



TECHNICKÁ UNIVERZITA V KOŠICIACH
Fakulta výrobných technológií

Prehľad preukázateľných citácií a ohlasov na vedecké
a odborné práce

Ing. František Botko, PhD.
Prešov, 2022

1. Prehľad preukázateľných citácií a ohlasov na vedecké a odborné práce od rôznych zahraničných autorov

Web of Science™, SCOPUS Citations	
Title	Comparison of the influence of acoustically enhanced pulsating water jet on selected surface integrity characteristics of CW004A copper and CW614N brass
Authors	BOTKOVÁ, Dominika - KLICHOVÁ, Dagmar - FOLDYNA, Josef - HLOCH, Sergej - HVIZDOŠ, Pavol - FIDES, Martin - BOTKO, František
Source information	Measurement. Vol. 110 (2017), p. 230-238
<p>[1] HOU, Rongguo et al. Experimental study of the ultrasonic vibration-assisted abrasive waterjet micromachining the quartz glass In: Advances in Materials Science and Engineering (2018), Art. no. 8904234 ISSN: 1687-8434 DB: WOS</p> <p>[2] LIU, Xiaochu et al. Waterjet machining and research developments: a review In: International Journal of Advanced Manufacturing Technology Vol. 102, no. 5-8 (2019), p. 1257-1335 ISSN: 0268-3768 DB: WOS</p> <p>[3] ZELENÁK, Michal - RIHA, Zdenek - JANDACKA, Petr Visualization and velocity analysis of a high-speed modulated water jet generated by a hydrodynamic nozzle In: Measurement Vol. 159 (2020), art no. 107753 ISSN: 0263-2241 DB: WOS</p> <p>[4] ANSARI, M.A., ABDI BEHNAGH, R., SALVADORI, A. Numerical analysis of high-speed water jet spot welding using the arbitrary Lagrangian-Eulerian (ALE) method In: International Journal of Advanced Manufacturing Technology DOI: 10.1007/s00170-020-06358-8 (2020) ISSN: 0268-3768 DB: Scopus</p> <p>[5] Miao, X., Zhang, C., Wu, M., Ma, C., & Wang, Q. (2022). Application of a water jet for cleaning grease and improving the surface adhesion properties of galvanized steel wire ropes. Scientific Reports, 12(1), 1-11.</p>	
Title	Pulsating water jet erosion effect on a brass flat solid surface
Authors	BOTKOVÁ, Dominika - KLICH, Jiří - BOTKO, František - FOLDYNA, Josef - HLOCH, Sergej - KEPIČ, Ján - KOVÁL, Karol - KREJČÍ, Lucie - ŠTORKÁN, Zdeněk
Source information	International Journal of Advanced Manufacturing Technology. Vol. 97, no. 1-4 (2018), p. 1099-1112
<p>[1] LIU, Xiaochu et al. Waterjet machining and research developments: a review In: International Journal of Advanced Manufacturing Technology Vol. 102, no. 5-8 (2019), p. 1257-1335 ISSN: 0268-3768 DB: WOS</p> <p>[2] PEREC, Andrzej - RADOMSKA-ZALAS, Aleksandra Modeling of Abrasive Water Suspension Jet Cutting Process Using Response Surface Method In: TKI 2018 : 15th Conference Computational Technologies in Engineering : Book series: AIP Conference Proceedings : Jora Wielka, 16-19 October, 2018 Vol. 2078 (2019), article no. UNSP 020051 ISSN: 0094-243X ISBN: 978-0-7354-1806-6 DB: WOS</p> <p>[3] PEREC, Andrzej Investigation of Limestone Cutting Efficiency by the Abrasive Water Suspension Jet In: ICMEM 2018 : International Conference on Manufacturing Engineering and Materials : Novy Smokovec, 18-22 Jun, 2018 P. 124-134 ISBN: 978-3-319-99353-9 DB: WOS</p> <p>[4] LIANG, Zhongwei et al. Adaptive Prediction of Abrasive Impacting Pressure Effectiveness in Strengthen Jet Grinding using NSAE-ANFIS In: International Journal of Advanced Manufacturing Technology Vol. 106, no. 7-8 (2020), p. 2805-2828 ISSN: 0268-3768 DB: WOS</p> <p>[5] LIN, B., WANG, Z., WANG, R. Fracture extension and coal breaking performance by high-pressure gas-liquid jet flow In: Zhongguo Kuangye Daxue Xuebao/ Journal of China University of Mining and Technology Vol. 49, no. 1 (2020), p. 1-12 ISSN: 1000-1964 DB: Scopus</p> <p>[6] AMEGADZIE, M. Y., MOREAU, E. D., CHRISTENSEN, B. et al.: Ultrasonic pulsed waterjet surface peening of an industrial aluminum-based metal matrix composite In: SURFACE & COATINGS TECHNOLOGY vol.426, (2021) ISSN:0257-8972 eISSN:1879-3347 Doi:10.1016/j.surfcoat.2021.127795</p>	

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Title	Technological assurance of high-efficiency machining of Internal rope threads on CNC milling machines
Authors	NESHTA, Anna - KRYVORUCHKO, Dmytro - HATALA, Michal - IVANOV, Vitalii - BOTKO, František - RADCHENKO, Svetlana - MITAL', Dušan
Source information	Journal of manufacturing science and engineering : Transactions of the ASME B. Journal of manufacturing science. - New York (USA) : ASME Press Roč. 140, č. 7 (2018), s. 1-36
[1] KUSHNIROV, Pavlo et al. Investigation of the dynamic state of adjustable milling heads In: Lecture Notes in Mechanical Engineering : Advances in Design, Simulation and Manufacturing 2 P. 169-179 ISSN: 2195-4356 ISBN: 978-3-030-22365-6 DB: WOS	
[2] Yeh, S. S., & Chen, C. W. (2021). Integrated Design of Spindle Speed Modulation and Cutting Vibration Suppression Controls Using Disturbance Observer for Thread Milling. Materials, 14(21), 6656.	
Title	Ergonomic rationalization of lighting in the working environment. Part I.: Proposal of rationalization algorithm for lighting redesign
Authors	DUPLÁKOVÁ, Darina - FLIMEL, Marián - DUPLÁK, Ján - HATALA, Michal - RADCHENKO, Svetlana - BOTKO, František
Source information	International Journal of Industrial Ergonomics. - Amsterdam (Holandsko) : Elsevier, 1986 Roč. 71 (2019), s. 92-102
[1] CIMINO, C., NEGRI, E., FUMAGALLI, L. Review of digital twin applications in manufacturing In: Computers in Industry Vol. 113 (2019), article no. 103130 ISSN: 0166-3615 DB: Scopus	
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Title	Prediction model of surface roughness parameters of structural steel created by plasma arc cutting via full factor experiment

Authors	DUPLÁK, Ján - HATALA, Michal - DUPLÁKOVÁ, Darina - BOTKO, František
Source information	Materialwissenschaft und Werkstofftechnik = Materials Science and Engineering Technology. - Weinheim (Nemecko) : Wiley-VCH Roč. 50, č. 10 (2019), s. 1207-1220
<p>[1] CHUAH, Yon Jin et al. Surface Modifications to Polydimethylsiloxane Substrate for Stabilizing Prolonged Bone Marrow Stromal Cell Culture In: Colloids and Surfaces B-Biointerfaces Vol. 191 (2020), art. no. 110995 ISSN: 0927-7765 DB: WOS</p> <p>[2] MANGARAJ, Soumya Ranjan, BAGAL, Dilip Kumar, PARHI, Nirmalya, BARUA, Abhishek et al.: Experimental study of a portable plasma arc cutting system using hybrid RSM-nature inspired optimization technique In: MATERIALS TODAY-PROCEEDINGS : Phagwara vol.50, (2022) p.867-878 ISSN:2214-7853 Doi:10.1016/j.matpr.2021.06.138</p> <p>[3] AGBONOGA, Ekhaesomi A. Effect of Process Parameters on the Surface Roughness and Kerf Width of Mild Steel during Plasma Arc Cutting Using Response Surface Methodology In: FUOYE Journal of Engineering and Technology Vol. 5, no. 1 (2020), p. 67-71 ISSN: 2579-0625</p> <p>[4] Priyadarshini, M., Vishwanatha, H. M., Biswas, C. K., Singhal, P., Buddhi, D., & Behera, A. (2022). Effect of grey relational optimization of process parameters on surface and tribological characteristics of annealed AISI P20 tool steel machined using wire EDM. International Journal on Interactive Design and Manufacturing (IJIDeM), 1-10.</p>	
Title	Comparison of ultrasonically enhanced pulsating water jet erosion efficiency on mechanical surface treatment on the surface of aluminum alloy and stainless steel
Authors	BOTKOVÁ, Dominika - KLICH, Jiří - BOTKO, František - SIMKULET, Vladimír - FOLDYNA, Josef - KREJČÍ, Lucie - ŠTORKÁN, Zdeněk - KEPIČ, Ján - HATALA, Michal
Source information	The International Journal of Advanced Manufacturing Technology. - Berlin (Nemecko) : Springer International Publishing AG Roč. 103, č. 5-8 (2019), s. 1647-1656
<p>[1] PORTARO, R., SADEK, J., NG, H.D. On the application of gas detonation-driven water jet for material surface treatment proces In: Manufacturing Letters Vol. 21 (2019), p. 70-74 ISSN: 2213-8463 DB: Scopus</p> <p>[2] PEREC, A. et al. Multi-criteria Optimization of the Abrasive Waterjet Cutting Process for the High-Strength and Wear-Resistant Steel Hardox® 500 In: Lecture Notes in Mechanical Engineering P. 145-154 (2021) ISSN: 2195-4356 ISBN: 978-303053490-5 DB: Scopus</p> <p>[3] AMEGADZIE, M. Y., MOREAU, E. D., CHRISTENSEN, B. et al.: Ultrasonic pulsed waterjet surface peening of an industrial aluminum-based metal matrix composite In: SURFACE & COATINGS TECHNOLOGY vol.426, (2021) ISSN:0257-8972 eISSN:1879-3347 Doi:10.1016/j.surfcoat.2021.127795</p> <p>[4] PEREC, Andrzej, WATROBSKI, J, SALABUN, W et al.: Multiple Response Optimization of Abrasive Water Jet Cutting Process using Response Surface Methodology (RSM) In: KNOWLEDGE-BASED AND INTELLIGENT INFORMATION & ENGINEERING SYSTEMS (KSE 2021) : Szczecin vol.192, (2021) p.931-940 ISSN:1877-0509 Doi:10.1016/j.procs.2021.08.096</p> <p>[5] Perec, A., & Musial, W. (2021, June). Multiple Criteria Optimization of Abrasive Water Jet Cutting Using Entropy-VIKOR Approach. In International Conference on Manufacturing Engineering and Materials (pp. 50-62). Springer, Cham.</p>	
Title	Effect of pulsating water jet disintegration on hardness and elasticity modulus of austenitic stainless steel AISI 304L
Authors	BOTKOVÁ, Dominika - BOTKO, František - KLICH, Jiří - SITEK, Libor - HVIZDOŠ, Pavol - FIDES, Martin - ČEP, Robert
Source information	The International Journal of Advanced Manufacturing Technology. - Berlin (Nemecko) : Springer International Publishing AG Roč. 107, č. 5-6 (2020), s. 2719-2730
<p>[1] LANTO, Jennifer Milaor, VAFADAR, Ana, AAMIR, Muhammad et al.: Analysis and Optimization of Process Parameters in Abrasive Waterjet Contour Cutting of AISI 304L In: METALS vol.11, no.9 (2021) eISSN:2075-4701 Doi:10.3390/met11091362</p> <p>[2] Yao, S., Wang, G., Li, K., Wang, N., Zhang, C., Liu, S., ... & Tu, S. (2022). Cavitation abrasive integrated waterjet peening process and the effect of process parameters on the surface integrity of TA19 titanium alloy. Surface and Coatings Technology, 440, 128477.</p>	

Title	Effect of friction coefficient change on internally shaped tubes drawing process using finite elements method
Authors	BOTKO, František - BELLA, Peter - HATALA, Michal - BERAXA, Pavol - BOTKOVÁ, Dominika - ŠUŤÁK, Dušan
Source information	Materialwissenschaft und Werkstofftechnik = Materials Science and Engineering Technology. - Weinheim (Nemecko) : Wiley-VCH Roč. 51, č. 7 (2020), s. 948-956 [print, online]. - ISSN 0933-5137
[1] Belarhzal, Samya, Boudi, El Mostapha Effect of profile shift factor on contact stress and natural frequencies of spur gear In: International Review on Modelling and Simulations = IREMOS Roč. 13, č. 6 (2020), 400-409 [print] ISSN: 1974-9821 DB: Scopus	
Title	Qualitative evaluation of machined surface of aluminum alloy AlCu4Mg1 depend on feed rate
Authors	BOTKO, František - HATALA, Michal - MITALOVÁ, Zuzana - ČEP, Robert - RIMÁR, Miroslav - BERNÁT, Andrej - VÝBOŠTEK, Jaroslav
Source information	Manufacturing Technology. - Ústí nad Labem (Česko) : Univerzita Jana Evangelisty Purkyně v Ústí nad Labem Roč. 18, č. 2 (2018), s. 201-207
[1] HAUSNEROVÁ, B., Sanétník, D., PATA, V. Surface properties of powder injection moulded parts related to processing conditions In: Manufacturing Technology Vol. 18, no. 6 (2018), p. 895-899 ISSN: 1213-2489 DB: Scopus	
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[3] Lipinski, Tomasz Effect of Sr, Ti and B additions as powder and a preliminary alloy with Al on microstructure and tensile strength AlSi9Mg alloy In: Manufacturing Technology Roč. 19, č. 5 (2019), s. 807-812 [print, online] ISSN: 1213-2489 DB: Scopus	
Title	Effect of Traverse Speed on Surface Roughness Parameters after Laser Cutting of Non-alloy Structural Steel
Authors	HATALA, MICHAL - DUPLÁK, JAN - DUPLÁKOVÁ, DARINA - BOTKO, FRANTISEK
Source information	TEM Journal, Vol. 8, No. 2, p. 402-408, 2019
[1] MILEŞAN, Mihaela et al. Mathematical Modelling Study of Hardox400 Steel Parts' Roughness and Hardness, Cut with CO ₂ Laser In: Strojnicki Vestnik-Journal of Mechanical Engineering Vol. 66, no. 2 (2020), p. 127-141 ISSN: 0039-2480 DB: WOS	
Title	Influence of Residual Stress Induced in Steel Material on Eddy Currents Response Parameters
Authors	BOTKO, František - ZAJAC, Jozef - CZÁN, Andrej - RADCHENKO, Svetlana - BOTKOVÁ, Dominika - DUPLÁK, Ján
Source information	Advances in Manufacturing II : Volume 4 - Mechanical Engineering. - Cham (Švajčiarsko) : Springer Nature s. 551-560
[1] Bai, Peigen et al. Joint effect of residual stress and plastic deformation on pulsed eddy current response signals in 304 austenitic stainless steel In: International Journal of Applied Electromagnetics and Mechanics Roč. 63, č. 1 (2020), 19-30 [print] ISSN: 1383-5416 DB: WOS	
[2] ELBAKIAN, Anri et al. Reasons for the formation of non-fibrous inclusions when preparing basalt fibers by the duplex method In: Materials Vol. 13, no. 21 (2020), art no. 5033 ISSN: 1996-1944 DB: WOS	
Title	Evaluation of strain in cold drawing of tubes with internally shaped surface
Authors	HATALA, Michal - BOTKO, František - PETERKA, Jozef - BELLA, Peter - RADIČ, Pavol
Source information	International conference on Nanomaterials and Biomaterials. - Amsterdam (Holandsko) : Elsevier s. 287-292 [online]. - ISSN 2214-7853

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Title	Surface integrity evaluation of brass CW614N after impact of acoustically excited pulsating water jet
Authors	BOTKOVÁ, Dominika - KLICH, Jiří - FOLDYNA, Josef - HLOCH, Sergej - HVIZDOŠ, Pavol - FIDES, Martin - BOTKO, František - CÁRACH, Ján
Source information	Procedia Engineering : ICMEN 2016. - S.l. : Elsevier, 2016 S. 236-244
<p>[1] POPAN, I.A., CONTIU, G., CAMPBELL, I. Investigation on standoff distance influence on kerf characteristics in abrasive water jet cutting of composite materials In: MATEC Web of Conferences : MTeM - AMaTUC 2017 : 13th International Conference on Modern Technologies in Manufacturing : Cluj-Napoca, 12-13 October, 2017 Vol. 137 (2017), art. number 01009 ISSN: 2261-236X ISBN: 978-275989027-9 DB: Scopus [2] LIU, Xiaochu et al. Waterjet machining and research developments: a review In: International Journal of Advanced Manufacturing Technology Vol. 102, no. 5-8 (2019), p. 1257-1335 ISSN: 0268-3768 DB: WOS</p>	
Title	Hydro-abrasive disintegration of alloy Monel K-500 - the influence of technological and abrasive factors on the surface quality
Authors	CÁRACH, Ján - HLOCH, Sergej - HLAVÁČEK, Petr - GOMBÁR, Miroslav - KLICHOVÁ, Dagmar - BOTKO, František - MITAL', Dušan - BOTKOVÁ, Dominika
Source information	Procedia Engineering : ICMEM 2016. - S.l.. : Elsevier , 2016 Vol. 149 (2016), p. 17-23.
<p>[1] UTHAYAKUMAR, M. et al. Performance Study of LaPO4-Y2O3 Composite Fabricated by Sol-Gel Process Using Abrasive Waterjet Machining In: Handbook of Research on green engineering techniques for modern manufacturing : Advances in Mechatronics and Mechanical Engineering P. 143-161 ISSN: 2328-8205 ISBN: 978-1-5225-5446-2 DB: WOS [2] ARAVINDAN, M. et al. Handbook of Research on Green Engineering Techniques for Modern Manufacturing Foreword In: Handbook of Research on green engineering techniques for modern manufacturing : Advances in Mechatronics and Mechanical Engineering ISSN: 2328-823X ISBN: 978-1-5225-5446-2 DB: WOS [3] LIU, Xiaochu, LIANG, Zhongwei, WEN, Guilin et al.: Waterjet machining and research developments: a review (vol 102, pg 1257, 2019) In: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY vol.102, no.5-8 (2019) p.1337-1338 ISSN:0268-3768 eISSN:1433-3015 Doi:10.1007/s00170-019-03556-x [4] BALAMURUGAN, K. et al. Process optimisation and exhibiting correlation in the exploitable variable of AWJM In: International Journal of Materials and Product Technology Vol. 61, no. 1 (2020), p. 16-33 ISSN: 0268-1900 DB: WOS [5] BACHCHHAV, Bhanudas Investigation on Abrasive Water Jet Machining of Al-Al2O3 MMC In: International Journal of Industrial Engineering and Production Research Vol. 32, no.1 (2021), p. 93-103 ISSN: 2345-363X [6] SINGH, Navneet K., ANG, Andrew S. M., MAHAJAN, Dhiraj K., SINGH, Harpreet: Cavitation erosion resistant nickel-based cermet coatings for monel K-500 In: TRIBOLOGY INTERNATIONAL vol.159, (2021) ISSN:0301-679X eISSN:1879-2464 Doi:10.1016/j.triboint.2021.106954 [7] SINGH, Navneet K., KUMAR, Avneesh, ANG, Andrew S. M., SINGH, Harpreet et al.: Characterization and Slurry Erosion Mechanisms of Nickel-Based Cermet Coatings on Monel K-500 In: JOURNAL OF THERMAL SPRAY TECHNOLOGY vol.30, no.8 (2021) p.2138-2154 ISSN:1059-9630 eISSN:1544-1016 Doi:10.1007/s11666-021-01267-y</p>	

2. Prehľad preukázateľných citácií a ohlasov na vedecké a odborné práce (WoS)

Web of Science™ Citations	
Title	Comparison of the influence of acoustically enhanced pulsating water jet on selected surface integrity characteristics of CW004A copper and CW614N brass
Authors	BOTKOVÁ, Dominika - KLICHOVÁ, Dagmar - FOLDYNA, Josef - HLOCH, Sergej - HVIZDOŠ, Pavol - FIDES, Martin - BOTKO, František
Source information	Measurement. Vol. 110 (2017), p. 230-238
<p>[1] HOU, Rongguo et al. Experimental study of the ultrasonic vibration-assisted abrasive waterjet micromachining the quartz glass In: <i>Advances in Materials Science and Engineering</i> (2018), Art. no. 8904234 ISSN: 1687-8434 DB: WOS</p> <p>[2] LIU, Xiaochu et al. Waterjet machining and research developments: a review In: <i>International Journal of Advanced Manufacturing Technology</i> Vol. 102, no. 5-8 (2019), p. 1257-1335 ISSN: 0268-3768 DB: WOS</p> <p>[3] ZELENÁK, Michal - RIHA, Zdenek - JANDACKA, Petr Visualization and velocity analysis of a high-speed modulated water jet generated by a hydrodynamic nozzle In: <i>Measurement</i> Vol. 159 (2020), art no. 107753 ISSN: 0263-2241 DB: WOS</p> <p>[4] Čuha, D., & Hatala, M. (2022). Effect of a modified impact angle of an ultrasonically generated pulsating water jet on aluminum alloy erosion using upward and downward stair trajectory. <i>Wear</i>, 500, 204369.</p> <p>[5] Miao, X., Zhang, C., Wu, M., Ma, C., & Wang, Q. (2022). Application of a water jet for cleaning grease and improving the surface adhesion properties of galvanized steel wire ropes. <i>Scientific Reports</i>, 12(1), 1-11.</p> <p>[6] Miao, X., Long, T., Wu, M., Ma, C., & Wang, Q. (2022). Study on the process of abrasive water jet peening for 316L stainless steel. <i>The International Journal of Advanced Manufacturing Technology</i>, 1-8.</p> <p>[7] Michalik, P., Fabianova, J., Hrabovsky, L., Maslarić, M., Straka, L., & Macej, J. (2021). Assessment of a robot base production using CAM programming for the FANUC control system. <i>Open Engineering</i>, 11(1), 922-928.</p> <p>[8] Duplak, J., Duplakova, D., Hatala, M., Radchenko, S., & Sukic, E. (2021). Surveying the topography and examining the quality of the machined surface of selected hardened steels in the milling process. <i>Journal of Engineering Research</i>, 9(3B).</p> <p>[9] Ansari, M. A., Abdi Behnagh, R., & Salvadori, A. (2021). Numerical analysis of high-speed water jet spot welding using the arbitrary Lagrangian-Eulerian (ALE) method. <i>The International Journal of Advanced Manufacturing Technology</i>, 112(1), 491-504.</p> <p>[10] Tirpak, P., Michalik, P., Dobransky, J., Macej, J., & Petrus, M. (2019). Intelligent programming of robotic flange production by means of CAM programming. <i>Open Engineering</i>, 9(1), 571-579.</p> <p>[11] Tirpak, P., Michalik, P., Zajac, J., Molnar, V., Knezo, D., & Petruš, M. (2019, May). Evaluation of the Longitudinal Roughness of the Thin-Walled Cooler for the Robot Control System Made Using CAM Programming. In <i>International Scientific-Technical Conference MANUFACTURING</i> (pp. 285-296). Springer, Cham.</p> <p>[12] Michalik, P., Molnár, V., Ambrozy, M., Petruš, M., & Tirpak, P. (2019). Assessment of the production reducer for clamping the drilling tools. In <i>Advances in Manufacturing Engineering and Materials</i> (pp. 557-566). Springer, Cham.</p>	
Title	Pulsating water jet erosion effect on a brass flat solid surface
Authors	BOTKOVÁ, Dominika - KLICH, Jiří - BOTKO, František - FOLDYNA, Josef - HLOCH, Sergej - KEPIČ, Ján - KOVÁL, Karol - KREJČÍ, Lucie - ŠTORKÁN, Zdeněk
Source information	<i>International Journal of Advanced Manufacturing Technology</i> . Vol. 97, no. 1-4 (2018), p. 1099-1112

- [1] LIU, Xiaochu et al. Waterjet machining and research developments: a review In: International Journal of Advanced Manufacturing Technology Vol. 102, no. 5-8 (2019), p. 1257-1335 ISSN: 0268-3768 DB: WOS
- [2] PEREC, Andrzej - RADOMSKA-ZALAS, Aleksandra Modeling of Abrasive Water Suspension Jet Cutting Process Using Response Surface Method In: TKI 2018 : 15th Conference Computational Technologies in Engineering : Book series: AIP Conference Proceedings : Jora Wielka, 16-19 October, 2018 Vol. 2078 (2019), article no. UNSP 020051 ISSN: 0094-243X ISBN: 978-0-7354-1806-6 DB: WOS
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Title	Technological assurance of high-efficiency machining of Internal rope threads on CNC milling machines
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Authors	DUPLÁK, Ján - HATALA, Michal - DUPLÁKOVÁ, Darina - BOTKO, František
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Title	Comparison of ultrasonically enhanced pulsating water jet erosion efficiency on mechanical surface treatment on the surface of aluminum alloy and stainless steel
Authors	BOTKOVA, Dominika - KLICH, Jiří - BOTKO, František - SIMKULET, Vladimír - FOLDYNA, Josef - KREJČÍ, Lucie - ŠTORKÁN, Zdeněk - KEPIČ, Ján - HATALA, Michal
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Title	Influence of Residual Stress Induced in Steel Material on Eddy Currents Response Parameters
Authors	BOTKO, František - ZAJAC, Jozef - CZÁN, Andrej - RADCHENKO, Svetlana - BOTKOVÁ, Dominika - DUPLÁK, Ján
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Authors	CÁRACH, Ján - HLOCH, Sergej - HLAVÁČEK, Petr - GOMBÁR, Miroslav - KLICHOVÁ, Dagmar - BOTKO, František - MITAL, Dušan - BOTKOVÁ, Dominika
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