

1. Šujanová, J. – Samáková, J. – Cagáňová, D. – Čambál, M. – Pavlendová, G.: 2020 Competence Model of Slovak Industrial Engineers. In: Toyotarity: People, Processes, Quality Improvement. – Alba Iulia : Aetermitas Publishing House, 2013. – ISBN 978-606-613-079-0. – pp. 41-50 (in English)
2. Baník, I. – Popescu, M., Chalcogenide Glasses in the Frame of the Barrier-Cluster and Local Heating Model, In: Journal of Optoelectronics and Advanced Materials – Vol. 15, No. 11 – 12, Nov. – Dec. 2013, pp.1179-1184 (in English)
3. Baník, I. – Lukovičová, J. – Pavlendová, G. – Sarkar, B. K.: Compensation Effect in the Amorphous Hydrogenated Silicon from Point of View of the Barrier – Cluster Model. In: Acta Electrotechnica et Informatica. – ISSN 1335-8243. – Vol. 13, No. 1 (2013), pp. 26-31 (in English)
4. Baník, I. – Lukovičová, J. – Pavlendová, G. – Baník, R.: Compensation Effect in Kinetics of Crystallization in Disordered Materials. In: Chalcogenide Letters [online]. – ISSN 1584-8663. – Vol.10, No.11 (2013), pp. 455-466 (in English)
5. Chovancová, M.: Motivational Experiments with Membranes in the Context of Physics Education. In: International Journal of Education and Research [electronic source]. – ISSN 2201-6740. – Vol. 1, No. 6 (2013), pp. 95-102 (in English)
6. Chovancová, M.: Popularization of Physics and Motivational Pictorial Task. In: International Journal of Education and Research [electronic source]. – ISSN 2201-6740. – Vol. 1, No. 5 (2013), pp. 119-123 (in English)
7. Podoba R.- Štubňa I. – Podobník Ľ.- Bačík P.: Research on Historical Bricks from a Baroque Church. In: Journal of Thermal Analysis and Calorimetry. – ISSN 1388-6150. – Vol. 114, No. 1, pp. 78 -85 (in English)
8. Podoba R. – Štubňa I. – Trnovcová V. – Trník A.: Temperature Dependence of DCE Electrical Conductivity of Kaolin. In Journal of Thermal Analysis and Calorimetry. – ISSN 1388-6150. – Vol. 114, No. 1, pp. 149-158 (in English)
9. Baník, I. The Role of Nano-Local Heating in Photoinduced Structural Changes in Chalcogenide Glasses from the Point of View of a Barrier-Cluster-Heating Model. In: Thermophysics 2013: Conference Proceedings. 18th International Meeting of Thermophysical Society. Podkylava, SR, 13.-15.11.2013. – Brno : Brno University of Technology, 2013. – ISBN 978-80-214-4801-8. pp. 32-39 (in English)
10. Baník, I. Photoinduced Changes in Chalcogenide Glasses on the Basis of a Barrier-Cluster-Heating Model. Proceeding of International Conference ADEPT 2013, Advances in Electronic and Photonic Technologies 2013, Novy Smokovec, High Tatras, June 2-5, 2013, University of Zilina, Ed.: D.Pubis, I.Letrichova, L. Suslik, J.Kovac, A.Vincze, Zilina, Slovakia, 2013. – ISBN 978-80-554-0689-3. pp. 201-206 (in English)
11. Baník, I. – Chovancová, M. – Pavlendová, G.: Home Experiments of Pupils and Students – a Way to Increase the Interest of Young People in Physics, Engineering and Science. In: HSCI 2013. 10th International Conference on Hands-On Science: Proceedings. Košice, SR, 1.-5.7.2013. – Košice : University of Pavla Jozefa Šafárika v Košiciach, 2013. – ISBN 978-989-98032-2-0. pp. 96-101 (in English)
12. Baník, I. – Chovancová, M. – Pavlendová, G.: Electromagnetic Forces in Nontraditional Experiments. In: Creative Physics Teacher VI.: National Physics Festival 2013.

- Smolenice, SR, 7.-10.4.2013. – Bratislava : Slovak Physical Society, 2013. – ISBN 978-80-971450-0-2. pp. 15-26 (in Slovak)
13. Chovancová, M.: Creativity and Motivation in Physics Education. In: HSCI 2013. 10th International Conference on Hands-On Science : Proceedings. Košice, SR, 1.-5.7.2013. – Košice : University of Pavla Jozefa Šafárika in Košice, 2013. – ISBN 978-989-98032-2-0. pp. 92-95 (in English)
 14. Chovancová, M.: Picture's Motivational Tool in Physics. In: Creative Physics Teacher VI.: National Physics Festival 2013. Smolenice, SR, 7.- 10.4.2013. – Bratislava Slovak Physical Society, 2013. – ISBN 978-80-971450-0-2. pp. 138-143 (in Slovak)
 15. Baník, I.- Pavlendová, G. – Sarkar, B. K. – Verma, A. S.: Thermo Mechanical Properties of Be Chalcogenides from Density Functional Theory. In: Thermophysics 2013 : Conference Proceedings. 18th International Meeting of Thermophysical Society. Podkylava, SR, 13.-15.11.2013. – Brno : Brno University of Technology, 2013. – ISBN 978-80-214-4801-8. pp. 154-161 (in English)
 16. Pavlendová, G. – Baník, I. – Chovancová, M.: The Importance of Simple Experiments in University Education. In: Creative Physics Teacher VI.: National Physics Festival 2013. Smolenice, SR, 7.-10.4.2013. – Bratislava : Slovak Physical Society, 2013. – ISBN 978-80-971450-0-2. pp. 215-226 (in Slovak)
 17. Podoba, R. – Trník, A. – Štubňa, I.: DC Conductivity of Waste Calcite – Clay Ceramics in the Temperature Range of 30 – 1050 °C. In: 35th International Czech and Slovak Calorimetry Seminar: Proceedings. Třeboň, ČR, 27.-31.5.2013. – Pardubice: University of Pardubice, 2013. – ISBN 978-80-7395-611-0. pp. 93-96 (in Slovak)
 18. Baník, I. – Lukovičová, J. – Pavlendová, G. – Podoba, R.: Some Open Problems in Physics of Disordered Materials (and Their Possible Solutions on the Base of the Barrier-Cluster-Heating Model). In: TIM – 2012 International Physics Conference: Timisoara, Romania, 27.-30.11.2012.: AIP Publishing, 2013. – ISBN 978-07354-1192-0. pp. 117-122 (in English)
 19. Baník, I. – Lukovičová, J. – Pavlendová, G.: Self-Diffusion on Pd(111) from the Point of View of the Band Model of Diffusion. In: DSL 2013 [electronic source] : 9th International Conference on Diffusion in Solids and Liquids. Abstract Book.Madrid, Spain, 24.-28.6.2013. – : [B.m.], 2013 (<http://www.dsl-conference.com>). pp. 262-263 (in English)
 20. Šín, P.- Podoba, R. – Štubňa, I: Mechannical Properties of Alumina Porcelain During Heating. In: TIM – 2013 International Physics Conference [electronic source]: Abstract Book. Timisoara, Romania, 21.-24.11.2013. – Timisoara: West University of Timisoara, 2013. p.73 (in English)
 21. Baník, I. – Lukovičová, J. – Šín, P.: Barrier-Cluster-Heating Model and Photoinduced Phenomena in Chalcogenide Glasses. In: TIM – 2013 International Physics Conference [electronic source]: Abstract Book. Timisoara, Romania, 21.-24.11.2013. – Timisoara: West University of Timisoara, 2013. p. 132 (in English)
 22. Lukovičová, J. – Pavlendová, G. – Baník, I. – Podoba, R.: Determination of Poroelastic Parameters of Porous Building Materials. In: DSL 2013 [electronic source]: 9th International Conference on Diffusion in Solids and Liquids. Abstract book. Madrid, Spain, 24.-28.6.2013. – : [B.m.], 2013 (<http://www.dsl-conference.com>). p. 207 (in English)
 23. Pavlendová, G. – Podoba, R. – Lukovičová, J. – Baník, I.: Testing Historic Bricks Using the Method of Accelerated Ageing. In: TIM – 2013 International Physics conference

[electronic source] : Abstract Book. Timisoara, Romania, 21.-24.11.2013. – Timisoara: West University of Timisoara, 2013. p. 98 (in English)

24. Podoba R. – Štubňa I.- Podobník Ľ.: Application of Thermal Analyses for Historical Building Ceramics. In: Book of Abstracts of the 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEECTAC2), 27-30 Aug. 2013, Vilnius, Lithuania. Greifswald: Academica Greifswald. 2013, p. 37. ISBN 978-3-940237-33-0 (in English)
25. Podoba R. – Podobník Ľ. – Štubňa I.: Thermal Study of Building Materials from the Church in Pác. In: Thermophysics 2013: Conference proceedings. 18th International Meeting of Thermophysical Society. Podkylava, SR, 13.-15.11.2013. – Brno: Brno University of Technology, 2013. – ISBN 978-80-214-4801-8. pp. 154-161 (in English)
26. Podoba R. – Štubňa I. – Trnovcová V.: DC Thermoelectrometry of Kaolin. In Book of Abstracts of the 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC2), 27-30 Aug. 2013, Vilnius, Lithuania. Greifswald: Academica Greifswald, 2013, p. 82. ISBN 978-3-940237-33-0 (in English)