

**Lista de lucrări în domeniul de studii universitare de licență**

Numele și prenumele: **ACHITEI C. DRAGOȘ - CRISTIAN**

**A. Teza de doctorat** : „Studiul influenței oboselii termice/mecanice asupra proprietăților de memorie a formei la unele aliaje metalice cu baza cupru” – diploma de doctor seria H, nr. 0005461, susținută public pe 11.09.2010.

**B. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.**

1. Tratamente Termice Criogenice, Autori : Vasile Bulancea, Diana Antonia Gheorghiu, Dragos Achitei, Manuela Perju, Bogdan Lucian Gavrila, Editura Tehnopress, Iasi, 2011, ISBN 978-973-702-899-0.
2. Tehnologii de tratare a suprafețelor metalice. Straturi subtiri obtinute prin depunere – îndrumar de laborator, Dan Gelu Galusca, Carmen Nejneru, Manuela Cristina Perju, Dragos Cristian Achitei, editura Tehnopress, Iasi, 2012, ISBN 978-973-702-910-2.
3. Tratamente termice – îndrumar de laborator, autori : D.G. Gălușcă, C. Nejneru, M.C. Perju, E. Chirilă, D.C. Achitei, M. Axinte, editura Tehnopress, Iași, 2011, ISBN 978-973-702-861-7.

**C. Lucrări științifice publicate în reviste cotate ISI sau indexate în baze de date internaționale.**

1. Achitei, Dragos Cristian; Minciuna, Mirabela Georgiana; Sandu, Andrei Victor; et al., Behavior of Al-Mg Alloy Subjected To Thermal Processing, ADVANCED MATERIALS ENGINEERING AND TECHNOLOGY V Book Series: AIP Conference Proceedings Volume: 1835 Article Number: UNSP 020051 Published: 2017.
2. Minciună, M.G., Vizureanu, P., Achitei, D.C., Sandu, A.V., Berbecaru, A., Sandu, I.G., Structural characterization and properties analysis of CoCrMoSi alloys, (2016) Journal of Optoelectronics and Advanced Materials, 18 (1-2), pp. 174-178.
3. Minciună, M.G., Vizureanu, P., Achitei, D.C., Cimpoșu, R., Corrosion behavior in saline medium for a Cu-Zn casting alloy, (2015) Key Engineering Materials, 660, pp. 68-74.
4. Achitei, D.C., Sandu, A.V., Al Bakri Abdullah, M.M., Vizureanu, P., Kamarudin, H., Study on quenching and artificial ageing on Al-Si alloy, (2015) Materials Science Forum, 803, pp. 209-215.
5. Minciuna, M.G., Vizureanu, P., Geanta, V., Voiculescu, I., Sandu, A.V., Achitei, D.C., Vitalariu, A.M., Effect of Si on the microstructure and mechanical properties of biomedical CoCrMo alloy, (2015) Revista de Chimie, 66 (6), pp. 891-894.
6. Achitei, D.C., Vizureanu, P., Minciuna, M.G., Sandu, A.V., Buzaianu, A., Dana, D.I., Obtaining of new flux coated electrodes used for welding-brazing operations, (2015) Materiale Plastice, 52 (2), pp. 165-167.
7. Achitei, D.C., Al Bakri Abdullah, M.M., Sandu, A.V., Vizureanu, P., Abdullah, A., On the fatigue of shape memory alloys, (2014) Key Engineering Materials, 594-595, pp. 133-139. Cited 1 time.
8. Achitei, D.C., Sandu, A.V., Al Bakri Abdullah, M.M., Vizureanu, P., Abdullah, A., On the structure of shape memory alloys, (2014) Key Engineering Materials, 594-595, pp. 140-145. Cited 3 times.

9. Minciuna, M.G., Yizureanu, P., Achitei, D.C., Ghiban, B., Sandu, A.V., Mareci, D., Balan, A., Electrochemical behaviour of CoCrMo and CoCrMoSi5 alloys at different simulated physiological medium, (2014) *Revista de Chimie*, 65 (10), pp. 1138-1141.
10. Achitei, D.C., Vizureanu, P., Minea, A.A., Al Bakri Abdullah, M.M., Minciună, M.G., Sandu, A.V., Improvement of properties of aluminum bronze CuAl7Mn3 by heat treatments, (2014) *Applied Mechanics and Materials*, 657, pp. 412-416. Cited 1 time.
11. Tugui, C.A., Vizureanu, P., Nejneru, C., Perju, M.-C., Achitei, D.-C., Axinte, M., Study of various thin films obtained by several deposition methods, (2014) *Advanced Materials Research*, 1036, pp. 201-206.
12. Minciuna, M.G., Vizureanu, P., Achitei, D.C., Ghiban, N., Sandu, A.V., Forna, N.C., Structural characterization of some CoCrMo alloys with medical applications, (2014) *Revista de Chimie*, 65 (3), pp. 335-338.
13. Obtaining and thermomechanical fatigue behaviour of the Cu75.9Zn16.8Al7.11 alloy - Dragoş Cristian Achitei, Petrica Vizureanu, Dragoş Dana, Nicanor Cimpoesu - *Metalurgia International*, special issue, vol. XIX, no. 2 (2013), pp. 104-109, ISSN 1582-2214.
14. Thermo-elastic response of a NiTi SMA at compression solicitation - Cimpoesu, I.; Stanciu, S.; Goanta, V.; Achitei D.C., s.a. - *Optoelectronics And Advanced Materials - Rapid Communications* Volume: 6 Issue: 5-6 Pages: 627-630 Published: May-Jun 2012.
15. Sub-zero treatments on case HSS steels. Strength property estimate - Vasile Bulancea, Diana Antonia Gheorghiu, Dragoş Achitei - *Metalurgia International*, vol. XVI, no. 6 (2011), pp. 47-52, ISSN 1582-2214
16. The research regard the mechanical treatment through rotorolling of the cylindrical surfaces without steps - Sava Ovidiu, Octavian Lupescu, Cristi Ulianov, Sava Adrian, Dragoş Achitei - *International jornal of modern manufacturing technologies*, ISSN 2067-3604, vol. III, no. 1, 2011, pp. 87-92
17. Behavior simulation of a copper based shape memory alloy under an external solicitation - N. Cimpoesu, M. Axinte, R. Cimpoesu Hanu, C. Nejneru, D. C. Achitei, S. Stanciu - *Journal of optoelectronics and advanced materials*, Vol. 12, No. 8, August 2010, p. 1772 - 1776
18. Modification of mechanical characteristics of 10TiNiCr180 stainless steel tubes in the process of drawing under the action of ultrasonic vibrations - M.M.Susan, G.P.Dumitras, A.C.Dragoş Cristian, I.D.Viorel, G.C.Bogdan Lucian - *Surface engineering and applied electrochemistry*, 2010, vol. 46, no. 1, pp 57-63, ISSN 1068-3755
19. Influence of internal friction on shape memory alloys based on cooper - Nicanor Cimpoesu, Dragoş Achitei, Vasile Manole, Ioan Hopulele, Alexandru Enache - *Metalurgia International*, vol. XIV (2009), special issue no. 3, pp. 33-37, Selected papers from the International Conference Bramat 2009, ISSN 1582-2214.
20. Aspects regarding thermo-mechanical fatigue of shape memory alloys - Dragoş Achitei, Dan Gelu Găluşcă, Petrică Vizureanu, Roxana Carabet, Nicanor Cimpoesu - *Metalurgia International*, vol. XIV (2009), special issue no. 3, pp. 45-49, Selected papers from the International Conference Bramat 2009, ISSN 1582-2214.
21. Researches concerning the influence of the relative speed at tubes drawing in sonodraw system - Mihai Susan, Iulian Ioniță, Roxana Carabet, Dragoş Achitei - *Metalurgia International*, vol. XIV (2009), special issue no. 2, pp. 79-82, Selected papers from the International Conference Bramat 2009, ISSN 1582-2214.
22. Energy dissipation capacity of a shape memory alloy type CuZnAl - N.Cimpoesu, S.Stanciu, D.Achitei, V.Manole, R.Hanu Cimpoesu - *Journal of optoelectronics and advanced materials – Symposia*, vol. 1, no. 6, 2009, pp. 1149-1153, ISSN 2066-057X
23. Metallurgical aspects of heterogeneous layers on ferrite-pearlitic cast iron support by electrospark coatings - M.C.Perju, C.Nejneru, M.Ursu, R.G.Carabet, D.C.Achitei, I.Hopulele - *Journal of optoelectronics and advanced materials – Symposia*, vol. 1, no. 6, 2009, pp. 1154-1158, ISSN 2066-057X

#### **D. Lucrări științifice publicate în reviste din străinătate.**

1. Thermo-mechanical fatigue of CuZnAl shape memory alloy- Dragoș Cristian Achiței, Petrică Vizureanu, Nicanor Cimpoesu, Dragos Dana- 44th International October Conference On Mining And Metallurgy, 1-3 October 2012, Serbia, Mining And Metallurgy Institute Bor and University of Belgrade, Technical Faculty Bor, ISBN 978-86-7827-042-0, pp. 401-404.
2. Studies concerning thermal conductivity for shape memory alloy like CuAlMn- Petrică Vizureanu, Dragoș Cristian Achiței, Nicanor Cimpoesu, Dragos Dana- 44th International October Conference On Mining And Metallurgy, 1-3 October 2012, Serbia, Mining And Metallurgy Institute Bor and University of Belgrade, Technical Faculty Bor, ISBN 978-86-7827-042-0, pp. 405 - 408.
3. A new technology of the high resistance wires manufacturing by drawing in ultrasound field- Mihai Susan, Viorel Iliescu, Bogdan Lucian Gavrilă, Elena Chirilă, Dragoș Cristian Achiței, Francisc Biro- Proceedings of The 15th International Conference Modern Tehnologies, Quality and Innovation ModTech 2011, volume II, pp. 1057-1060, 25-27 may 2011, Vadul lui Vodă, Chișinău, Republica Moldova, ISSN 2069-6736.
4. Improvement of artificial ageing treatment of 7075 aluminum alloy using thermal cycles- Ștefanică Roxana Gabriela, Vizureanu Petrică, Perju Manuela Cristina, Achitei Dragoș Cristian- Proceedings of The 15th International Conference Modern Tehnologies, Quality and Innovation ModTech 2011, volume II, pp. 1049-1052, 25-27 may 2011, Vadul lui Vodă, Chișinău, Republica Moldova, ISSN 2069-6736.
5. Surface quality improvement of cast iron parts by deposition with W and WC electrodes using electric impulse discharge method- Perju Manuela Cristina, Nejneru Carmen, Lărgeanu Anca Elena, Achitei Dragoș Cristian, Ștefanică Roxana Gabriela- Proceedings of The 15th International Conference Modern Tehnologies, Quality and Innovation ModTech 2011, volume II, pp. 845-848, 25-27 may 2011, Vadul lui Vodă, Chișinău, Republica Moldova, ISSN 2069-6736.
6. Studies concerning thermal conductivity for some cooper base memory shape alloys- Achiței Dragoș Cristian, Vizureanu Petrică, Stanciu Sergiu, Ștefanică Roxana Gabriela, Cimpoesu Nicanor- Proceedings of The 14th International Conference Modern Tehnologies, Quality and Innovation ModTech 2010, volume II, pp. 15-18, 20-22 may 2010, Slănic Moldova, Romania, ISSN 2066-3919.
7. Superficial hardening of cast iron with electrodes of Ti and W carbide by vibrating electrode deposition- Manuela Cristina Perju, Petrică Vizureanu, Roxana Gabriela Ștefanică, Dragoș Cristian Achiței- 41th International october conference on mining and metallurgy, 4-6 october 2009, Serbia, Mining and metallurgy institute Bor and University of Belgrade, Technical Faculty Bor, ISBN 978-86-7827-033-8, pp. 595-600.
8. Sustainable development and disperse precipitation technologies, on nanometric level, using alternant cycles- Carabet R.G., Vizureanu P., Perju M.C. et al.- 6th International Conference on the Management of Technological Changes, SEP 03-05, 2009 Alexandroupolis GREECE, MANAGEMENT OF TECHNOLOGICAL CHANGES, VOL 2 Pages: 33-35 Published: 2009.
9. Management and improvement of surfaces properties through deposition at nanometric level using impulse electric discharges - Perju, MC; Vizureanu, P; Carabet, RG, et al.- 6th International Conference on the Management of Technological Changes, Date: SEP 03-05, 2009 Alexandroupolis GREECE, MANAGEMENT OF TECHNOLOGICAL CHANGES, VOL 2 Pages: 701-704 Published: 2009.
10. Investigation of the effects of plasma cutting parameters on the roughness variation of some mild steel plates- Sanda Maria Ilii, Dragoș Achitei, Adriana Munteanu- Proceedings of The 13th International Conference Modern Tehnologies, Quality and Innovation ModTech 2009, pp. 315 – 318, 21-23 may 2009, Iași, ISSN 2066 – 3919.

11. The microhardness variation of the welding bead in case of the electrode beam welding- Adriana Munteanu, Dragoş Achitei- Proceedings of The 13th International Conference Modern Tehnologies, Quality and Innovation ModTech 2009, pp. 447 - 450, 21-23 may 2009, Iaşi, ISSN 2066 – 3919.
12. Interdisciplinary researches of the potential limits for the solar energy in solids on the heating – melting range- Vizureanu Petrica, Cornel Samoila, Dragoş Cristian Achitei, Manuela Cristina Perju, Roxana Gabriela Stefanica, Daniel Cotfas- Proceedings of The 14th International Conference Modern Tehnologies, Quality and Innovation ModTech 2009, pp. 671-674, 20-22 may 2010, Iaşi, ISSN 2066 – 3919.
13. The industrial applications of the shape memory alloys- Dragoş Achitei, Roxana-Gabriela Carabet, Petrica Vizureanu- MITIP 2008, 10th International Conference on the modern information technology in the innovation processes of the industrial enterprises, 12-14 November 2008, Prague, Czech Republic, pp.347-351, ISBN 978-80-7043-738-4
14. Researches concerning the hardening of the grey cast iron through the vibrating electrode method using a WC electrode and in combination with TiC and Ti Electrode- Manuela Perju, Roxana-Gabriela Carabet, Dragoş Achitei- MITIP 2008, 10th International Conference on the modern information technology in the innovation processes of the industrial enterprises, 12-14 November 2008, Prague, Czech Republic, pp.376-382, ISBN 978-80-7043-738-4

#### **E. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS.**

1. Properties, testing and choice of material for bells- Ion Hopulele, Carmen Nejneru, Manuela Cristina Perju, Mihai Axinte, Dragoş Cristian Achitei- International Conference “ARCAST 2012 - Casting from rigor of technique to art” Galați 2012, pp. 12-17, ISSN 2068-3510.
2. Elements of obtaining shape memory alloy, type CuZnAl- Dragoş Cristian Achitei, Dan Gelu Galusca, Petrica Vizureanu, Manuela Cristina Perju- International Conference “ARCAST 2012 - Casting from rigor of technique to art” Galați 2012, pp. 281-284, ISSN 2068-3510.
3. Thermal stability of martensitic transformation range of a nitinol shape memory alloy after elastic compression- Iulian Cimpoesu, Sergiu Stanciu, Viorel Goanta, Dragoş Cristian Achitei, Iulian Ionita, Cristina Maria Stoica- International journal of modern manufacturing technologies, ISSN 2067-3604, vol. IV, no. 1, 2012, pp. 35-40
4. Thermomechanical fatigue behaviour of shape memory alloy Cu75.4Zn18.6Al5.85- Achitei Dragoş Cristian, Vizureanu Petrica, Galusca Dan Gelu, Axinte Mihai- Proceedings of The 16th International Conference Modern Tehnologies, Quality and Innovation ModTech 2012, volume I, pp. 1-5, 24-26 may 2012, Sinaia Romania, ISSN 2069-6736.
5. Study concerning thermal conductivity for Cu75.4Zn18.6Al5.85 alloy- Dragoş Cristian Achitei, Petrica Vizureanu, Dan Gelu Galusca, Manuela Cristina Perju, Ramona Hanu Cimpoesu- The annals of Dunarea de Jos University of Galati, fasc. IX, metallurgy and materials science, special issue – 2011, ISSN 1453-083X, pp. 21-24
6. Diffractometer study on the shape memory alloys type Cu75.4Zn18.6Al5.85- Achitei Dragoş Cristian, Vizureanu Petrica, Predescu Cristian, Berbecaru Andrei- Buletinul Institutului Politehnic din Iaşi, Tomul LVII (LXI), fasc. 2, Secția Știința și Ingineria Materialelor, pp. 7-14, 2011, ISSN 1453 – 1690.
7. Comparative study regarding the hardening of plastic deformed and heat treated aluminum- Perju Manuela Cristina, Achitei Dragoş Cristian, Stefanica Roxana Gabriela, Zaharia Luchian- Buletinul Institutului Politehnic din Iaşi, Tomul LVII (LXI), fasc. 4, Secția Știința și Ingineria Materialelor, pp. 75-82, 2011, ISSN 1453 – 1690.
8. Study for the variation of hardness and resilience characteristics after heat treatment for stainless steels- Manuela Cristina Perju, Dragoş Cristian Achitei, Carmen Nejneru, Anca Elena Largeanu, Mihai Axinte, Ion Hopulele- TEHNOMUS XVI, The 16th International Conference : New Technologies and Products in Machines Manufacturing and Technologies, Suceava, no. 18 - 2011,

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9. Study of thermomechanical fatigue for shape memory alloys type CuZnAl- Achitei Dragoș Cristian, Hopulele Ioan, Perju Manuela Cristina, Mihai Axinte- TEHNOMUS XVI, The 16th International Conference : New Technologies and Products in Machines Manufacturing and Technologies, Suceava, no. 18 - 2011, Volumul Conferinței, pp. 321-324, Editura Universității Ștefan cel Mare din Suceava, ISSN 1224-029X

10. Biomedical applications of shape memory alloys- Dragoș Cristian Achitei, Dan Gelu Galusca, Petrica Vizureanu, Roxana Gabriela Stefanica- Buletinul Institutului Politehnic din Iași, Tomul LVI (LX), fasc. 3, Secția Știința și Ingineria Materialelor, pp. 9-16, 2010, ISSN 1453 – 1690.

11. About the positioning of the ultrasonic energy reflectors at the metals drawing in ultrasound field- Bogdan Lucian Gavrilă, Mihai Susan, Elena Chirila, Dragoș Cristian Achitei, Brian Tudor Landkammer- Buletinul Institutului Politehnic din Iași, Tomul LVI (LX), fasc. 4, Secția Știința și Ingineria Materialelor, pp. 35-43, 2010, ISSN 1453 – 1690.

12.. The applications of shape memory alloys- Dragoș Cristian Achitei, Dan Gelu Gălușcă, Nicanor Cimpoesu, Manuela Cristina Perju, Roxana Gabriela Stefanica- International Scientific Conference UGALMAT 2009, Advanced Materials and Technologies, 23-23 octombrie 2009, Galați, pp. 54-58, ISSN 1843-5807.

13. Dissipation capacity of alloys from CuZnAl system- Nicanor Cimpoesu, Sergiu Stanciu, Ion Hopulele, Dragoș Cristian Achitei, Vasile Manole- International Scientific Conference UGALMAT 2009, Advanced Materials and Technologies, 23-23 octombrie 2009, Galați, pp. 25-29, ISSN 1843-5807.

14. Elements of drawing theory and technology of the high mechanical strength wires in ultrasonic field- Viorel Iliescu, Mihai Susan, Roxana Gabriela Stefanica, Dragoș Cristian Achitei, Brian Tudor Landkammer- International Scientific Conference UGALMAT 2009, Advanced Materials and Technologies, 23-23 octombrie 2009, Galați, pp. 197-202, ISSN 1843-5807.

15. Variation of mechanical characteristics for thin wall tubes processed in ultrasonic field- Mihai Susan, Dragoș Cristian Achitei, Roxana Gabriela Stefanica, Bogdan Lucian Gavrilă- International Scientific Conference UGALMAT 2009, Advanced Materials and Technologies, 23-23 octombrie 2009, Galați, pp. 203-207, ISSN 1843-5807.

16. Aspects regarding the achievement of thin aluminum layers on steel- Dragoș Achitei, Dan Gelu Galusca, Manuela Perju, Roxana Carabet- TEHNOMUS XV, The 15th International Conference : New Technologies and Products in Machines Manufacturing and Technologies, Suceava, 8-9 mai 2009, Volumul Conferinței, pp. 515-520, Editura MATRIX, ISSN 1224-029X

17. Investigation of the effects of plasma arc parameters on the structure variation of some mild steel plates- Sanda Maria Ilii, Dragoș Achitei, Adrian Iosub- TEHNOMUS XV, The 15th International Conference : New Technologies and Products in Machines Manufacturing and Technologies, Suceava, 8-9 mai 2009, Volumul Conferinței, pp. 317-322, Editura MATRIX, ISSN 1224-029X

18. The influence of relative speed at thin walls tubes drawing in sonodraw transformation - Mihai Susan, Roxana Gabriela Carabet, Viorel Constantin Iliescu, Dragoș Cristian Achitei- TEHNOMUS XV, The 15th International Conference : New Technologies and Products in Machines Manufacturing and Technologies, Suceava, 8-9 mai 2009, Volumul Conferinței, pp. 521-527, Editura MATRIX, ISSN 1224-029X

19.. Researches concerning aluminium alloys hardening by quenching and cyclic ageing and metallographic aspects at their corrosion in sea water- Roxana Gabriela Carabet, Carmen Nejnaru, Manuela Cristina Perju, Nicanor Cimpoesu, Dragoș Cristian Achitei- TEHNOMUS XV, The 15th International Conference : New Technologies and Products in Machines Manufacturing and Technologies, Suceava, 8-9 mai 2009, Volumul Conferinței, pp. 399-404, Editura MATRIX, ISSN 1224-029X

20. Elements regarding thermomechanical fatigue of shape memory alloys- Dragoș Cristian Achitei, Dan Gelu Gălușcă, Petrică Vizureanu, Roxana Ștefănică, Nicanor Cimpoesu, Sanda Crețu-

Buletinul Institutului Politehnic din Iași, Tomul LV (LIX), fasc. 4, Secția Știința și Ingineria Materialelor, pp. 1 – 6, 2009, ISSN 1453 – 1690.

21. Microstructural investigation on some nanocrystalline metallic materials obtained by severe plastic deformation (SPD) techniques- Luchian Zaharia, Romeu Chelariu, Radu Comaneci, Adrian Dinescu, Dragoș Cristian Achiței- Buletinul Institutului Politehnic din Iași, Tomul LV (LIX), fasc. 4, Secția Știința și Ingineria Materialelor, pp. 481 – 486, 2009, ISSN 1453 – 1690.

22. The mechanics of plastic deformation in the drawing of the metallic wires with high mechanical resistance in ultrasonic field- Mihai Susan, Viorel Iliescu, Dragoș Cristian Achitei- Buletinul Institutului Politehnic din Iași, Tomul LV (LIX), fasc. 3, Secția Știința și Ingineria Materialelor, pp. 171 – 176, 2009, ISSN 1453 – 1690.

19. Theoretical and experimental aspects regarding the stress corrosion cracking (SCC) in the undismontable assemblies- Sanda Cretu, Dan Gelu Galusca, Dragoș Cristian Achitei, Irina Elena Surdu- Buletinul Institutului Politehnic din Iași, Tomul LV (LIX), fasc. 2, Secția Știința și Ingineria Materialelor, pp. 171 – 176, 2009, ISSN 1453 – 1690.

23. Aspecte metalurgice privind aliajele metalice cu memoria formei- Achiței Dragoș, Vizureanu Petrică, Gălușcă Dan Gelu, Perju Manuela, Carabet (Ștefănică) Roxana- Proceedings – Simpozionul Național „Generarea, prevenirea și procesarea emisiilor poluante în mediul industrial” GEPROPOL 2009, București, 12-13 iunie, 2009, pp. 1-7, ISSN 2066-5725.

24. Dezvoltarea durabilă și tehnologia de precipitare dispersă cu cicluri termice a unor aliaje de aluminiu- Carabet (Ștefănică) Roxana, Vizureanu Petrică, Perju Manuela, Achiței Dragoș- Proceedings – Simpozionul Național „Generarea, prevenirea și procesarea emisiilor poluante în mediul industrial” GEPROPOL 2009, București, 12-13 iunie, 2009, pp. 73-79, ISSN 2066-5725.

25. Influența tehnologiei de descarcare în impuls asupra mediului înconjurător- Perju Manuela Cristina, Vizureanu Petrică, Carabet Roxana Gabriela, Achiței Dragoș- Proceedings – Simpozionul Național „Generarea, prevenirea și procesarea emisiilor poluante în mediul industrial” GEPROPOL 2009, București, 12-13 iunie, 2009, pp. 276-282, ISSN 2066-5725.

26. Aspecte privind oboseala termomecanică a aliajelor cu memoria formei, baza cupru- Achiței Dragoș-Cristian, Gălușcă Dan-Gelu, Cimpoeșu Nicanor, Crețu Sanda- Simpozionul Național al Tinerilor cercetători în domeniul ingineriei materialelor – Romat Junior 2008 – Secțiunea Tehnologiei inovative În domeniul materialelor avansate, București 30-31 mai 2008, ISBN 978-606-521-018-9.

27. Influența frecării interne asupra unor materiale inteligente- Cimpoeșu Nicanor, Ursu Mihai-Ionel, Achiței Dragoș-Cristian, Carabet Roxana, Enache Alexandru, Sandu Andrei- Simpozionul Național al Tinerilor cercetători în domeniul ingineriei materialelor – Romat Junior 2008 – Secțiunea Tehnologiei inovative În domeniul materialelor avansate, București 30-31 mai 2008, ISBN 978-606-521-018-9.

28. Mechanical characteristics modifications at 10TiNiCr180 stainless steel tubes drawing with ultrasonic vibrations- Mihai Susan, Roxana-Gabriela Carabet, Dragoș - Cristian Achitei, Ștefan-Lucian Toma- CEEEX 2008 Conference Excellence research – a way to innovation, volume III, Brașov 2008, ISSN 1844-7090.

29. Composite shape memory materials obtaining methods- Nicanor Cimpoeșu, Alexandru Enache, Sergiu Stanciu, Carmen Nejnere, Dragoș Achiței, Ion Hopulele- International Conference “ARCAST 2008 - Casting from rigor of technique to art” Galați 2008, pp. 293-296, ISBN 978-973-7845-94-8

30. Elements of metals drawing technology in ultrasonic field- Mihai Susan, Roxana-Gabriela Carabet, Dragoș-Cristian Achiței, Viorel Iliescu- International Conference “ARCAST 2008 - Casting from rigor of technique to art”, Galați 2008, pp. 230-233, ISBN 978-973-7845-94-8

31. Mechanics of plastic deformation on tubes drawing without inner guidance in ultrasonic field- Mihai Susan, Roxana-Gabriela Carabet, Dragoș-Cristian Achiței, Ștefan-Lucian Toma- International Conference “ARCAST 2008 - Casting from rigor of technique to art”, Galați 2008, pp. 221-224, ISBN 978-973-7845-94-8

32. Theoretical approaches regarding the describing of the thin layers with special properties composed of chrome nitrates and aluminum nitrates- Sanda Crețu, Dan-Gelu Gălușcă, Dragoș-Cristian Achiței- International Conference “ARCAST 2008 - Casting from rigor of technique to art”, Galați 2008, pp. 163-167, ISBN 978-973-7845-94-8
33. Influence of internal friction evolution in martensitic-austenitic range on sound quality- Nicanor Cimpoesu, Alexandru Enache, Dragoș Achiței, Ion Hopulele  
- International Conference “ARCAST 2008 - Casting from rigor of technique to art”, Galați 2008, pp. 147-150, ISBN 978-973-7845-94-8
34. Shape memory alloys contemporaneous art applications, internal friction influence- Nicanor Cimpoesu, Nejneru Carmen, Dragoș Achiței, Mihai Axinte- International Conference “ARCAST 2008- Casting from rigor of technique to art”, Galați 2008, pp. 130-134, ISBN 978-973-7845-94-8
35. Structural aspect of some brasses for bells- Nejneru Carmen, Manuela Perju, Andrei Sandu, Roxana Carabet, Dragoș Achiței- International Conference “ARCAST 2008 - Casting from rigor of technique to art”, Galați 2008, pp. 127-129, ISBN 978-973-7845-94-8
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