

Traffic and Transport Theory and Practice Journal for Traffic and Transport Research and Application

BOSNIA AND HERZEGOVINA / BANJA LUKA / DECEMBER 2024 / VOLUME 9/ NUMBER 2 (65-148) http://www.tttp-au.com

Contents

- FROM THE EDITOR 68
- 69 **Component-Based Object Recognition Algorithm** Pavel Slivnitsin, Leonid Mylnikov, Egor Efimov
- The Concept of Mobility and Global Challenges in Road 75 Transport by 2050 Radovan Višković, Željko Đurić, Pavle Gladović
- **Smart Mobility in Smart Cities** 83 Valentina Mirović, Jelena Mitrović Simić, Milica Miličić, Nenad Ruškić
- 90 Protection of Pedestrians from Collisions With Motor Vehicles

Dinko Mikulić, Željko Marušić, Zoran Injac, Boris Mikanović

- 101 Analysis of Traffic Accidents Caused by Overcome and Left Turn Actions in a Situation When the Vehicles Have Been Moved from the Face of the Place, and There Are no Tracks Found on the Road - A Case Study Goran Mihaljčić, Bojan Mihaljčić
- 107 Analyses of the Parking System in Velika Gorica Marko Slavulj, Hrvoje Pavlek, Matija Sikirić, Luka Vidan

- 111 Traffic Regulation Using Advanced Internet **Technologies Based on Blockchain** Zoran G. Pavlovic, Veljko Radicevic, Marko Subotic, Nikolče Talevski, Zlatko Belancan
- 117 ISO 26262 Functional Safety Systems for Road Vehicles Mehmed Konaković, Abidin Deljanin
- 124 Application of Fuel Cell and Green Hydrogen Technology in Buses for Public Urban Transport Passengers Slobodan Mišanović
- 130 EU Recommendations for Sustainable Development of Cities

Pavle Gladović, Radovan Višković, Željko Đurić

- 136 Urban Road Safety in the Republic of Serbia Danislav Drašković, Tomislav Petrović, Filip Živković
- 145 INSTRUCTIONS FOR AUTHORS