article ISI Web of Science, Proceedings paper, Pages: 126-129, 2010, WOS:000288686900023.

15) Anania, F., D., Mohora, C., Zapciu M., *Research Concerning the dynamical behaviour for a linear motor assembly using FEA*, Proceedings of the Fifth International conference on optimization of the robots and manipulators, pag.95-99, DOI: 10.3850/978-981-08-5840-7_S3-1, 2010, Article ISI Web of Science, Proceedings paper, WOS:000392682500017, ISBN:978-981-08-5840-7.

16) Șerban, V., Mohora, C., Iliescu, M., Stănila S., *Equipment's dynamic behavior analysis with SERB-SITON devices*, Conference: 1st International Conference on Manufacturing Engineering, Quality and Production Systems Location: Transilvania Univ. Brasov, Brasov, Romania, sep. 24-26, 2009, Advances in manufacturing engineering, quality and production systems, vol.I, Book Series: Mathematics and Computers in Science and Engineering, Article ISI Web of Science, Proceedings paper, Pages: 260-263 WOS:000275966900042.

17) Mohora, C., Anania, D. F., Călin, O. A., *Simulation strategies using Delmia Quest*, 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, Article ISI Web of Science, Proceedings paper, Pages: 335-336, 2009, WOS:000282335600168.

18) Șerban, V., Mohora, C., Androne, M., Stănila S., *Seismic tension monitoring and control systems*, 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, Article ISI Web of Science, Proceedings paper, Book Series: Annals of DAAAM and Proceedings Volume: 20, Pages: 399-400 WOS:000282335600200.

19) Mohora, C., Călin, O. A., Anania, Dorel, *Improving high education process using knowledge management concepts*, Conference: 6th International Conference on the Management of Technological Changes Location: Alexandroupolis, Greece, Date: SEP 03-05, 2009, Article ISI Web of Science, Proceedings paper, Management of technological changes, VOL 2, Pages: 299-302, WOS:000273226200075.

20) Anania, F., D., Zapciu, M., Mohora, C., *Modeling of the PC MILL100 Machine tool and milling process using DELMIA V5R17*, Conference: 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing Location: Trnava, Slovakia, Date: Oct. 22-25, 2008, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium, Book Series: Annals of DAAAM and Proceedings Pages: 19-20, Article ISI Web of Science, Proceedings paper, WOS:000262860100009.

21) Ispas, C., Mohora, C., Tilina, D., Paraschiv M., *Researches and solutions for optimising technical problem with TRIZ Theory*, Conference: 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing

Location: Trnava, Slovakia, Date: OCT 22-25, 2008, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium, Book Series: Annals of DAAAM and Proceedings Pages: 647-648, Article ISI Web of Science, Proceedings paper, WOS:000264044900033. ISBN:978-3-901509-68-1, ISSN: 1726-9679.

22) Petre, M., Ispas, C., Mohora, C., Lungu B., *The investment risk assessment for a new product launch*, Conference: 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing Location: Trnava, SLOVAKIA, Date: OCT 22-25, 2008, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium, M Book Series: Annals of DAAAM and Proceedings Pages: 1065-1066, Article ISI Web of Science, Proceedings paper, WOS:000262860100532. ISBN: 978-3-901509-68-1, ISSN: 1726-9679.

23) Anania, F. D., Mohora, C., *Research Concerning Fea for a Machine Structure Assembly*, Conference: 1st WSEAS International Conference on Visualization, Imaging and Simulation (VIS'08) Location: Bucharest, Romania, Date: NOV 07-09, 2008, Proceedings of the 1st wseas International Conference on visualization, imagining and simulation, (VIS'08): Recent advances in visualization, imaging and simulation, Book Series: Mathematics and Computers in Science and Engineering, Pages: 191-194, Published: 2008, Article ISI Web of Science, Proceedings paper, WOS:000264044900033, ISBN:978-960-474-022-2, ISSN: 1792-4308.

24) Mohora, C.; Ivan, I. C.; Paraschiv, M. D., *New perspectives for a quality learning-teaching process*, Conference: 5th International Seminar on Quality Management in Higher Education Location: Tulcea, Romania, Date: JUN 12-14, 2008, Quality management in higher education, proceedings, Article ISI Web of Science, Proceedings paper, Pages: 253-264 Published: WOS:000260248300043. ISBN:978-973-730-496-4.

25) Ispas, C., Mohora, C., Anania, D., *A study through the virtual environmental benefits in universities of Romania*, Conference: 4th Balkan Region Conference on Engineering Education and MSE Location: Sibiu, Romania, Date: JUL 12-14, 2007, 4TH Balkan region conference on engineering education & MSE, Conference proceedings: Bridging cultures and technologies in the 21st century, Article ISI Web of Science, Proceedings paper, Pages: 70-73, WOS:000252197800014.

26) Anania, F. D., Ispas, C., Mohora, C., *An algorithm for cad correction of the work pieces based on machine tool errors*, Conference: 18th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing Location: Zadar, Croatia, ADate: OCT 24-27, 2007, Annals of DAAAM for 2007 & Proceedings of the 18th International DAAAM Symposium Intelligent manufacturing & Automation : focus on creativity, responsibility, and ethics of engineers, Article ISI Web of Science, Proceedings paper, Pages: 15-16 WOS:000252067400008. ISBN:978-3-90150-958-2.

27) Punctaj=25/3=8,33

28) Serban, V; Mohora, C., *New devices to control, limit and damp the schoks and vibrations*, Conference: 18th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing Location: Zadar, Croatia, 2007, Annals of DAAAM for 2007 & Proceedings of the 18th International DAAAM Symposium Intelligent manufacturing & Automation : focus on creativity, responsibility, and ethics of engineers, Article ISI Web of Science, Proceedings paper, Pages: 683-684, WOS:000252067400342, ISBN:978-3-90150-958-2. Punctaj=25/2=12,5

29) Ispas, C.; Mohora, C., Ciobanu, T., Anania D., *Advanced engineering knowledge transfer in the virtual environment*, Conference: 3rd Balkan Region Conference on Engineering Education Location: Sibiu, ROMANIA, Date: SEP 12-15, 2005, 3rd Balkan Region Conference on Engineering Education, Conference Proceedings: Advancing engineering education, Article ISI Web of Science, Proceedings paper, Pages: 144-148, WOS:000242322000033. ISBN:973-739-147-0.

30) Ispas, C.; Mohora, C., Cioroianu, D. Tilina D., *Considerations regarding the simulation of creativity in forming specialists*, Conference: 3rd Balkan Region Conference on Engineering Education Location: Sibiu, ROMANIA, Date: SEP 12-15, 2005, 3rd Balkan Region Conference on Engineering Education, Conference Proceedings: Advancing engineering education, Article ISI Web of Science, Proceedings paper, Pages: 149-153, WOS:000242322000034. ISBN:973-739-147-0, 2016.

31) I. Petrescu, Ionela Petrescu, D. Tilina, C. Mohora, V. Bendic, *Morphology and Structure of the Polypad((R)) Sandwich Composite Material Used in a Machine Element*, Revista de Materiale Plastice, Journal article, Factor de impact 0,903, ISI Web of Science, vol.53. nr.3/2016, pag. 527-529. Published: 2016, WOS: 000384870300040, ISSN: 0025-5289, <http://www.revmaterialeplastice.ro/pdf/PETRESCU%20IRINA%203%2016.pdf>.

32) Tilina, D. I.; Mohora, C., Zapciu, M., V. Bendic, A. Daescu, V. Daescu, *Consideration regarding the transition to sustainable manufacturing in the Romanian SMEs*, Journal of Environmental Protection and Ecology- JEPE, Volume: 17, Issue: 1 Pages: 248-256, ISI Web of Science, Journal article, Factor de impact 0,734, 2016, WOS:000375503300028, ISSN 1311-5065, <https://docs.google.com/a/jepe-journal.info/viewer?a=v&pid=sites&srcid=amVwZS1qb3VybmFsLmluZm98amVwZS1qb3VybmFsGd4OjFINDliYzY1NzY5YTI2NDc>.

33) D. Tilina, C. Mohora, M. Zapciu, A. Daescu, *Tool to measure and evaluate the environmental impact of production activity in the Romanian manufacturing SMEs*, "Protection of Natural Resources and Environmental Management: The main Tools for Sustainability" Journal of Environmental Protection and Ecology- JEPE, Volume: 17, Issue: 4 Pages: 1393-1400, ISI Web of Science, Journal article, 2016, Factor de impact 0,734, WOS:000393355100015, ISSN: 1311-5065, <https://docs.google.com/a/jepe-journal.info/viewer?a=v&pid=sites&srcid=amVwZS1qb3VybmFsLmluZm98amVwZS1qb3VybmFsGd4OjU3NDc0MmlyOTQ2ODk1ZWZM>

- 34) I. Petrescu, C. Mohora, F.D. Anania, A.E. Pena, C. Bisu, *Evaluation of vibration damping in composite sandwich*, Revista de Materiale Plastice, nr. 122/7.07.2016, Journal article, Factor de impact 0.903, ISSN 0025 / 5289, Vol. 53, no. 4/ 2016, pag. 639-642, Published: 2016, WOS: 000384870300040, ISSN: 0025-5289 <http://www.revmaterialeplastice.ro/pdf/PETRESCU%20I%20A%202016.pdf>
- 35) Pena, AE, Anania, FD, Mohora, C. *Method for optimum calculus of machining parameters according to tool trajectories type based on milling process simulation*, Tehnički vjesnik / Technical Gazette, Vol. 24/No. 2, Tehnički vjesnik / Technical Gazette Print: ISSN 1330-3651, Online: ISSN 1848-6339, Journal article, The Journal indexed in Web of Science (Science Citation Index Expanded), Journal Citation Reports Factor de impact 0,579, Pages: 385-389, DOI:10.17559/TV-20150828143457, 2017, WOS:000399563100008, ISSN: 1330-3651. <https://hrcak.srce.hr/179846>
- 36) D. Drobota, G. Drobota, T. Dobrescu, C. Mohora, *The Redesigning of Tires and the Recycling Process to Maintain an Efficient Circular Economy*, Sustainability, vol 11, Journal article, The Journal indexed in Web of Science (Science Citation Index Expanded), 2019, Journal Citation Reports DOI: 10.3390/su11195204, WOS:000493525500063, factor de impact 2,801. <https://www.mdpi.com/2071-1050/11/19/5204/pdf>
- 34) Neamțu, G.V., Mohora, C., Anania, D.F., Dobrotă, D.: *Research Regarding the Increase of Durability of Flexible Die Made from 50CrMo4 Used in the Typographic Industry*. METALS 2021, Factor de impact : 2.695, vol. 11, 996 (2021), EISSN 2075-4701, <https://doi.org/10.3390/met11060996>, WOS:000666426700001, <https://www.mdpi.com/2075-4701/11/6/996/pdf>.
- 37)

Cărți publicate (selecție)

- 1) Ispas, C., Mohora, C., Pupăză, C., Zapciu, M., Popoviciu, G., Rusu-Casandra, A., *Mașini-unelte. Elemente de structură*, Editura Tehnică, COD CNCSIS 166, ISBN 973-31-1029-0, 251 pag. București, 1997,
- 2) Gh. Brabie, C. Mohora, B. Chirita – *Mașini-Unelte. Caracteristici de calitate*. Editura Academiei Române ISBN 973-27-0928-6 și Editura AGIR COD CNCSIS 140, ISBN 973-8130-35-2, 2002, 304 pag.
- 3)) C. Mohora, D. Cioroianu, D. Tilină – *Integrarea metodologică în concepția produselor*, Editura AGIR, COD CNCSIS 140, ISBN 978-973-720-171-3, București, 2007, 176 pag.
- 4) C.Ispas, M. Zapciu, C. Mohora, F. D. Anania, C. F. Bisu, *Mașini-unelte concepție integrată*, Editura AGIR, COD CNCSIS 140, 2007, ISBN: 978-973-720-173-7, 282 pag., COD CNSIS 140.
- 5) C. Ispas, F. Bausic, M. Zapciu, I. Parausanu, C. Mohora - *Dinamica mașinilor și utilajelor*, Editura AGIR, COD CNCSIS 140, ISBN 978-720-147-8, București, 2007, 266 pag.
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