

doc. PaedDr. Janka Medová, PhD.

Zoznam najvýznamnejších publikácií

1 Knižné publikácie

Zuzana Naštická, Lenka Šubová, Kitti Páleníková a Janka Medová : CLIL vo vyučovaní matematiky ; Nitra : UKF, 2018. - 114 s. - ISBN 978-80-558-1363-9.

Janka Medová, Kristína Ovary Bulková, Silvia Haringová : Spolupráca ako prostriedok profesijného rastu vzdelávateľov učiteľov matematiky v kontexte matematických prechádzok ; - 1. vyd. - Nitra : UKF, 2025. - 84 s. - ISBN 978-80-558-2268-6.

Ľubomíra Valovičová, Janka Medová : Budúci učiteľ STEM predmetov v procese spoločnej tvorby: Neformálne vzdelávanie ako nástroj profesijného učenia sa. - Nitra : UKF, 2025. - 102 s. - ISBN 978-80-600-1912-9.

Kitti Vidermanová, Janka Melušová, Ján Šunderlík : Metódy riešenia matematických úloh ; recenzent: Júlia Záhorská, Stanislava Beláková. - 1. vyd. - Nitra : UKF, 2013. - 80 s. - ISBN 978-80-558-0032-5.

Janka Medová, Soňa Čeretková, Marek Varga : Aktuálne trendy vo vyučovaní matematiky ; recenzent: Vlastimil Chytrý, Ľubomíra Valovičová. - 1. vyd. - Nitra : UKF, 2022. - 92 s. - ISBN 978-80-558-1982-2.

Kitti Páleníková a kol : Matematika a CLIL : úlohy a aktivity pre CLIL vyučovanie matematiky. - Nitra : UKF, 2018. - 106 s. - ISBN 978-80-558-1364-6.

Ana M. Abril et al. : Inquiry-based learning in maths and science classes : What it is and how it works - examples - experiences. - 1.vyd. - Freiburg : PH Freiburg, 2013. - 83 s. - ISBN 978-3-00-043851-6.

Onofrio Rosario Battaglia et al : MaT2SMC: Materials for Teaching Together : Science and Mathematics Teachers collaborating for better results. - 1. vyd. - Olomouc : UP, 2019. - 133 p. - ISBN 978-80-244-4950-0.

Kristína Ovary Bulková, Janka Medová, Soňa Čeretková a Anna Tirpáková : Hodnocení matematických kompetencí při řešení otevřených matematických problémů ; - 1. vyd. - Zlín : UTB, 2021. - 118 s. - ISBN 978-80-7678-045-3.

Ondrej Šedivý a kol. : Zbierka zaujímavých, zábavných a aplikačných úloh z matematiky. - Nitra : UKF, 2008. - 140 s. - ISBN 978-80-8094-421-6.

Gabriela Pavlovičová a kol : Experimentujeme v elementárnej matematike. - Nitra : UKF, 2012. - 122 s. - ISBN 978-80-558-0126-1.

Silvia Haringová, Janka Medová, Soňa Čeretková : Matematické prechádzky: tvorba – námety – realizácia. - 1. vyd. - Nitra : UKF, 2023. - 87 s. - ISBN 978-80-558-2130-6.

Kateřina Jančaříková a kol : Didaktické zásady v přírodovědném vzdělávání : metodická příručka pro učitele biologie, chemie, fyziky, geografie, informatiky, matematiky a lektory environmentální výchovy ; recenzent: Lukáš Rokoš, Ján Šunderlík. - 1. vyd. - Praha : Univerzita Karlova, 2022. - 158 s. - ISBN 978-80-7603-289-7.

2 Publikácie vo vedeckých časopisoch indexovaných vo Web of Science alebo Scopus

Vlastimil Chytrý, Jaroslav Říčan, Janka Medová : How Teacher's Progressiveness in Using Digital Technologies Influences Levels of Pupils' Metacognitive Knowledge in Mathematics, 2019.

In. Mathematics. - ISSN 2227-7390, Roč. 7, č. 12 (2019), s. 1-17.

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Janka Medová et al : Undergraduate Students' Solutions of Modeling Problems in Algorithmic Graph Theory, 2019. DOI 10.3390/math7070572.

In. Mathematics. - ISSN 2227-7390, Vol. 7, no. 7 (2019), p. 1-16.

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Ľubomíra Valovičová et al : Enhancing computational thinking through interdisciplinary STEAM activities using tablets, 2020.

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Zuzana Kurucová, Janka Medová, Anna Tirpáková : The effect of different online education modes on the English language learning of media studies students, 2018. DOI <https://doi.org/10.1080/2331186X.2018.1523514>.

In. Cogent Education. - ISSN 2331-186X, Roč. 5, č. 1 (2018), s. 1-13.

[Kurucová Zuzana (34%) - Medová Janka (33%) - Tirpáková Anna (33%)]

Janka Medová, Jana Bakusová : Application of Hierarchical Cluster Analysis in Educational Research : Distinguishing between Transmissive and Constructivist Oriented Mathematics Teachers, 2019.

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[Medová Janka (80%) - Bakusová Jana (20%)]

Ľubomíra Valovičová, Janka Medová : Tailoring Empirical Inquiry in Physics to Pupils' Needs according to their Knowledge about Density and Statistical Literacy, 2019. DOI 10.18421/TEM84-47.

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Jaroslav Říčan, Vlastimil Chytrý, Janka Medová : Aspects of self-regulated learning and their influence on the mathematics achievement of fifth graders in the context of four different proclaimed curricula, 2022. DOI 10.3389/fpsyg.2022.963151.

In. Frontiers in Psychology. - ISSN 1664-1078, Roč. 13 (2022), s. 1-15.

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Janka Medová et al : Designing Activities to Develop Statistical Literacy in Primary Pupils While Conducting Physics Laboratory Work in Informal Settings, 2022. DOI 10.3390/educsci12040246.

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Janka Medová et al : Constraints and Opportunities of Co-Designing an Interdisciplinary MathCityMap Trail, 2025. DOI 10.3390/educsci15040410.

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[Medová Janka (25%) - Bočková Veronika (25%) - Haringová Silvia (25%) - Valovičová Ľubomíra (25%)]

Eva Pupíková et al : How Kindergarten Teachers Assess Their Own Professional Competencies, 2021. DOI 10.3390/educsci11120769.

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Ľubomíra Valovičová et al : Affordances of technology-supported trails in education of pre-service primary teachers in physics, 2024. DOI 10.1088/1742-6596/2715/1/012027.

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Janka Melušová, Kitti Vidermanová : Upper-secondary Students' Strategies for Solving Combinatorial Problems, 2015. DOI 10.1016/j.sbspro.2015.07.223.

In. Procedia - Social and Behavioral Sciences : 7th World Conference on Educational Sciences, Proceedings from Scientific Conference, Athens February 5, 2015 – February 7, 2015. - ISSN 1877-0428, Vol. 197 (2015), p. 1703-1709.

Janka Medová, Ľubomír Rybanský, Zuzana Naštická, Kitti Páleníková : Error analysis of undergraduate students' solutions of graph algorithm problems; 2017.

In. Efficiency and Responsibility in Education 2017 : Proceedings of the 14th International Conference held in Prague, Czech Republic on 8th-9th June 2017. - Prague : Czech University of Life Sciences, 2017. - ISBN 978-80-213-2762-7, P. 230-237.

Janka Medová, Kristína Bulková, Soňa Čeretková : Identification of crucial competencies in mathematical inquiry, 2018.

In. ERIE 2018 : Proceedings of the 15th International Conference, Prague 7-8 June 2018. - Praha : Czech University of Life Sciences, 2018. - ISBN 978-80-213-2858-7, P. 203-212.

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Janka Medová, Kristína Bulková, Soňa Čeretková : Analysis of differences between teachers' activity during their regular and constructivist lessons ; 2020.

In. ed. Uffe Thomas Jankvist, Marja van den Heuvel-Panhuizen, Michiel VeldhuiCERME 11 : Proceedings of the Eleventh Congress of the European Society for Research in Mathematics Education, Utrecht, 5 - 10 February 2019. - Utrecht : Utrecht University, 2020. - ISBN 978-90-73346-75-8, P. 3680-3687.

Janka Medová : Algorithms in mathematics education, 2022.

In. Proceedings of the Twelfth Congress of the European Society for Research in Mathematics Education (CERME 12) : 02.02.2022-05.02.2022, Bolzano. - Bolzano : Free University of Bolzano, 2022. - ISBN 979-1-22-102537-8, P. 67-71.

Janka Medová, Gregor Milicic, Matthias Ludwig : Graph problems as a means for accessing the abstraction skills, 2022.

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Janka Medová, Kristína Bulková, Ján Šunderlík a Soňa Čeretková : Analysis of Mentoring Situation Between Mathematics Teacher Educators During Collaborative Course for Professional Development for In-Service Mathematics Teachers ; 2020.

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