



## LISTA LUCRĂRILOR ELABORATE ȘI PUBLICATE

Lista celor 10 lucrări considerate relevante	
1.	<p><b>C.C. Grigoraș, B Chiriță, G. Brabie, C Ciofu, Experimental analysis of AZ31B magnesium alloy sheet failure using punch stretching</b>, ICAMat 2019, IOP Conference Series: Materials Science and Engineering, 682 (1), Article number 012009, 2019</p> <p><b>Conferința:</b> „10th International Conference on Advanced Manufacturing Technologies”</p> <p><b>Locația:</b> București, România</p> <p><b>Data:</b> Octombrie 10-11, 2019</p> <p><b>doi:</b> 10.1088/1757-899X/682/1/012009</p>
2.	<p>B. Chiriță, <b>C.C. Grigoras, C Tâmpu, E Herghelegiu, Analysis of cutting forces and surface quality during face milling of a magnesium alloy</b>, IOP Conference Series: Materials Science and Engineering 591 (1), Article number: 012006, 2019</p> <p><b>Conferința:</b> „Modern Technologies in Industrial Engineering VII, (ModTech2019)”</p> <p><b>Locația:</b> Iași, România</p> <p><b>Data:</b> Iunie 19-22, 2019</p> <p><b>doi:</b> 10.1088/1757-899X/591/1/012006</p>
3.	<p><b>C.C. Grigoraș, B. Chiriță, G. Brabie, C. Ciofu, Additive manufacturing of a stretch forming die using 3D printing technology</b>, IManEE 2019, IOP Conference Series: Materials Science and Engineering, vol. 564, 2019, Article number 012017</p> <p><b>Conferința:</b> „The 23th Innovative Manufacturing Engineering &amp; Energy International Conference IManEE 2019”</p> <p><b>Locația:</b> Pitești, România</p> <p><b>Data:</b> Mai 22-24, 2019</p> <p><b>doi:</b> 10.1088/1757-899X/564/1/012017</p>
4.	<p><b>C.C. Grigoraș, G Brabie, B Chirita - The influence of milling-burnishing successive and simultaneous processes on the surface roughness</b>, IOP Conference Series: Materials Science and Engineering, vol. 145, Article number 022010, 2016, ISSN: 1757-8981</p> <p><b>Accession Number:</b> WOS:000396437600010, ,</p> <p><b>Conferința:</b> „International Conference on Modern Technologies in Industrial Engineering IV (ModTech)”</p> <p><b>Locația:</b> Iași, România</p> <p><b>Date:</b> Iunie 15-18, 2016</p> <p><b>doi:</b> 10.1088/1757-899X/145/2/022010 (ISI Proceedings Paper)</p>
5.	<p><b>C.C. Grigoraș, G Brabie, B Chirita - The influence of milling-burnishing successive and simultaneous processes on the material hardness</b>, IOP Conference Series: Materials Science and Engineering, vol. 145, Article number 022009, 2016, ISSN 1757-8981</p> <p><b>Accession Number:</b> WOS:000396437600009, ,</p> <p><b>Conference:</b> „International Conference on Modern Technologies in Industrial Engineering IV (ModTech)”</p> <p><b>Locația:</b> Iași, România</p> <p><b>Date:</b> Iunie 15-18, 2016</p> <p><b>doi:</b> 10.1088/1757-899X/145/2/022009 (ISI Proceedings Paper)</p>
6.	<p><b>C.C. Grigoraș, G Brabie - The influence of milling parameters on the material hardness in the case of magnesium alloy AZ61A</b>, IOP Conference Series: Materials Science and Engineering, vol. 95, Article number 012023, 2015, ISSN 1757-8981</p> <p><b>Accession Number:</b> WOS:000365128900023</p> <p><b>Conference:</b> 3rd International Conference on Modern Technologies in Industrial Engineering (ModTech)</p> <p><b>Location:</b> Mamaia, ROMANIA</p> <p><b>Date:</b> JUN 17-20, 2015</p> <p><b>doi:</b> 10.1088/1757-899X/95/1/012023 (ISI Proceedings Paper)</p>

7.	Brabie, G. and C.C. Grigoraş, <b>Analysis of the surface quality obtained in the case of milling-burnishing combined process.</b> PRODUCTICA Scientific Sessions, Vol. 7, No. 1: p. 237-245, 2015, ISSN 2067-2160 <b>Conferința:</b> „Integration of Research and Innovation in Bussiness Envirorment” <b>Locația:</b> București, Romania <b>Data:</b> Mai 29 , 2005
8.	Brabie G., C.C. Grigoraş, A. D. Rizea, C. Cărăușu, A. L. Chicea, C. Maier, <b>Review of the present technological advance in the field of water jet cutting,</b> Journal Proceedings in Manufacturing Systems 2018, vol 13, number 4, p 165-170, ISSN 2027-9238 <b>Indexat in 6 baze de date internaționale</b> (Index Copernicus, Ulrichsweb Global Serials Directory, Google Scholar, Proquest, Euroweb Database , Research Bible)
9.	C.C. Grigoraş, G Brabie - <b>The influence of milling parameters on the surface roughness in the case of magnesium alloy AZ61A,</b> International Journal of Modern Manufacturing Technologies, Vol. VII, No. 2, p. 57-61, 2015, ISSN 2067-3604 <b>Indexat in 5 baze de date internaționale</b> (Scopus; Index Copernicus International; Iet-Inspec; Google Scholar; China National Knowledge Infrastructure)
10.	C. Ciofu, B Chiriță, R Lupu, C.C. Grigoraş, C Radu, G Brabie, <b>Tendencies in forming sheet metal parts using incremental forming advanced technologies,</b> Journal of Engineering Studies and Research, vol. 25 (3), p. 15-21, 2019, ISSN: 2068-7559 <b>Indexat in peste 10 baze de date internaționale</b> (Index Copernicus, ERIH PLUS, Google Academic, Publons, ș.a.)

#### Teza de doctorat

**Cosmin Constantin GRIGORAȘ, 2016.** *“Contribuții teoretice și experimentale privind calitatea suprafețelor obținute prin prelucrarea combinată prin aşchiere și deformare plastică a aliajului de magneziu AZ31B-F”*, Coordonator științific, Prof. dr. ing. Gheorghe BRABIE, Universitatea „Vasile ALECSANDRI” din Bacău;

- susținere publică la Universitatea „Vasile ALECSANDRI” din Bacău, în 04.11.2016;
- în baza Ordinului Ministrului Educației Naționale, nr. 3148 din 30.01.2017 a fost emisă diploma de doctor Seria J, Nr. 0027051 / 04.06.2018, în **Domeniul Inginerie Industrială.**

**Data completării,**  
**09.01.2020**

**Semnătura,**  
**asist. cercet. dr. ing. Cosmin Constantin GRIGORAȘ**