



TECHNICKÁ UNIVERZITA V KOŠICIACH
Fakulta výrobných technológií

Prehľad preukázateľných citácií a ohlasov na vedecké a odborné práce

Ing. Jozef Husár, PhD.

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Prehľad preukázateľných citácií a ohlasov na vedecké a odborné práce indexovaných
v databáze Web of Science od rôznych zahraničných autorov

Web of Science™ Citations	
Title	Implementation of Augmented Reality into the Training and Educational Process in Order to Support Spatial Perception in Technical Documentation
Authors	KAŠČAK, Jakub - TÖRÖKOVÁ, Monika - TÖRÖK, Jozef - BARON, Petr - ZAJAC, Jozef - HUSÁR, Jozef
Source information	2019 IEEE 6TH INTERNATIONAL CONFERENCE ON INDUSTRIAL ENGINEERING AND APPLICATIONS (ICIEA), p.583-587, 2019
	<p>[1] Gong, Liang, Fast-Berglund, Asa, Johansson, Bjorn A Framework for Extended Reality System Development in Manufacturing In: IEEE Access : practical innovations, open solutions Roč. 9 (2021), p. 24796-24813 ISSN: 2169-3536</p> <p>[2] Sukhodub, Leonid et al. ZnO coatings on Ti6Al4V substrate: Structural and antibacterial properties in literature review and research In: Management systems in production engineering Roč. 28, č. 4 (2020), s. 318-324 ISSN: 2299-0461</p> <p>[3] Dengen, Nathaniel et al. an Augmented Reality Model Physical Transformation Learning In: 2019 INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS AND INFORMATION ENGINEERING (ICEEIE) 255-259 ISBN: 978-1-7281-4160-2 (online)</p> <p>[4] ZALOGA, Viliam et al. Enhancing efficiency by implementation of integrated management system in order to align organisational culture and daily practice In: Management Systems in Production Engineering Vol. 28, no. 4 (2020), p. 304-311 ISSN: 2299-0461</p>
Title	Material recycling of some automobile plastics waste
Authors	KNAPČÍKOVÁ, Lucia - BALOG, Michal - HUSÁR, Jozef - SZILÁGYI, Eri
Source information	Przemysl Chemiczny. Vol. 95, no. 9, p.1716-1720, 2016
	<p>[1] CZARNECKA-KOMOROWSKA, Dorota et al. Recycling of Plastics from Cable Waste from Automotive Industry in Poland as an Approach to the Circular Economy In: Polymers Vol.13, no.21 (2021), art.no.3845 ISSN: 2073-4360</p>
Title	Evaluation of Foreign Languages Teaching in LMS Conditions by Facility and Discrimination Index
Authors	HUSAR, JOZEF – DUPLAKOVA, DARINA
Source information	TEM Journal, Vol. 5, No. 1, p.44-49, 2016
	<p>[1] Bystrenina, Irina - Nikitin, Petr Adaptive Knowledge Control in Digital Learning as a Factor in Improving the Quality of Education In: Education Sciences Vol.12, no.10 (2022), art. no. 638 ISSN: 2227-7102</p> <p>[2] LI, Mengfan - Wang, Ting - Lu, Wei - Wang, Mengke Optimizing the Systematic Characteristics of Online Learning Systems to Enhance the Continuance Intention of Chinese College Students In Sustainability Vol.14, no.18 (2022), art. no. 11774 ISSN: 2071-1050</p> <p>[3] VILLEGAS-Ch, William - GARCIA-ORTIZ, Joselin - SANCHEZ-Viteri, Santiago Proposal for the Analysis of the State of Learning in University Students with the Inclusion of ICT in the Classroom In: Information Vol.13, no.8 (2022), art. no. 391 ISSN: 2078-2489</p> <p>[4] KONSTANTAKIS, Markos et al. An Exploratory Study of Mobile-Based Scenarios for Foreign Language Teaching in Early Childhood In: Education Sciences Vol.12, no.5 (2022), art. no. 306 ISSN: 2227-7102</p>

<p>[5] CUEVA, Andrea – Inga, Esteban Information and Communication Technologies for Education Considering the Flipped Learning Model In: Education Sciences Vol.12, no.3 (2022), art. no. 207 ISSN: 2227-7102</p> <p>[6] YONG, Han et al. Online Blended Learning in Small Private Online Course In: Applied Sciences Vol. 11, no. 15 (2021), art. no. 7100 ISSN: 2076-3417</p> <p>[7] VILLEGAS-CH, William et al. Analysis of Educational Data in the Current State of University Learning for the Transition to a Hybrid Education Model In: Applied Sciences Vol. 11, no. 5 (2021), art. no. 2068 ISSN: 2076-3417</p> <p>[8] MA, Yongqiang et al. Research on the construction and optimization of distributed Moodle course platform In: Computer Applications in Engineering Education DOI: 10.1002/cae.22276 ISSN: 1061-3773</p> <p>[9] BILOTSEKOVETS, Marina - GUBINA, Oksana Target Language Teaching by Means of E-Learning: A Case Study In: Revista Romaneasca Pentru Educatie Multidimensionala Vol. 11, no. 4 (2019), p. 17-29 ISSN: 2066-7329</p>	
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Authors	LAZÁR, Ivan - HUSÁR, Jozef
Source information	Journal on Efficiency and Responsibility in Education and Science. Vol. 5, no. 4, p. 252-261, 2012
<p>[1] Castaneda-Mancillas, Edson E. et al. A Design Proposal: Virtual Reality Environment for Safety Training in Electrical Substations In: ADVANCES IN MANUFACTURING III, VOL 2: PRODUCTION ENGINEERING: RESEARCH AND TECHNOLOGY INNOVATIONS, INDUSTRY 4.0, pp. 278-291, 2022 ISSN 2195-4356</p>	
Title	Polylactic Acid and Its Cellulose Based Composite as a Significant Tool for the Production of Optimized Models Modified for Additive Manufacturing
Authors	KAŠČAK, Jakub - GAŠPÁR, Štefan - PAŠKO, Ján - HUSÁR, Jozef - KNAPČÍKOVÁ, Lucia
Source information	Sustainability, Vol. 13, Issue 3, p. 1256, 2021
<p>[1] Kumar, Ramesh et al. Experimental and RSM-Based Process-Parameters Optimisation for Turning Operation of EN36B Steel In: Materials, Vol.16, Nb.1, 339 (2023) ISSN: 1996-1944</p> <p>[2] Garrido, Ricard et al. Potential Use of Cow Manure for Poly(Lactic Acid) Production In: Sustainability, Vol.14, Nb.24, 16753 (2022) ISSN 2071-1050</p> <p>[3] Petousis, Markos et al. Multifunctional Material Extrusion 3D-Printed Antibacterial Polylactic Acid (PLA) with Binary Inclusions: The Effect of Cuprous Oxide and Cellulose Nanofibers In: Fibers, Vol. 10, Nb.5, 52 (2022). ISSN 2079-6439</p> <p>[4] Stepanova, Mariia - Korzhikova-Vlakh, Evgenia Modification of Cellulose Micro- and Nanomaterials to Improve Properties of Aliphatic Polyesters/Cellulose Composites: A Review In. Pomyly, Vol.14, Nb.7, 1477 (2022). ISSN 2073-4360</p> <p>[5] Ivchenko, Oleksandr et al. Method for an Effective Selection of Tools and Cutting Conditions during Precise Turning of Non-Alloy Quality Steel C45 In: Materials Vol.15, Nb 2, 505 (2022) ISSN 1996-1944</p>	
Title	Research and Evaluation of the Influence of the Construction of the Gate and the Influence of the Piston Velocity on the Distribution of Gases into the Volume of the Casting
Authors	MAJERNÍK, Ján - GAŠPÁR, Štefan - HUSÁR, Jozef - PAŠKO, Ján - KOLINSKY, Jan
Source information	Materials, Vol. 14, Issue 9, 2264, 2021

[1]	Shinde, Sachin M. et al. On efficient electrode design and manufacturing techniques for hot die steel inserts In: INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING Early Access (2022) ISSN 1955-2513
[2]	Huang, Mingyu et al. Die Casting Die Design and Process Optimization of Aluminum Alloy Gearbox Shell In: Materials Roč. 14, č. 14 (2021)[online] ISSN: 1996-1944
Title	Verification of sequential patterns in production using information entropy
Authors	LAZÁR, Ivan - HUSÁR, Jozef
Source information	Tehnički vjesnik - Technical Gazette. Vol. 20, no. 4, p. 669-676, 2013
[1]	STASZAK, Zaneta - GRZES, Zenon - RYBACKI, Piotr A method of comparative studies on checkup sets to evaluate the technical condition of tractors In: Maintenance and Reliability Vol. 20, no. 3 (2018), p. 450-454 ISSN: 1507-2711
Title	Adoption of ILIAS web learning system for distance education
Authors	BEDNÁR, Slavomír - HUSÁR, Jozef - HRICOVÁ, Romana - LIPTÁKOVÁ, Andrea - MARTON, Dávid
Source information	11th IEEE International Conference on Emerging eLearning Technologies and Applications, (ICETA 2013),p.139-144, 2013
[1]	AL-MUSHARRAF, Ashwaq - ALKHATTABI, Mona An educational data mining approach to explore the effect of using interactive supporting features in an LMS for overall performance within an online learning environment In: International Journal of Computer Science and Network Security Vol. 16, no. 3 (2016), p. 1-13 ISSN: 1738-7906
Title	Design of an atypical construction of equipment for additive manufacturing with a conceptual solution of a printhead intended for the use of recycled plastic materials
Authors	KAŠČAK, Jakub - GAŠPÁR, Štefan - PAŠKO, Ján - KNAPČÍKOVÁ, Lucia - HUSÁR, Jozef - BARON, Petr - TÖRÖK, Jozef
Source information	Applied sciences, Vol. 11, Issue 7, 2928, 2021
[1]	Castaneda-Mancillas, Edson E. A Design Proposal: Virtual Reality Environment for Safety Training in Electrical Substations In: ADVANCES IN MANUFACTURING III, VOL 2: PRODUCTION ENGINEERING: RESEARCH AND TECHNOLOGY INNOVATIONS, INDUSTRY 4.0, PP. 278-291 (2022) ISSN 2195-4356
[2]	Dezaki, Mohammadreza Lalegani et al. Influence of Infill Patterns Generated by CAD and FDM 3D Printer on Surface Roughness and Tensile Strength Properties In: Applied sciences Roč. 11, č. 16 (2021)[online] ISSN: 2076-3417 (online)
Title	POSSIBILITIES OF USING AUGMENTED REALITY IN WAREHOUSE MANAGEMENT: A STUDY
Authors	HUSÁR, Jozef - KNAPČÍKOVÁ, Lucia
Source information	Acta Logistica, Vol. 8, Issue 2, p.133-139, 2021
[1]	Zhang, Jun - Zhang, Xueyan - Zhang, Ning Considering pickers' learning effects in selecting between batch picking and batch-synchronized zone picking for online-to-offline groceries In: APPLIED MATHEMATICAL MODELLING Vol. 113, p.358-375 (2023) ISSN 0307-904X
Title	Influence of Gating System Parameters of Die-Cast Molds on Properties of Al-Si Castings

Authors	GAŠPÁR, Štefan – CORANIČ, Tomáš – MAJERNIK, Ján - HUSÁR, Jozef- KNAPČÍKOVÁ, Lucia – GOJDAN Dominik - PAŠKO, Ján
Source information	Materials, Vol. 14, Issue 13, 3755, 2021
	<p>[1] Shinde, Sachin M. et al. On efficient electrode design and manufacturing techniques for hot die steel inserts In: NTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING Early Access (2022) ISSN 1955-2513</p> <p>[2] Alrobei, Hussein et al. Effects of gating design on structural and mechanical properties of high manganese steel by optimizing casting process parameters In: Journal of Mechanical Science and Technology Vol. 36, Nb.8, p.3931-3937 (2022) ISSN 1738-494X</p>
Title	Implementation of Material Flow Simulation as a Learning Tool
Authors	HUSÁR, Jozef- KNAPČÍKOVÁ, Lucia – BALOG, Michal
Source information	ADVANCES IN DESIGN, SIMULATION AND MANUFACTURING, p. 33-41, 2019
	[1] Kiyko, Sergey et al. LOGISTICS CONTROL OF THE RESOURCES FLOW IN ENERGY-SAVING PROJECTS: CASE STUDY FOR METALLURGICAL INDUSTRY In: Acta Logistica, Vol.7 Nb.1, p. 49-60 (2020) ISSN1339-5629
Title	Hand Tracking in Extended Reality Educational Applications
Authors	BUN, Pawel - HUSÁR, Jozef- KAŠČAK, Jakub
Source information	ADVANCES IN MANUFACTURING III, VOL 2: PRODUCTION ENGINEERING: RESEARCH AND TECHNOLOGY INNOVATIONS, INDUSTRY 4.0, p. 317-325, 2022
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Source information	2019 IEEE 6TH INTERNATIONAL CONFERENCE ON INDUSTRIAL ENGINEERING AND APPLICATIONS (ICIEA), p.583-587, 2019
<p>[1] Kascak, Jakub et al. Conceptual Use of Augmented Reality in the Maintenance of Manufacturing Facilities In: ADVANCES IN MANUFACTURING III, VOL 2: PRODUCTION ENGINEERING: RESEARCH AND TECHNOLOGY INNOVATIONS, INDUSTRY 4.0, pp. 241-252, 2022</p> <p>[2] Dobransky, Jozef, Pollak, Martin Monitoring and Evaluation of the Production Process of Automotive Connectors In: TEM Journal : Technology, Education, Management, Informatics Roč. 10, č. 2 (2021), p. 900-907 ISSN: 2217-8309</p> <p>[3] Gong, Liang, Fast-Berglund, Asa, Johansson, Bjorn A Framework for Extended Reality System Development in Manufacturing In: IEEE Access : practical innovations, open solutions Roč. 9 (2021), p. 24796-24813 ISSN: 2169-3536</p> <p>[4] Sukhodub, Leonid et al. ZnO coatings on Ti6Al4V substrate: Structural and antibacterial properties in literature review and research In: Management systems in production engineering Roč. 28, č. 4 (2020), s. 318-324 ISSN: 2299-0461</p> <p>[5] Dengen, Nathaniel et al. an Augmented Reality Model Physical Transformation Learning In: 2019 INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS AND INFORMATION ENGINEERING (ICEEIE) 255-259 ISBN: 978-1-7281-4160-2 (online)</p> <p>[6] ZALOGA, Viliam et al. Enhancing efficiency by implementation of integrated management system in order to align organisational culture and daily practice In: Management Systems in Production Engineering Vol. 28, no. 4 (2020), p. 304-311 ISSN: 2299-0461</p> <p>[7] KUZNETSOV, E., NAHORNYI, V., KRENICKY, T. Gas flow simulation in the working gap of impulse gas-barrier face seal In: Management Systems in Production Engineering Vol. 28, no. 4 (2020), p. 298-303 ISSN: 2299-0461</p> <p>[8] DOBRANSKY, Jozef - POLLAK, Martin - DOBOS, Zigmund Assessment of Production Process Capability in the Serial Production of Components for the Automotive Industry In: Management Systems in Production Engineering Vol. 27, no. 4 (2019), p. 255-258 ISSN: 2299-0461</p>	
Title	Material recycling of some automobile plastics waste
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Source information	Przemysl Chemiczny. Vol. 95, no. 9, p.1716-1720, 2016
<p>[1] CZARNECKA-KOMOROWSKA, Dorota et al. Recycling of Plastics from Cable Waste from Automotive Industry in Poland as an Approach to the Circular Economy In: Polymers Vol.13, no.21 (2021), art.no.3845 ISSN: 2073-4360</p> <p>[2] MESAROS, Peter et al. Adaptive design of formworks for building renovation considering the sustainability of construction in BIM environment-case study In: Sustainability Vol. 13, no. 2 (2021), art. no. 799 ISSN: 2071-105</p> <p>[3] MANDIČAK, Tomas et al. Impact of Information and Communication Technology on Sustainable Supply Chain and Cost Reducing of Waste Management in Slovak Construction In: Sustainability Vol. 13, no. 14 (2021), art. no. 7966 ISSN: 2071-105</p> <p>[4] MESAROS, Peter et al. Use of BIM technology and impact on productivity in construction project management In: Wireless Networks, Early Access, ISSN 1022-0038</p>	

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<p>[1] Kovbasiuk, Kateryna - Balog, Michal - Zidek, Kamil Designing an Automated Assembly Workplace in a Simulation Environment In: ADVANCES IN MANUFACTURING III, VOL 2: PRODUCTION ENGINEERING: RESEARCH AND TECHNOLOGY INNOVATIONS, INDUSTRY 4.0, pp. 25-49, 2022 ISSN 2195-4356</p> <p>[2] Demcak, Jakub et al. The Experimental SMART Manufacturing System in SmartTechLab In: ADVANCES IN MANUFACTURING III, VOL 2: PRODUCTION ENGINEERING: RESEARCH AND TECHNOLOGY INNOVATIONS, INDUSTRY 4.0, pp. 228-238, 2022 ISSN 2195-4356</p> <p>[3] Castaneda-Mancillas, Edson E. et al. A Design Proposal: Virtual Reality Environment for Safety Training in Electrical Substations In: ADVANCES IN MANUFACTURING III, VOL 2: PRODUCTION ENGINEERING: RESEARCH AND TECHNOLOGY INNOVATIONS, INDUSTRY 4.0, pp. 278-291, 2022 ISSN 2195-4356</p> <p>[4] GAŠPAR, Štefan et al. Influence of Gating System Parameters of Die-Cast Molds on Properties of Al-Si Castings 2021. In: Materials, Vol. 14,Nb. 13 (2021) ISSN 1996-1944</p> <p>[5] ŽIDEK, Kamil et al. Cnn training using 3d virtual models for assisted assembly with mixed reality and collaborative robots In: Applied Sciences Vol. 11, no. 9 (2021), art. no. 4269 ISSN: 2076-3417</p> <p>[6] ŽIDEK, Kamil et al. Digital Twin of Experimental Smart Manufacturing Assembly System for Industry 4.0 Concept In: Sustainability Vol. 12, no. 9 (2020), art.no. 3658 ISSN: 2071-1050</p> <p>[7] FLIMEL, Marián - DUPLÁKOVÁ, Darina Ergonomic rationalization of transmitted vibration to hands of the workers In: Journal of Vibration and Control Vol. 23, no. 4 (2017), p. 517-525 ISSN: 1077-5463</p> <p>[8] LAZAR, Ivan et al. Verification of sequential patterns in production using information entropy In: Tehnički vjesnik - Technical Gazette. Vol. 20, no. 4 (2013), p. 669-676. - ISSN 1330-3651</p>	
Title	Investigation of used Conveyor Belts by the Differential Scanning Calorimetry Analysis
Authors	KNAPČÍKOVÁ, Lucia - BALOG, Michal - MINĐAŠ, Miroslav - HUSÁR, Jozef
Source information	TEM Journal. Vol. 5, no. 1, p. 21-24., 2016
<p>[1] GASPAR, Stefan - PASKO, Jan, Technological Aspects of Returnable Material Introducing within Die Casting Technology In: TEM JOURNAL-TECHNOLOGY EDUCATION MANAGEMENT INFORMATICS 5 (4) , pp.441-445 (2016) ISSN 2217-8309</p> <p>[2] KNAPČÍKOVÁ, Lucia et al. Material recycling of some automobile plastics waste In: Przemysl Chemiczny 95 (9) , pp.1716-1720 (2016) ISSN 0033-2496</p> <p>[3] GASPAR, Stefan - PASKO, Jan - MAJERNIK, Jan Specific Pressure and Mechanical Properties of the Alternator Flange from EN AC 47100 Alloy in HPDC Technology In: TEM Journal-Technology Education Management Informatics Vol. 5, no. 2 (2016), p. 160-164 ISSN: 2217-8309</p>	
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<p>[7] Petousis, Markos et al. Multifunctional Material Extrusion 3D-Printed Antibacterial Polylactic Acid (PLA) with Binary Inclusions: The Effect of Cuprous Oxide and Cellulose Nanofibers In: <i>Fibers</i>, Vol. 10, Nb.5, 52 (2022). ISSN 2079-6439</p> <p>[8] Stepanova, Mariia - Korzhikova-Vlakh, Evgenia Modification of Cellulose Micro- and Nanomaterials to Improve Properties of Aliphatic Polyesters/Cellulose Composites: A Review In. <i>Pomylers</i>, Vol.14, Nb.7, 1477 (2022). ISSN 2073-4360</p> <p>[9] Ivchenko, Oleksandr et al. Method for an Effective Selection of Tools and Cutting Conditions during Precise Turning of Non-Alloy Quality Steel C45 In: <i>Materials</i> Vol.15, Nb 2, 505 (2022) ISSN 1996-1944</p> <p>[10] Coranic, Tomas, Mascenik, Jozef STRENGTH ANALYSIS OF SCREW CONVEYOR DRIVE In: <i>MM SCIENCE JOURNAL</i>, Vol. 2021 pp. 5488-5491 (2021) ISSN: 1803-1269</p> <p>[11] Pollak, Martin, Kocisko, Marek, Basistova, Anna Experimental Production of Composite Fiber for Additive Production Technology In: <i>TEM Journal : Technology, Education, Management, Informatics</i> Roč. 10, č. 2 (2021), 939-946 ISSN: 2217-8309</p> <p>[12] GASPAR, Stefan et al. Influence of Gating System Parameters of Die-Cast Molds on Properties of Al-Si Castings In: <i>Materials</i>, Vol. 14, Nb.13, 3755, ISSN 1996-1944</p> <p>[13] Kasčák, Jakub et al. Design of an Atypical Construction of Equipment for Additive Manufacturing with a Conceptual Solution of a Printhead Intended for the Use of Recycled Plastic Materials, <i>APPLIED SCIENCES</i>, Vol.11, Nb.7, 2928, ISSN 2076-3417</p>	
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Authors	MAJERNÍK, Ján - GAŠPÁR, Štefan - HUSÁR, Jozef - PAŠKO, Ján - KOLINSKY, Jan
Source information	Materials, Vol. 14, Issue 9, 2264, 2021
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