

## LISTĂ LUCRĂRI


a) Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii.

1. Românu, I.C., Diaconescu, E., BIOARTICULAR FRICTION, 2010, ISSN 1844-8917, ACTA TRIBOLOGICA, Volume 18, (2010), p-ISSN 1220-8434, e-ISSN 2069-4601.
2. Românu, I.C., Muscă, I., UPON FINITE LENGTH LINE CONTACTS BETWEEN NONLINEAR ELASTIC BODIES, Doct-us, Suceava, 2011, Vol.2 .
3. Românu, I.C., Muscă, I., NUMERICAL MODELING OF FINITE LENGTH LINE CONTACTS BETWEEN NONLINEAR ELASTIC BODIES, THE ANNALS OF "DUNĂREA DE JOS" UNIVERSITY OF GALAȚI FASCICLE VIII, TRIBOLOGY, 2011 (XVII), Issue 2 ISSN 1221-4590.
4. SUCIU, C., Românu, I. C., EXPERIMENTAL INVESTIGATIONS UPON CIRCULAR CONTACTS BETWEEN ETHYLENE VINYL ACETATE BODIES BY THE AID OF REFLECTIVITY, THE ANNALS OF "DUNĂREA DE JOS" UNIVERSITY OF GALAȚI FASCICLE VIII, TRIBOLOGY, 2011 (XVII), Issue 2 ISSN 1221-4590.
5. Românu, I.C., Muscă, I., CIRCULAR CONTACT OF NONLINEAR ELASTIC BODIES SUBJECTED TO IMPORTANT STRAINS, ANNALS OF THE ORADEA UNIVERSITY, Fascicle of Management and Technological Engineering, ISSN 1583 - 0691, 2012.
6. Românu, I.C., Muscă, I., EXPERIMENTAL INVESTIGATIONS UPON FINITE LINE LENGTH CONTACTS BETWEEN NONLINEAR ELASTIC BODIES SUBJECTED TO LARGE DEFORMATIONS, ANNALS OF THE ORADEA UNIVERSITY, Fascicle of Management and Technological Engineering, ISSN 1583 - 0691, 2012.
7. Românu, I.C., Muscă, I., CONSIDERATIONS UPON HYPERELASTIC CONTACTS MODELING BY AID OF FEM, ISSN 1844-8917, Varehd 16, 2012.
8. Românu, I.C., Muscă, I., PRELIMINARY RESULTS ON HYPERELASTIC CONTACTS ANALYSIS USING FEM, ISSN 1844-8917, Varehd 16, 2012.
9. Alaci, S., Ciornei, F.C., Românu, I.C., Amarandei, D.V., CAN THE COLLISION BETWEEN A FREE FALLING BALL AND A ROTATING DISK BE REGARDED AS A PLANE IMPACT?, ISSN 1844-8917, Varehd 16, 2012.
10. S.ALACI, F. CIORNEI, C.FILOTE, I.C. ROMANU, ANALYSIS OF POSTIMPACT PLASTIC INDENTATION PROFILES, Applied Mechanics and Materials, Vol 809-810 (2015), pp223-228, Trans Tech Publications, Switzerland, doi: 10.4028/www.scientific.net/AMM.809-810.223

b) Teza de doctorat

Titlul tezei: "Efectul de capăt în contactul liniar dintre corpuri din materiale neliniar elastice", sub coordonarea Prof. dr. ing. Ilie Muscă, susținută public pe 26.04.2013.

c) Brevete de invenție și alte titluri de proprietate industrială



Nu este cazul.

**d).Cărți și capitole în cărți**

Nu este cazul.

**e) Articole/studii în extenso, publicate în reviste din fluxul științific internațional principal**

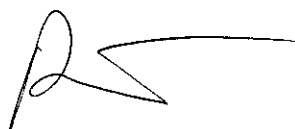
Nu este cazul.

**f) Publicații în extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate**

Nu este cazul.

**g) Lista completă de lucrări științifice**

1. **Românu, I.C., Diaconescu, E.,** BIOARTICULAR FRICTION, 2010, ISBN 1844-8917, Varehd 15, 2010.
2. **Românu, I.C., Diaconescu, E.,** BIOARTICULAR FRICTION, 2010, ISSN 1844-8917, ACTA TRIBOLOGICA, Volume 18, (2010), p-ISSN 1220-8434, e-ISSN 2069-4601.
3. **Românu, I.C., Glovnea, M., Diaconescu, E.,** CONTACTUL HERTZIAN LINIAR DE LUNGIME FINITĂ ÎNTRE CORPURI DIN MATERIALE LINIAR ELASTICE, Proceedings of Cer-Stud, 2011, Suceava, ISSN 1844-6019.
4. **Românu, I.C., Muscă, I.,** UPON FINITE LENGTH LINE CONTACTS BETWEEN NONLINEAR ELASTIC BODIES, Doct-us, Suceava, 2011, Vol.2.
5. **Românu, I.C., Muscă, I.,** NUMERICAL MODELING OF FINITE LENGTH LINE CONTACTS BETWEEN NONLINEAR ELASTIC BODIES, THE ANNALS OF "DUNĂREA DE JOS" UNIVERSITY OF GALAȚI FASCICLE VIII, TRIBOLOGY, 2011 (XVII), Issue 2 ISSN 1221-4590.
6. **SUCIU, C., Românu, I. C.,** EXPERIMENTAL INVESTIGATIONS UPON CIRCULAR CONTACTS BETWEEN ETHYLENE VINYL ACETATE BODIES BY THE AID OF REFLECTIVITY, THE ANNALS OF "DUNĂREA DE JOS" UNIVERSITY OF GALAȚI FASCICLE VIII, TRIBOLOGY, 2011 (XVII), Issue 2 ISSN 1221-4590.
7. **Românu, I.C., Muscă, I.,** CIRCULAR CONTACT OF NONLINEAR ELASTIC BODIES SUBJECTED TO IMPORTANT STRAINS, ANNALS OF THE ORADEA UNIVERSITY, Fascicle of Management and Technological Engineering, ISSN 1583 - 0691, 2012.
8. **Românu, I.C., Muscă, I.,** EXPERIMENTAL INVESTIGATIONS UPON FINITE LINE LENGTH CONTACTS BETWEEN NONLINEAR ELASTIC BODIES SUBJECTED TO LARGE DEFORMATIONS, ANNALS OF THE ORADEA UNIVERSITY, Fascicle of Management and Technological Engineering, ISSN 1583 - 0691, 2012.
9. **Românu, I.C., Muscă, I.,** CONSIDERATIONS UPON HYPERELASTIC CONTACTS MODELING BY AID OF FEM, ISSN 1844-8917, Varehd 16, 2012.
10. **Românu, I.C., Muscă, I.,** PRELIMINARY RESULTS ON HYPERELASTIC CONTACTS ANALYSIS USING FEM, ISSN 1844-8917, Varehd 16, 2012.



11. Alaci, S., Ciornei, F.,C., Românu, I.C., Amarandei, D.,V., CAN THE COLLISION BETWEEN A FREE FALLING BALL AND A ROTATING DISK BE REGARDED AS A PLANE IMPACT?, ISSN 1844-8917, Varehd 16, 2012.
12. Alaci, S., Ciornei, F.,C., Ciufudean, C., Filote, C., Românu, I.C., EXPERIMENTAL VALIDATION OF THEORETICAL MODEL FOR CENTRIC DUMPED COLLISION BETWEEN TWO BALLS, Proceedings of WSEAS, ISBN: 978-1-61804-148-7, 2012.
13. Stelian ALACI, Constantin FILOTE, Florina Carmen CIORNEI, Ionut ROMANU, Valentin Dan AMARANDEI, SOME REMARKS UPON EXPERIMENTAL FINDING OF COEFFICIENT OF RESTITUTION, TRIBOLOGICAL JOURNAL BULTRIB, Vol. III, 2013, pp 170-175, ISSN: 1313-9878
14. Carmen-Florina CIORNEI, Stelian ALACI, Dumitru AMARANDEI, Ionut ROMÂNŪ, ASPECTS UPON INDENTATION GEOMETRY DUE TO IMPACTING METALLIC BODIES, THE 17th INTERNATIONAL SCIENTIFIC CONFERENCE „TEHNOMUS”, May 17-18, 2013,„Ștefan cel Mare” University of Suceava – ROMANIA.
15. Stelian ALACI, Carmen-Florina CIORNEI, Dumitru AMARANDEI, Ionuț ROMÂNŪ, CONSEQUENCES OF ENERGETIC HYPOTHESIS USED IN MODELING THE IMPACT OF COMPLIANT BODIES, THE 17th INTERNATIONAL SCIENTIFIC CONFERENCE „TEHNOMUS”, May 17-18, 2013,„Ștefan cel Mare” University of Suceava – ROMANIA.
16. Michaela Fomin VASILACHE, Ionuț Cristian ROMINU, Ilie MUSCA, NUMERICAL STUDY OF SHEAR STRESS AROUND AN IDEAL ROUGHNESS, ANALELE UNIVERSITĂȚII“EFTIMIE MURGU” REȘIȚA, ANUL XXI, NR. 1, 2014, ISSN 1453 – 7397, pp91-95.
17. I.C.ROMÂNŪ, EXPERIMENTAL METHOD USED TO DETERMINE MOONEY --RIVLIN CONSTANTS FOR RUBBER. PART I, The 18-th International Conference New Technologies and Products in Machine Manufacturing Technologies, Suceava, 8-9 May 2015.
18. I.C.ROMÂNŪ, EXPERIMENTAL METHOD USED TO DETERMINE MOONEY --RIVLIN CONSTANTS FOR RUBBER. PART II, The 18-th International Conference New Technologies and Products in Machine Manufacturing Technologies, Suceava, 8-9 May 2015.
19. I.C.ROMÂNŪ, I.,Muscă, ABOUT THE END EFFECT IN FINITE LENGTH LINE CONTACT, Proceedings of Balkantrib'14, October-November 2014, ISBN 978-973-719-571-5, <http://balkantrib.upg-ploiesti.ro>
20. I.C.Românu and others, THE PRESENCE OF VELOCITY DISCONTINUITIES IN NANOINDENTATION TESTS, Tehnomus Journal, No 22-2015, pp540-543, ISSN 1224-029X, <http://www.tehnomusjournal.fim.usv.ro>
21. S.ALACI, F. CIORNEI, C.FILOTE, I.C. ROMANU, Analysis of Postimpact Plastic Indentation Profiles, Applied Mechanics and Materials, Vol 809-810 (2015), pp223-228, Trans Tech Publications, Switzerland, doi: 10.4028/www.scientific.net/AMM.809-810.223

Data  
04.01.2016

Semnatura

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