

LISTA LUCRĂRILOR ELABORATE ȘI PUBLICATE

Lista celor 10 lucrări considerate relevante	
1.	N.C. TÂMPU, B. CHIRIȚĂ, E. HERGHELEGIU, G. BRABIE, <i>Influence of the cutting regime on the residual stresses generated by carbon steel milling</i> , Indian Journal of Engineering and Materials Sciences, ISSN: 0975-1017 (Online); 0971-4588 (Print), 2014, Vol. 21(3) [June 2014], pp. 283-288, (Fi 0.413).
2.	RADU C., N.C. TÂMPU, B. CHIRIȚĂ, Cristea I., <i>The Effect of Residual Stresses on the Accuracy of Parts Processed by SPIF</i> , MATERIALS AND MANUFACTURING PROCESSES, Volume: 28 Issue: 5 Pages: 572-576, May 2013 DOI:10.1080/10426914.2013.763967, (Fi 1.629)
3.	N.C. TÂMPU, B. CHIRIȚĂ, E. HERGHELEGIU, G. BRABIE, RADU C., <i>Influence of the cooling liquid on surface quality characteristics in milling</i> , MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING (MODTECH2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, Article Number: 012024, DOI: 10.1088/1757-899X/95/1/012024, Published: 2015
4.	N.C. TÂMPU, B. CHIRIȚĂ, RADU C., <i>Influence of the Temperature and Mechanical Stresses Generated by Milling Process in Machined Part Surfaces on their Accuracy</i> , INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Volume: 371 Pages: 59-63, DOI: 10.4028/www.scientific.net/AMM.371.59, Published: 2013
5.	N.C. TÂMPU, <i>The Influence of Different Factors on Residual Stresses Distribution Induced by Milling</i> , MODTECH 2010: NEW FACE OF TMCR, PROCEEDINGS, Book Series: Proceedings of the International Conference ModTech, Pages: 615-618, Published: 2010
6.	C. SCHNAKOVSKY, E. HERGHELEGIU, M. C. RADU, N. C. TÂMPU, <i>The surface quality of AWJ cut parts as a function of abrasive material reusing rate</i> , MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING (MODTECH2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, Article Number: 012004 DOI: 10.1088/1757-899X/95/1/012004, Published: 2015
7.	B. CHIRIȚĂ, N.C. TÂMPU, <i>Study of Residual Stresses Distribution Generated from Milling of Magnesium Alloy Parts</i> , ENGINEERING SOLUTIONS AND TECHNOLOGIES IN MANUFACTURING, Book Series: Applied Mechanics and Materials, Volume: 657 Pages: 18-22, DOI: 10.4028/www.scientific.net/AMM.657.18 Published: 2014
8.	B. CHIRIȚĂ, N.C. TÂMPU, <i>Analysis of Surface Roughness for High Speed Milling of a Magnesium Alloy Part</i> , MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING, Book Series: Advanced Materials Research, Volume: 837 Pages: 33-38, DOI: 10.4028/www.scientific.net/AMR.837.33, Published: 2014
9.	C. SCHNAKOVSKY, E. HERGHELEGIU, N. C. TÂMPU, <i>The Metal Sheets Processed by AWJ. Analysis of the Surface Quality</i> , MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING Book Series: Advanced Materials Research, Volume: 837 Pages: 201-205, DOI: 10.4028/www.scientific.net/AMR.837.201, Published: 2014 .
10.	RADU C, E. HERGHELEGIU, N.C. TÂMPU, CRISTEA I., <i>The Residual Stress State Generated by Single Point Incremental Forming of Aluminum Metal Sheets</i> , INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Volume: 371 Pages: 148-152, DOI: 10.4028/www.scientific.net/AMM.371.148, Published: 2013

Teza de doctorat	
<p>TÂMPU Nicolae Cătălin, 2011. “ <i>Contribuții teoretice și experimentale privind efectele tensiunilor reziduale generate prin frezare asupra calității suprafețelor prelucrate</i>”, Coordonator științific, Prof. dr. ing. Gheorghe BRABIE, Universitatea „Vasile ALECSANDRI” din Bacău;</p> <ul style="list-style-type: none"> - susținere publică la Universitatea „Vasile ALECSANDRI” din Bacău, în 24.10.2011; - în baza Ordinului Ministrului Educației, Cercetării, Tineretului și Sportului, nr. 6697 din 21.12.2011 a fost emisă diploma de doctor Seria H, Nr.0004723 / 28.03.2012, în Domeniul Inginerie Industrială. 	

Cărți	
1.	Crina RADU, Ion CRISTEA, Eugen HERGHELEGIU, Nicolae Cătălin TÂMPU , <i>Sisteme de management al calității: Cerințe. Audit</i> , Editura ALMA-MATER, Bacău, 2015, ISBN 978-606-527-483-9.
2.	Ion CRISTEA, Crina RADU, Nicolae Cătălin TÂMPU , <i>Control statistic. Note de curs și aplicații</i> , Editura ALMA-MATER, Bacău, 2012, ISBN 978-606-527-210-1

Articole / studii publicate în reviste de specialitate și volume ale unor manifestări științifice	
Articole publicate în reviste indexate ISI	
1.	N.C. TÂMPU , B. CHIRIȚĂ, E. HERGHELEGIU, G. BRABIE, Influence of the cutting regime on the residual stresses generated by carbon steel milling, Indian Journal of Engineering and Materials Sciences, ISSN: 0975-1017 (Online); 0971-4588 (Print), 2014, Vol. 21(3) [June 2014], pp. 283-288, (Fi 0.413).
2.	RADU C., N.C. TÂMPU , B. CHIRIȚĂ, Cristea I., The Effect of Residual Stresses on the Accuracy of Parts Processed by SPIF, MATERIALS AND MANUFACTURING PROCESSES, Volume: 28 Issue: 5 Pages: 572-576, May 2013 DOI:10.1080/10426914.2013.763967, (Fi 1.629)
Articole publicate în reviste proceedings ISI	
1.	N.C. TÂMPU , B. CHIRIȚĂ, E. HERGHELEGIU, G. BRABIE, RADU C, <i>Influence of the cooling liquid on surface quality characteristics in milling</i> , MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING (MODTECH2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, Article Number: 012024, DOI: 10.1088/1757-899X/95/1/012024, Published: 2015
2	C. SCHNAKOVSKY, E. HERGHELEGIU , M. C. RADU, N. C. TÂMPU, <i>The surface quality of AWJ cut parts as a function of abrasive material reusing rate</i> , MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING (MODTECH2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, Article Number: 012004 DOI: 10.1088/1757-899X/95/1/012004, Published: 2015
3	B. CHIRIȚĂ, N.C. TÂMPU , <i>Study of Residual Stresses Distribution Generated from Milling of Magnesium Alloy Parts</i> , ENGINEERING SOLUTIONS AND TECHNOLOGIES IN MANUFACTURING, Book Series: Applied Mechanics and Materials, Volume: 657 Pages: 18-22, DOI: 10.4028/www.scientific.net/AMM.657.18 Published: 2014
4	B. CHIRIȚĂ, N.C. TÂMPU , <i>Analysis of Surface Roughness for High Speed Milling of a Magnesium Alloy Part</i> , MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING, Book Series: Advanced Materials Research, Volume: 837 Pages: 33-38, DOI: 10.4028/www.scientific.net/AMR.837.33, Published: 2014

5	C. SCHNAKOVSKY, E. HERGHELEGIU, N. C. TÂMPU, <i>The Metal Sheets Processed by AWJ. Analysis of the Surface Quality</i> , MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING Book Series: Advanced Materials Research, Volume: 837 Pages: 201-205, DOI: 10.4028/www.scientific.net/AMR.837.201, Published: 2014 .
6	N.C. TÂMPU, B. CHIRIȚĂ, RADU C, <i>Influence of the Temperature and Mechanical Stresses Generated by Milling Process in Machined Part Surfaces on their Accuracy</i> , INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Volume: 371 Pages: 59-63, DOI: 10.4028/www.scientific.net/AMM.371.59, Published: 2013
7	M. C. RADU, E. HERGHELEGIU, N. C. TÂMPU, I. CRISTEA, <i>The Residual Stress State Generated by Single Point Incremental Forming of Aluminum Metal Sheets</i> , INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Vol: 371 Pages: 148-152, DOI: 10.4028/www.scientific.net/AMM.371.148, Published: 2013
8	N.C. TÂMPU, <i>The Influence of Different Factors on Residual Stresses Distribution Induced by Milling</i> , MODTECH 2010: NEW FACE OF TMCR, PROCEEDINGS, Book Series: Proceedings of the International Conference ModTech, Pages: 615-618, Published: 2010
Articole publicate în reviste indexate BDI	
1	N.C. TÂMPU, G.BRABIE, CHIRIȚĂ B., <i>Influence of Inserts Number on Surface Quality in Milling</i> , Applied Mechanics and Materials Vols. 809-810 (2015) pp 177-182 (2015) Trans Tech Publications, Switzerland, doi: 10.4028 /www.scientific.net / AMM.809-810.177
2	N.C. TÂMPU, G.BRABIE, <i>A theoretical and experimental research on residual stresses distribution generated by successive milling</i> , International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. III, No. 2 / 2012 , pag. 111-116.
3	M. C RADU, E. HERGHELEGIU, C. SCHNAKOVSKY, N. C. TÂMPU, <i>Experimental Analysis Of The Influence Of Feed Rate On Quality Of Cuts Performed By Awj</i> , Journal of engineering studies and research (JESR), ISSN 2068 – 7559, Vol. 21 No. 1, January - March 2015 , Pag. 76-80.
4	E HERGHELEGIU, M. RADOVANOVIC, G. BRABIE, N. C. TÂMPU, <i>Influence of abrasive material quantity on surface quality generated by abrasive water jet operation</i> , International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. III, No. 2 / 2011 , pag. 43-48.

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06.01.2016

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