

Lista de lucrări

Dr. Ing. Tamaşag Ioan

Teza de doctorat :

Tamaşag Ioan, *Contribuții la studiul fenomenelor de frecare la aşchiera cu scule cu tăiş a materialelor dure*, Universitatea „Ștefan cel Mare” Suceava, 2021

Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări prevăzute de art.15 din Hotărârea nr. 457/2011, modificată;

1. **Tamaşag I.**, Beşliu I., Amarandei D., *Application of Reverse Engineering for Automotive Plastic Components – Case Study*, Macromolecular Symposia 395(1):2000265, 2021, DOI: 10.1002/masy.202000265
2. Beşliu I., **Tamaşag I.**, Slătineanu L., *An Experimental Study on Incremental Forming Process of Polycarbonate Sheets*, Macromolecular Symposia 395(1):2000282, 2021, DOI: 10.1002/masy.202000282
3. Beşliu I., **Tamaşag I.**, Slătineanu L., Cerlincă D., *Study of Incremental Forming Process of Polycarbonate Sheets*, Conference: SAE WCX Digital Summit, 2021, DOI: 10.4271/2021-01-0835
4. **Tamaşag I.**, Amarandei D., Beşliu I., *Experimental Investigation on Turning of Case-Hardened 21NiCrMo2 Cementation Steel*, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, no. 27, 2020
5. **Tamaşag I.**, Amarandei D., Beşliu I., *Design of a device for testing and analyzing the friction coefficient during metal cutting*, IOP Conference Series: Materials Science and Engineering, Volume 568, 2019, DOI:10.1088/1757-899X/568/1/012100
6. Beşliu, I., **Tamaşag, I.**, *Effect of cooling condition over surface quality in turning of aluminium alloy 6082-T6*, IOP Conference Series: Materials Science and Engineering, Volume 564, Number 1, 2019, <https://doi.org/10.1088/1757-899X/564/1/012009>
7. Ciornei, F.C., Alaci, S., Amarandei, D., Filote, C., **Tămăşag, I.**, *Rigidity versus deformability hypothesis in impact dynamics*, MATEC Web of Conferences, Volume 112, 2017, <https://doi.org/10.1051/mateccconf/201711207005>
8. **Tamaşag, I.**, Amarandei, D., Beşliu, I., *Force variation along the cutting edge in turning processes*, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, no. 26, 2019.



9. **Ioan TAMAȘAG**, Lucian ISPAS, Claudiu Marian PICUS, Traian Lucian SEVERIN, Constantin DULUCHEANU, *Annealing influence on 3d printed parts with amorfous structures*, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, no. 28, 2021.

10. Manolache-Rusu Ioan-Cozmin, Suciu Cornel, **Tamașag Ioan**, Picus Claudiu-Marian, *Preliminary investigations upon the influence of cnc milling strategy on hardwood surface parameters*, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, no. 28, 2021.

c) Brevete de invenție și alte titluri de proprietate industrială;

-

d) Cărți și capitole în cărți;

-

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

Articole publicate în reviste cotate ISI

e1. **Tamașag I.**, Beșliu I., Amarandei D., *Application of Reverse Engineering for Automotive Plastic Components – Case Study*, Macromolecular Symposia 395(1):2000265, 2021, DOI: 10.1002/masy.202000265

e2. Beșliu I., **Tamașag I.**, Slătineanu L., *An Experimental Study on Incremental Forming Process of Polycarbonate Sheets*, Macromolecular Symposia 395(1):2000282, 2021, DOI: 10.1002/masy.202000282

e3. Beșliu, I., **Tamașag, I.**, *Effect of cooling condition over surface quality in turning of aluminium alloy 6082-T6*, IOP Conference Series: Materials Science and Engineering, Volume 564, Number 1, 2019, <https://doi.org/10.1088/1757-899X/564/1/012009>

e4. Ciornei, F.C., Alaci, S., Amarandei, D., Filote, C., **Tămășag, I.**, *Rigidity versus deformability hypothesis in impact dynamics*, MATEC Web of Conferences, Volume 112, 2017, <https://doi.org/10.1051/mateconf/201711207005>

Articole publicate în reviste cotate BDI

e5. Beșliu I., **Tamașag I.**, Slătineanu L, Cerlincă D., *Study of Incremental Forming Process of Polycarbonate Sheets*, Conference: SAE WCX Digital Summit, 2021, DOI: 10.4271/2021-01-0835



e6. **Tamaşag I.**, Amarandei D., Beşliu I., *Design of a device for testing and analyzing the friction coefficient during metal cutting*, IOP Conference Series: Materials Science and Engineering, Volume 568, 2019, DOI:10.1088/1757-899X/568/1/012100

e7. **Ioan TAMAŞAG**, Lucian ISPAS, Claudiu Marian PICUS, Traian Lucian SEVERIN, Constantin DULUCHEANU, *Annealing influence on 3d printed parts with amorfous structures*, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, no. 28, 2021.

e8. Manolache-Rusu Ioan-Cozmin, Suciuc Cornel, **Tamaşag Ioan**, Picus Claudiu-Marian, *Preliminary investigations upon the influence of cnc milling strategy on hardwood surface parameters*, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, no. 28, 2021.

e9. **Tamaşag I.**, Amarandei D., Beşliu I., *Experimental Investigation on Turning of Case-Hardened 21NiCrMo2 Cementation Steel*, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, no. 27, 2020

e10. **Tamaşag, I.**, Amarandei, D., Beşliu, I., *Force variation along the cutting edge in turning processes*, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, no. 26, 2019.

e11. Alaci, S., Ciornei, F.C., Buium, F., Erwin, V.A., Sapon, G., **Tamasag, I.**, A method for determining the rolling friction torque in a thrust bearing. Part I, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, 2018

e12. Ciornei, F.C., Alaci, S., Buium, F., Erwin, V.A., Sapon, G., **Tamasag, I.**, A method for determining the rolling friction torque in a thrust bearing. Part II, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, 2018

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

f1. **Tamaşag I.**, Amarandei D., Beşliu I., *Design of a device for testing and analyzing the friction coefficient during metal cutting*, PROCEEDINGS OF THE ANNUAL SESSION OF SCIENTIFIC PAPERS, Volume XVIII (XXVIII), IMT Oradea, 2019, ISSN 2457- 8347

g) Alte lucrări și contribuții științifice sau, după caz, din domeniul creației artistice.

g1. Prezentare articol „**Ioan Tamaşag, Dumitru Amarandei, Irima Beşliu, Some Insights on Chemical Treatment of 3D Printed Parts**”, la International Conference on Polymer Processing in Engineering (PPE), 6th Editions, Galați, 18-19 November 2021.



