

Transport Problems

INTERNATIONAL SCIENTIFIC JOURNAL

Volume 18 Issue 2

CONTENTS

	Page
1. Fabiś P.: Engine flexibility for SI engines fueled by liquid gas with dimethyl ether blend.....	5
2. Karoń G., Meskhishvili D.: Personal factors in mobility planning with virtual activities	17
3. Khelf M., Boukebbab S., Bhourri N.: The effect of tram management on road traffic fluidity and its influence on drivers' behaviors at a critical junction in Algeria.....	33
4. Kochan A., Folęga P., Skirkus R., Bureika G.: Multigraph IS: Part 1. A formal description of railway infrastructure for the digital twin of the etcs application	43
5. Warczek J., Brol S., Kozuba J.: The use of a magnetic field in the assessment of the operating loads of pneumatic tires	53
6. Staneva G., Ivanov R., Kadikyanov G.: Octave band analysis of car noise emissions at different speeds and on different pavements	63
7. Mamcarz P., Madlenak R., Pukalskas S., Barta D., Žuraulis V., Drożdźiel P., Pečeliūnas R., Rybicka I., Drożdźiel P.: The mediating role of personality in the relationship between reaction time and traffic perception in young adults.....	75
8. Slavinskas S., Jokubynienė V.: Performance and emissions characteristics of a diesel engine fueled by carbon nanoparticle-blended diesel and biodiesel.....	87
9. Haniszewski T., Węgrzyn T., Szczucka-Lasota B.: Impact analysis of micro-jet cooling for stress concentration in a crane bumper during a collision.....	97
10. Ziółkowski R.: Speed analyses and modeling in pedestrian crossing areas.....	111
11. Satybaldiyeva D., Mukhanova G., Tymbayeva Z., Tyshkanbayeva M., Bolatkyzy S.: Applying the expert method to determine a company's strategic goals	123
12. Gróf M., Džupka P., Dráb R.: Willingness to pay for Demand Responsive Transport in East Slovakian rural areas.....	133
13. Zhanbirov G., Litvin V., Taran I., Izteleuova M., Aliakbarkyzy D.: Substantiation of a reasonable number of forklifts for a warehouse complex with frontal racks in an AnyLogic environment.....	147
14. Konior A., Konior T., Brzozowski K., Maczyński A., Ryguła A.: New functionalities of the Weigh-In-Motion system: iWIM solution	161
15. Tanamoto T., Sekiguchi H., Orimo S., Kawakami T.: Simulation of delayed buses in a dumpling state and analysis of maximum waiting time using logistic regression ...	171
16. Vrublevskiy O., Gonera J., Napiórkowski J.: Precision diagnostics of a diesel engine under agricultural tractor operating conditions	181
17. Flis A., Ocieczek A., Kaizer A.: The diversity of the sorption properties of rice during maritime transport as an element of risk assessment in the logistics process.....	195
18. Brzozowski M., Draj Ł.: Application of dynamic optimization for autonomous vehicle motion control.....	209