

## LISTA LUCRĂRILOR ELABORATE ȘI PUBLICATE

Lista celor 10 lucrări considerate relevante	
1.	Zichil V., <b>Judele A.</b> , Albut A., Sava A., Lozovanu P., <i>Noise and vibration pollution reduction to a mineral aggregates station trough rim optimization in order to align at EU legislation</i> , Applied Mechanics and Materials, ISSN 1662-7482, vol. 657, pp 941-945, 2014
2.	Albut, A., Zichil, V., <b>Judele, A.</b> „ <i>Study Concerning the Maximal Depth of a Cylindrical Part Made from Tailor Welded Blanks</i> ” în ENGINEERING SOLUTIONS AND TECHNOLOGIES IN MANUFACTURING, Book Series: Applied Mechanics and Materials, Volume: 657 Pages:188-192, DOI:10.4028/www.scientific.net/AMM.657.188, Published: 2014
3.	<b>Judele A.</b> , Zichil V - <i>Assesing the cracking risk at tubular junctions of the technological routes used in nuclear power plants</i> - Environmental Engineering and Management Journal, ISSN 1582-9596, Volum 11 Nr. 12 An 2012 Nr. pagini 11 Pagina început 1627 Pagină sfârșit 1637 , (Fi 1.065)
4.	Albut A., Zichil V., <b>Judele A.</b> , <i>The influence of the blank holder force during forming process of a U shaped part made from AZ31 magnesium alloy</i> , Applied Mechanics and Materials, ISSN 1662-7482, vols. 809-810, pp 265-270, 2015
5.	Zichil V., <b>Judele A.</b> , Albut A., Schnakovszky C., Sava A., Lozovanu P., <i>Internal energy use in calculating the lifetime of 2P armor steel</i> , Applied Mechanics and Materials, ISSN 1662-7482, vols. 809-810, pp 537-542, 2015
6.	Zichil V., <b>Judele A.</b> , Cotirlet A, Dobreci L., <i>Correlations between sound pressure and internal energy able to prevent breakage of parts that work with dynamic loads</i> – INMATEH, vol 42, no.3, 2013
7.	<b>Judele A.</b> , Zichil V., Pavel A.- <i>Experimental study, using strain gauge technique, for stress measurement on 450 angular tubular branched structures</i> - Buletinul Universitatii Petrol-gaze din Ploiesti ISSN 1224-8495, Vol LXIV • No. 4/2012, Pag. 31-39
8.	<b>Judele A.</b> , Savin Carmen, - <i>Studies and Researches about Formation of Nonlinear Viscoelastic Non-Newtonian Mixtures</i> - DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium, ISSN* 1224-8495, 2012, vol.1 nr.4 Pag. 31-34
9.	Zichil V., Nedeff V., Schnakovszky C., Savin C., <b>Judele A.</b> - <i>The influence of the temperature upon stress distribution at chuck plate with circular stress concentrator using Finite Element Method</i> - Metalurgia International, , ISSN 1582-2214, Editura Științifică F.M.R., poz. 400 în Thomson Scientific Master Journal List - nr. 10/2008, pag. 28,
10.	Zichil V., Savin C ., <b>Judele A.</b> , Albuț A., - <i>Comparative study upon fracture resistance at femoral and tibia bones, for different age persons</i> - 11th International Research /ExpertConference, TMT 2007, Tunisia ISBN 995861734-X, 2007, pag. 1071

Teza de doctorat	
<p><b>Adrian JUDELE, 2012.</b> „Contribuții privind evaluarea concentratorilor de tensiuni mecanobarice la structurile configurate cu ramificații tubulare presurizate la interior”, Teza de doctorat, Coordonator științific, Prof.dr.ing. Alecsandru PAVEL, Universitatea Petrol – Gaze din Ploiesti:</p> <ul style="list-style-type: none"> <li>- susținere publică la Universitatea Petrol – Gaze Ploiesti - în 17.05.2012;</li> <li>- în baza Ordinului Ministrului Educației, Cercetării, Tineretului și Sportului, nr 6149 din 07.11.2012 a fost emisă diploma de doctor Seria H, Nr.0009349 din 28.01.2013, în <b>Domeniul Inginerie Industrială.</b></li> </ul>	

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1.	Ungureanu V., <b>Judele A.</b> , Proiectare asistata in spatiul 2D, Editura Tehnica – Info Chisinau ISBN 9975-63-194-0 U52, 2004
2.	Ungureanu V., <b>Judele A.</b> , Proiectare asistata in spatiul 3D, Editura Tehnica – Info Chisinau ISBN 9975-63-195-0 U52, 2004
3	Zichil V., Savin C., <b>Judele A.</b> , M.E.F in cercetarea aplicativa, Tehnica – Info Chisinau ISBN 978 - 9975 – 63 – 278 -2, 2005
4	Savin C., Zichil V., <b>Judele A.</b> , Elemente de inginerie mecanică, curs intern, îndrumar de laborator, caiet de seminar, Alma Mater, Bacău ISBN 978-973-8392-73-1, 2007
5	<b>Judele A.</b> , Zichil V., Analiza structurala prin metoda lementului finit, Editura Alma Mater Bacau, ISBN 978-973-8392-72-1, 2007
6	Pavel A., <b>Judele A.</b> , Riscuri si surse de avarii mecanotehnologice in rafinaj-petrochimie, vol 3., Editura Ilex, ISBN 978-973-7928-42-9, 2009

Articole / studii publicate în reviste de specialitate și volume ale unor manifestări științifice	
Articole publicate în reviste cotate ISI	
1.	<b>Judele A.</b> , Zichil V - <i>Assesing the cracking risk at tubular junctions of the technological routes used in nuclear power plants</i> - Environmental Engineering and Management Journal, ISSN 1582-9596, Volum 11 Nr. 12 An 2012 Nr. pagini 11 Pagina început 1627 Pagina sfârșit 1637 , (Fi 1.065)
2.	Zichil V., Nedeff V., Schnakovszkz C., Savin C., <b>Judele A.</b> - <i>The influence of the temperature upon stress distribution at chuck plate with circular stress concentrator using Finite Element Method</i> - Metalurgia International, , ISSN 1582-2214, Editura Științifică F.M.R., poz. 400 în Thomson Scientific Master Journal List - nr. 10/2008, pag. 28,
Articole publicate în reviste proceedings ISI	
1.	<b>Judele A.</b> , Savin Carmen, - <i>Studies and Researches about Formation of Nonlinear Viscoelastic Non-Newtonian Mixtures</i> - DAAAM for 2012 &

	Proceedings of the 23rd International DAAAM Symposium, ISSN* 1224-8495, 2012, vol.1 nr.4 Pag. 31-34
2	Albut, A., Zichil, V., <b>Judele, A.</b> „Study Concerning the Maximal Depth of a Cylindrical Part Made from Tailor Welded Blanks” în ENGINEERING SOLUTIONS AND TECHNOLOGIES IN MANUFACTURING, Book Series: Applied Mechanics and Materials, Volume: 657 Pages:188-192,DOI:10.4028/www.scientific.net/AMM.657.188, Published: 2014
3	Zichil V., <b>Judele A.</b> , Albut A., Sava A., Lozovanu P., Noise and vibration pollution reduction to a mineral aggregates station trough rim optimization in order to align at EU legislation, Applied Mechanics and Materials, ISSN 1662-7482, vol. 657, pp 941-945, 2014
4	Savin, C., Zichil, V., <b>Judele, A.</b> „The experimental study of structural viscosity which characterized the non-Newtonian food mixtures and process optimatization using finite element method” în 17th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing, Date: NOV 08-11, 2006 Vienna AUSTRIA, 17th International DAAAM Symposium Pages: 363-364 Published: 2006; ISSN 1726-9687
<b>Articole publicate în reviste indexate BDI</b>	
1	<b>Judele A.</b> , Zichil V., Pavel A.- Experimental study, using strain gauge technique, for stress measurement on 45 <sup>0</sup> angular tubular branched structures - Buletinul Universitatii Petrol-gaze din Ploiesti ISSN 1224-8495, Vol LXIV • No. 4/2012, Pag. 31-39
2	Zichil V., Nedeff V., Schnakovszky C., Savin C., <b>Judele A.</b> - The influence of the temperature upon stress distribution at chuck plate white circular stress concentrator, using finite element method, Metalurgia International, ISSN 1582-2214, vol XIII. Nr. 10/2008, p.28
3	Zichil V., Savin C., Nastasescu V., <b>Judele A.</b> , Pintilie G., Albut A., Analyssis of the fracture conditions at thin wall aluminium pipes, 9-th International research/expert conference, TMT 2005, Antalya, Turkey.
4	Zichil V., Savin C., <b>Judele A.</b> , Albuț A., - Comparative study upon fracture resistance at femoral and tibia bones, for different age persons - 11th Internnatioal Research /ExpertConference, TMT 2007, Tunisia ISBN 995861734-X, 2007, pag. 1071
5	Zichil, V. Savin C., <b>Judele A.</b> - F.E.M. analysis upon the chassis of RD 19.256 truck – static loading, RaDMI 2006, Budva, Montenegro, September 2006, 2006, pag. D-39
6	Zichil, V. Savin C., <b>Judele A.</b> - F.E.M. analysis upon the chassis of RD 19.256 truck - dynamic loading, RaDMI 2006, Budva, Montenegro, September 2006, 2006, pag. D-39
7	Savin, C., Zichil, V., <b>Judele, A.</b> “Methods of determination of the structuralviscosity for the binary phases non-newtonian mixtures”, în the

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8	Zichil V., <b>Judele A.</b> , Cotirlet A, Dobreci L., Correlations between sound pressure and internal energy able to prevent breakage of parts that work with dynamic loads – INMATEH, vol 42, no.3, 2013
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10	Zichil V., <b>Judele A.</b> , Albut A., Schnakovszky C., Sava A., Lozovanu P., Internal energy use in calculating the lifetime of 2P armor steel, Applied Mechanics and Materials, ISSN 1662-7482, vols. 809-810, pp 537-542, 2015
11	Bibire, L., <b>Judele, A.</b> , Cobrea, C., Influența Momentului de torsiune asupra Stabilității Aparatelor tip coloană, Construcția de Mașini, 2002 (54), nr. 1-2, pg. 36.
12	<b>Judele, A.</b> Modelling And Optimization In The Machines Building Field - Advantages and disadvantages of yield criteria for anisotropic materials - sintesis, Modelling And Optimization In The Machines Building Field, Nr 11, Vol 1, 2005, MOCM200511V01S01A0023 [0000322]

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Semnătura,