



## LISTA LUCRĂRILOR ELABORATE ȘI PUBLICATE

Lista de lucrări	
1.	C. Ciofu, <b>C.C. Grigoraș</b> , B. Chiriță Alexandru, A.C. Iancu, G. Brabie, <b>Fracture Investigation in Draw Bending of AZ31B Sheets using Fuzzy Logic Prediction</b> , Procedia Manufacturing, Volume 47, 2020, Pages 1462-1467, ISSN 2351-9789, doi:10.1016/j.promfg.2020.04.323 (ISI Proceedings)
2.	<b>C.C. Grigoraș</b> , B Chiriță, G. Brabie, C Ciofu, <b>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 doi:10.1088/1757-899X/682/1/012009 (ISI Proceedings)
3.	<b>C.C. Grigoraș</b> , B. Chiriță, G. Brabie, C. Ciofu, <b>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 doi: 10.1088/1757-899X/564/1/012017
4.	B. Chiriță, <b>C.C. Grigoras</b> , C Tâmpu, E Herghelegiu, <b>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 doi:10.1088/1757-899X/591/1/012006 (ISI Proceedings)
5.	C. Ciofu, B Chiriță, R Lupu, <b>C.C. Grigoraș</b> , 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
6.	Brabie G., <b>C.C. Grigoraș</b> , 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
7.	<b>C.C. Grigoraș</b> , G Brabie, B Chirita - <b>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, <b>Accession Number:</b> WOS:000396437600010, doi:10.1088/1757-899X/145/2/022010 (ISI Proceedings)
9.	<b>C.C. Grigoraş, 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, <b>Accession Number:</b> WOS:000396437600009, <b>doi:10.1088/1757-899X/145/2/022009 (ISI Proceedings)</b>
10.	<b>C.C. Grigoraş, 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 <b>Accession Number:</b> WOS:000365128900023, doi: 10.1088/1757-899X/95/1/012023 (ISI Proceedings)
11.	<b>C.C. Grigoraş, G Brabie - 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 (ISI Proceedings)
12.	<b>Brabie, G. and C.C. Grigoraş, Analysis of the surface quality obtained in the case of milling-burnishing combined process. PRODUCTICA Scientific Sessions, Vol. 7, No. 1: p. 237-245, 2015, ISSN 2067-2160</b>