

БИБЛИОГРАФИЈА КАНДИДАТА

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M10 – Монографије и монографске студије

M11 – Истакнута монографија међународног значаја

1. Milenkovic, M., & Bojovic, N. (2020). Optimization Models for Rail Car Fleet Management. Elsevier. ISBN: 9780128151549; <https://doi.org/10.1016/C2017-0-03011-2>

M14 – Поглавље у књизи M12/ рад у тематском зборнику од међународног значаја

1. Milenković, M., Švadlenka, L., Bojović, N., & Melichar, V. (2016). Railway investment appraisal techniques. In Handbook of Research on Emerging Innovations in Rail Transportation Engineering (pp. 1-25). IGI Global Press. <http://www.igi-global.com/book/handbook-research-emerging-innovations-rail/142127>. ISBN: 978-1-5225-0084-1.

Монографија

1. Milenković, M., & Bojović, N. (2016). Railway demand forecasting. In Handbook of Research on Emerging Innovations in Rail Transportation Engineering (pp. 26-50). IGI Global Press. <http://www.igi-global.com/book/handbook-research-emerging-innovations-rail/142127>. ISBN: 978-1-5225-0084-1.

M20 – Радови међународног значаја

M21a – Рад у врхунском међународном часопису

1. Jovanović, P., Kecman, P., Bojović, N., & Mandić, D. (2016). Optimal allocation of buffer times to increase train schedule robustness. *European Journal of Operational Research*, 256(1), 44-54.
2. Petrović, N., Bojović, N., & Petrović, J. (2016). Appraisal of urbanization and traffic on environmental quality. *Journal of CO2 Utilization*, 16, 428-430.
3. Milenković, M., Bojović, N., Švadlenka, L., & Melichar, V. (2015). A stochastic model predictive control to heterogeneous freight car fleet sizing problem. *Transportation Research Part E*, 82, 162-198.
4. Andrejić, M. M., Bojović, N. J., & Kilibarda, M. (2013). Benchmarking distribution centres using Principal Component Analysis and Data Envelopment Analysis: A case study of Serbia. *Expert Systems With Applications*, 40(10), 3926-3933.
5. Milenković, M., & Bojović, N. (2013). A fuzzy random model for rail freight car fleet sizing problem. *Transportation Research Part C*, 33, 107-133.
6. Vujanović, D. B., Momčilović, V. M., Bojović, N. J., & Papić, V. D. (2012). Evaluation of vehicle fleet maintenance management indicators by application of DEMATEL and ANP. *Expert Systems With Applications*, 39(12), 10552-10563.
7. Bojović, J. N., Bosković, B., Milenković, M., & Sunjic, A. (2010). A two-level approach to the problem of rail freight car fleet composition. *Transport*, 25(2), 186-192.

M21 – Рад у врхунском међународном часопису

1. Simić, V., Dabic-Ostojić, S., & Bojovic, N. (2017). Interval-parameter semi-infinite programming model for used tire management and planning under uncertainty. *Computers & Industrial Engineering*, 113, 487-501.
2. Andrejić, M., Bojović, N., & Kilibarda, M. (2016). A framework for measuring transport efficiency in distribution centers. *Transport Policy*, 45, 99-106.
3. Dabić, S., Miljuš, M., Bojović, N., Glišović, N., & Milenković, M. (2014). Applying a mathematical approach to improve the tire retreading process. *Resources Conservation and Recycling*, 86, 107-117.
4. Ivanović, I., Grujičić, D., Macura, D., Bojović, N., & Jović, J. (2013). One approach for road transport project selection. *Transport Policy*, 25, 22-29.

M22 – Рад у истакнутом међународном часопису

1. Milenković, M., Val, S., & Bojović, N. (2023). Simultaneous lot sizing and scheduling in the animal feed premix industry. *Operational Research*, 23(2). Springer Science and Business Media LLC.
2. Sayarshad, H.R., Mahmoodian, V., & Bojović, N. (2021). Dynamic Inventory Routing and Pricing Problem with a Mixed Fleet of Electric and Conventional Urban Freight Vehicles. *Sustainability*, 13, 6703.
3. Petrović, N., Bojović, N., Petrović, M., & Jovanović, V. (2020). A Study of the Environmental Kuznets Curve for Transport Greenhouse Gas Emissions in the European Union. *Facta Universitatis, Series: Mechanical Engineering*, 18(3), 513-524.
4. Milenković, M., Milosavljević, N. S., Bojović, N., & Susana, V. (2019). Container flow forecasting through neural networks based on metaheuristics. *Operational Research*, 21(2), 965-997.
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6. Jovanović, V., Tica, S., Filipović, S., & Bojović, N. (2011). The quality of service level of mass passenger public transport station. *African Journal of Business Management*, 5(12), 4891-4900.
7. Kujačić, M., Bojović, N., & Macura, D. (2010). Organizational design of a post office using analytic network process. *Scientific Research and Essays*, 5(10), 1194-1212.
8. Bojović, N., Milenković, M., Macura, D., & Nuhodžić, R. (2010). Organizational design of a rail company using fuzzy ANP. *African Journal of Business Management*, 4(8), 1494-1499.
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M23 – Рад у међународном часопису

1. Petrović, N., Bojović, N., Marinković, D., Jovanović, V., & Milanović, S. (2023). A Two-Phase Model for the Evaluation of Urbanization Impacts on Carbon Dioxide Emissions from Transport in the European Union. *Tehnički vjesnik / Technical Gazette*, 30(2), 514-520.
2. Milenković, M., Gligorić, M., Bojović, N., & Gligorić, Z. (2023). A comparison between ARIMA, LSTM, ARIMA-LSTM and SSA for cross-border rail freight traffic forecasting: the case of Alpine-Western Balkan Rail Freight Corridor. *Transportation Planning and Technology*, 47(1), 89-112. Informa UK Limited.
3. Bošković, B., Bugarinović, M., & Bojović, N. (2022). How to Design Track Access Charges for Small Railways – A Montenegro Case Study. *Promet*, 34(4). Faculty of Transport and Traffic Sciences.

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6. Macura, D., Kapetanović, M., Knežević, N., & Bojović, N. (2019). Rail Projects Ranking under Fuzzy Environment: Serbian Rail Projects Case Study. *International Journal of Transport Economics*, 46(4).
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8. Milenković, M., Švadlenka, L., Melichar, V., Bojović, N., & Avramović, Z. (2016). SARIMA modelling approach for railway passenger flow forecasting. *Transport*, 31(1), 1-8.
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12. Milenković, M., Bojović, N., Ribeiro, R. A., Glišović, N. (2012). A Fuzzy Simulated Annealing Approach for Project Time-Cost Tradeoff. *Journal of Intelligent and Fuzzy Systems*, 23, 203–215.
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14. Bojković, N., Macura, D., Pejčić-Tarle, S., & Bojović, N. (2011). A Comparative Assessment of Transport-Sustainability in Central and Eastern European Countries with a Brief Reference to the Republic of Serbia. *International Journal of Sustainable Transportation*, 5(6), 319-344.
15. Macura, D., Bošković, B., Bojović, N., & Milenković, M. (2011). A model for prioritization of rail infrastructure projects using ANP. *International Journal of Transport Economics*, 38(3), 285-309.
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M24 – Рад у часопису међународног значаја

1. Petrović, N., Bojović, N., Petrović, M., & Jovanović, V. (2020). A study of the Environmental Kuznets Curve for transport greenhouse gas emissions in the European Union. *Facta Universitatis, Series: Mechanical Engineering*, 18(3), 513-524.
2. Bojović, N., Milenković, M., Kapetanović, M., & Knežević, N. (2016). Innovations impact on efficiency of European railway companies. *Management*, 79, 13-25.
3. Milenković, M., & Bojović, N. (2014). A Recursive Kalman Filter Approach to Forecasting Railway Passenger Flows. *International Journal of Railway Technology*, 3(4), 39-57.
4. Dabić-Ostojić, S., Miljuš, M., Bojović, N., & Vidanović, N. (2013). Decision support for the choice of tire manufacturer. *FME Transactions*, 41(1), 72-76.

5. Bojović, N., Kujačić, M., & Macura, D. (2010). Organization design of a post office using analytic network process. *Scientific Research and Essays*, 5(10), 1194-1212.
6. Bojović, N., & Milenković, M. (2008). The Best Rail Fleet Mix Problem. *Operational Research: An International Journal*, 8(1), 77-87.
7. Trubint, N., Ostojić, L., & Bojović, N. (2006). Determining an optimal retail location by using GIS. *Yugoslav Journal of Operations Research*, 16, 253-264.
8. Kujačić, M., & Bojović, N. (2003). Organization design of post corporation structure using fuzzy multicriteria decision theory. *Computational and Mathematical Organization Theory*, 9, 5-18.
9. Bojović, N. (2000). Application of optimization techniques to the railroad empty car distribution process: A survey. *Yugoslav Journal of Operations Research*, 10, 63-74.
10. Gladović, P., & Bojović, N. (2000). A methodology for introducing new types of tickets in an urban public transport. *International Journal of Transport Economics*, 27(3), 381-399.
11. Avramović, Z., & Bojović, N. (1995). Influence of a precise mass measurement on shunting wagon target velocity. *Bulletins for Applied Mathematics, BAM* 1098/95, 303-310.
12. Avramović, Z., Šelmić, R., Kostić, D., & Bojović, N. (1994). Electronic measurement of moving railway vehicles masses. *Bulletins for Applied Mathematics, BAM* 1045/94, 27-34.

M30 – Међународни научни скупови

M33 – Саопштење са међународног скупа штампано у целини

1. Macura, D., & Bojović, N. (2016). Railway infrastructure development in Serbia – Challenges and opportunities. In Proceedings of the International Scientific-Expert Conference on Railways "RAILCON'16" (pp. 125-128). Niš, Serbia.
2. Macura, D., Kapetanovic, M., Bojović, N., & Milošević, M. (2016). One model for rail projects evaluation with interval-valued fuzzy numbers. In Proceedings of the 4th International Conference on Road and Rail Infrastructure (CETRA 2016) (pp. 447-454). Šibenik, Croatia.
3. Glišović, N., Milenković, M., & Bojović, N. (2015). Comparison of SARIMA-GA-ANN and SARIMA-ANN for prediction of the railway passenger flows. In Proceedings of the 4th International Symposium & 26th National Conference on Operational Research (pp. 181-186). Chania, Greece.
4. Milenković, M., Bojović, N., Glišović, N., & Švadlenka, L. (2015). Optimization of the rail freight car fleet sizing problem. In Proceedings of the 4th International Symposium & 26th National Conference on Operational Research (pp. 155-162). Chania, Greece.
5. Milenković, M., Bojović, N., & Švadlenka, L. (2015). A survey of optimization approaches for rail freight car fleet management. In Proceedings of the 6th International Scientific Conference (pp. 347-374). Pardubice, Czech Republic.
6. Macura, D., Bojović, N., Šelmić, M., & Milošević, M. (2014). Railway investment planning using dynamic priorities. In Proceedings of the 3rd International Conference on Road and Rail Infrastructure (CETRA 2014) (pp. 105-112). Croatia.
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8. Milenković, M., Bojović, N., Glišović, N., & Nuhodžić, R. (2014). Comparison of Sarima-Ann and Sarima-Kalman Methods for Railway Passenger Flow Forecasting. In Proceedings of the Second International Conference on Railway Technology: Research, Development and Maintenance (pp. 1-19). Ajaccio, France. doi: 10.4203/ccp.104.193
9. Milenković, M., Bojović, N., & Nuhodžić, R. (2014). An Optimal Control Model for Rail Freight Car Fleet Sizing Problem. In Proceedings of the Second International Conference on Railway

Technology: Research, Development and Maintenance (pp. 1-20). Ajaccio, France. doi: 10.4203/ccp.104.289

10. Milenković, M., Bojović, N., Nuhodžić, R., & Glišović, N. (2014). A Stochastic Model Predictive Control to Rail Freight Car Fleet Sizing Problem. In Proceedings of the International Conference on Engineering and Applied Sciences Optimization (pp. 1-28). Kos Island, Greece.
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12. Bojović, N., Macura, D., & Injac, Z. (2014). Izbor načina naplate putarine u cilju unapređenja bezbednosti transporta u Republici Srpskoj. In Proceedings of the III International Conference on Road Safety in Local Communities (pp. 173-178). Bosnia and Herzegovina.
13. Stojadinović, N., Bošković, B., Bojović, N., & Macura, D. (2013). One approach in business plan scenario development in case study – Railway transport of Montenegro. In Proceedings CD-ROM of the 2nd BH Congress on Railways. Sarajevo, Bosnia and Herzegovina.
14. Milenković, M., Bojović, N., Macura, D., & Nuhodžić, R. (2013). Kalman filtering applied to forecasting the demand for railway passenger services. In Proceedings of the International Conference on Transport Science. Slovenia.
15. Milenković, M., Bojović, N., Glisovic, N., & Nuhodžić, R. (2013). Use of SARIMA models to assess rail passenger flows: a case study of Serbian Railways. In Proceedings of the 2nd International Symposium & 24th National Conference on Operational Research (pp. 296-302). Athens, Greece.
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17. Bojović, N., Knežević, N., & Macura, D. (2012). Post distributive infrastructure management. In Proceedings of the conference on the Role of Strategic Partnerships and Reengineering of the Public Postal Network in Sustainable Provision of Postal Services (pp. 97-102). Berane, Montenegro.
18. Macura, D., Bojović, N., & Šelmić, M. (2012). Evaluation of transport projects using multi-criteria decision making method. In Proceedings of the 15th Edition of Euro Working Group on Transportation (EWGT) (pp. 533-538). Paris, France.
19. Macura, D., Nuhodžić, R., Bojović, N., & Knežević, N. (2012). One model for rail infrastructure projects selection. In Proceedings of CETRA (pp. 533-538). Dubrovnik, Croatia.
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24. Glišović, N., Ribeiro, R.A., Milenković, M., Bojović, N., & Petrović, V. (2012). A SA-based Solution Procedure for Fuzzy Time-Cost Tradeoff. In Proceedings of the International Scientific

Conference "From Global Crisis to Economic Growth – which way to take" (pp. 1-12). Belgrade, Serbia.

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32. Glišović, N., Bojović, N., & Milenković, M. (2010). Decision Support System for a Project Activity Time Forecasting Based on Fuzzy PERT Method. In Proceedings of the 32nd International Conference on Information Technology Interfaces (pp. 231-236). Cavtat, Croatia.
33. Bojović, N., Milenković, M. (2010). Train Driver Rostering Optimization. In Proceedings of the 8th International Symposium on Intelligent Systems and Informatics (SISY) (pp. 501-504). Subotica, Serbia.
34. Bojović, N., Bošković, B., & Macura, D. (2010). Importance of defining the priority section on Corridor X through Serbia: Strengthening's of competition and service's sustainability. In Proceedings of the conference on Corridor X – sustainable path of integration (pp. 25-31). Belgrade, Serbia.
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43. Kostić, D., Bojović, N., & Drndarević, V. (2007). Methods of Testing Main Characteristics that Determine Traction Capabilities of Railway Vehicles. In Proceedings of EURNEX – Žel 2007. Slovak Republic.
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45. Avramović, Z., & Bojović, N. (1993). The 3D Algorithm Solving Solid Transportation Problem. In Proceedings of the 9th International Scientific Conference (pp. 25-30). Žilina, Slovakia.

M40 – Националне монографије

M42 – Монографија националног значаја

1. Macura, D., & Bojović, N. (2013). Višekriterijumski pristup za evaluaciju projekata u saobraćaju. Univerzitet u Beogradu, Saobraćajni fakultet. ISBN 978-86-7395-312-0.
2. Bojović, N. (2007). Upravljanje železničkim saobraćajem i transportom. Beograd, Srbija: Saobraćajni fakultet.
3. Vešović, V., Bojović, N., & Knežević, N. (2007). Organizacija saobraćajnih preduzeća. Beograd, Srbija: Saobraćajni fakultet.
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M45 – Поглавље у књизи М42 или рад у тематском зборнику националног значаја

1. Nebojša Bojović (2010) „Effects of Serbia’s EU integration“, Faculty of Economics, Finance and Administration, University of Singidunum, Chapter in national monography, pp. 40-47, Part: Traffic, ISSN: 978-86-86281-08-1.

M40 – Национални часописи

M51 – Рад у водећем часопису националног значаја

1. Kačar, R., Bojović, N., Macura, D., & Mirosavljević, P. (2023). Aviation accidents, serious incidents, and incidents cause analysis in Bosnia and Herzegovina using the K-means method. *Tehnika*, 78(3), 338-342.
2. Despić, D. R., Bojović, N. J., Kilibarda, M. J., & Kapetanović, M. V. (2019). Assessment of efficiency of military transport units using the DEA and SFA methods. *Vojnotehnički glasnik*, 67(1), 68-92.
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5. Kapetanović, M., Milenković, M., Bojović, N., & Avramović, Z. (2017). Evaluation of European Railway Companies Efficiency: Application of a Two-Stage Analysis. *Tehnika*, 72(3), 403-410.
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9. Bojović, N., Dabić, S., & Miljuš, M. (2012). Protektiranje kao potencijalni faktor izbora proizvođača pneumatika. *Tehnika*, 1(1), 115-122.
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ЦИТИРАНОСТ

Подаци о цитираности према SCOPUS-у (на дан 21.03.2024. године):

- Укупан број цитата: **627**
- *h*-индекс: **13**

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