Authors	Year	Title	Journal	IF	Q
Csiszar Csaba; Nagy Eniko	2017	Revealing influencing factors of check-in time in air transportation	Acta Polytechnica Hungarica	0,745	Q3
Csiszar Csaba; Nagy Eniko	2017	Model of an Integrated Air Passenger Information System and Its Adaptation to Budapest Airport	Journal of Air Transport Management	2,357	Q2
Bicsak Gyorgy; Veres Arpad	2017	New Adaption of Actuator Disc Method for Aircraft Propeller CFD Analyses	Acta Polytechnica Hungarica	0,745	Q3
Csiszár Csaba; Sándor Zsolt	2017	Method for analysis and prediction of dwell times at stops in local bus transportation	Transport	1,163	Q3
Török Ádám	2017	Comparative analysis between the theories of road transport safety and emission	Transport	1,163	Q3
Bohács Gábor; Rinkács Angéla	2017	Development of an ontology-driven, component based framework for the implementation of adaptiveness in a Jellyfish-type simulation model	Journal of Ambient Intelligence and Smart Environments	0,809	Q4
Tettamanti Tamás; Alfréd Csikós; Krisztián Balázs Kis; Zsolt János Viharos; István Varga	2017	Pattern recognition based speed forecasting methodology for urban traffic network	Transport	1,163	Q3
Katarzyna Grzybowska; Kovács Gábor	2017	The modelling and design process of coordination mechanism in the supply chain	Journal of Applied Logic	0,838	Q4
Michelberger Pál, Béda Péter, Harth Péter	2017	Static analysis and reanalysis of quasi-symmetric structure with symmetry components of the symmetry groups C3v and C1v	Engineering Structures	2,258	Q2
Horváth Richárd, Lukács Judit	2017	Application of a Force Model Adapted for the Precise Turning of Various Metallic Materials	Strojniški vestnik - Journal of Mechanical Engineering 63(2017)9, 489-500	0,914	Q4
Mohammad Maghrour Zefreh, Török Ádám	2017	Single loop detector data validation and imputation of missing data	Measurement	2,3	Q2
Pauer Gábor, Csiszár Csaba	2017	Concept Of An Integrated Mobile Application Aiding Electromobility	Transport	1,163	Q3
Csonka Bálint, Csiszár Csaba	2017	Integrated Information Service For Plug-In Electric Vehicle Users Including Smart Grid Functions	Transport	1,163	Q3
Esztergár-Kiss Domokos, Rózsa Zoltán, Tettamanti Tamás	2017	Extensions of the activity chain optimization method	Journal of Urban Technology	1,562	Q3
Csiszár Csaba; Földes Dávid	2017	System Model for Autonomous Road Freight Transportation	Promet	0,509	Q4
Ficzere Péter, Borbás Lajos	2017	Experimental Investigation of the Shear Modulus in the Case of Pure Tensile Test	Transactions of FAMENA	0,5	Q4
Ficzere Péter	2018	Safety-critical optimization of vehicle parts	Acta Polytechnica Hungarica	0,745	Q4
Kisgyörgy Lajos, Tóth János	2018	Fuzzy analysis of comfort along travel chains	Transport	1,163	Q3
Duleba Szabolcs	2018	AN AHP-ISM APPROACH FOR CONSIDERING PUBLIC PREFERENCES IN A PUBLIC TRANSPORT DEVELOPMENT DECISION	Transport	1,163	Q3
Lakatos András, Mándoki Péter	2018	Multi-criteria comparison of regional parallel public transport system in Hungary	Promet Traffic Traffico	0,509	Q4
Sipos Tibor, Torok Arpad, Pauer Gabor	2018	STATISTICAL ANALYSIS OF THE EFFECTS OF DISRUPTIVE FACTORS OF DRIVING IN SIMULATED ENVIRONMENT	Transport	1,163	Q3
Csiszar Csaba, Földes Dávid, Tettamanti Tamás	2018	Assessment method for automation levels of mobility services	Journal of Urban Technology	1,562	Q3
Csiszár Csaba; Csonka Bálint; Földes Dávid; Wirth Ervin; Lovas Tamás	2018	Locating method for fast charging stations along national roads	International Journal of Sustainable Transportation	1,973	Q2
Csiszár Csaba, Pauer Gábor	2018	Calculation method of electric vehicle charging demands	Sustainable Cities and Society	1,777	Q2
Török Ádám, Mohammad Maghrour Zefreh	2018	Variations of the urban traffic speed in different traffic situations	Transport	1,163	Q3
Tettamanti Tamás; Torok Arpad; Torok Adam; Varga István	2018	Effect of utility based dynamic road pricing on optimal traffic flow: a model predictive control framework	IET	1,194	Q3
Béda Péter	2018	Dynamic stability and bifurcation analysis in fractional thermodynamics	Continuum Mech. Thermodyn	2,529	Q1

Authors	Year	Title	Journal	IF	Q
Jozsef Popp, Emese Bekefi, Szabolcs Duleba, Judit Olah	2018	Multifunctionality of pond fish farms in the opinion of the farm managers: the case of Hungary	Reviews in Aquaculture	7,1	Q1
Alfredas Rimkus, Jonas Matijošius, Marijonas Bogdevičius, Ákos Bereczky, Ádám Török	2018	An investigation of the efficiency of using O2 and H2 (hydrooxile gas -HHO) gas additives in a ci engine operating on diesel fuel and biodiesel	Energy	4,968	Q1
Maen Ghadi, Árpád Török, Katalin Tánczos	2018	Integration of Probability and Clustering Based Approaches in the field of Black Spot Identification	Periodica Polytechnika Civil Engineering	0,636	Q4
Mohammad Maghrour Zefreh, Török Ádám	2018	Theoretical Comparison of the Effects of Different Traffic Conditions on Urban Road Traffic Noise	Journal of Advanced Transport	1,102	Q3
Szabolcs Duleba; Sarbast Moslem	2018	Sustainable Urban Transport Development with Stakeholder Participation, an AHP-Kendall Model: A Case Study for Mersin	Sustainability	2,075	Q2
Márton Tamás Horváth, Tamás Tettamanti and István Varga	2018	Multiobjective dynamic routing with predefined stops for automated vehicles	INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUFACTURING	1,995	Q2
Béda Péter	2018	Generic bifurcations in fractional thermo-mechanics with peridyamic effects	ZAMM	1,296	Q2
Csiszár Csaba	2018	Demand Calculation Method for Electric Vehicle Charging Station Locating and Deployment	Per. Pol. Civ. Eng.	0,636	Q4
Katona Géza, Lénárt Balázs, Juhász János	2018	Parallel Ant Colony algorithm for shortest path problem	Per. Pol. Civ. Eng.	0,636	Q4
Csaba Csiszár, Dávid Földes, Ervin Wirth, Tamás Lovas	2018	URBAN PUBLIC CHARGING STATION LOCATING METHOD FOR ELECTRIC VEHICLES BASED ON LAND USE APPROACH	Journal of Transport Geography	2,699	Q2
Omid Ghorbanzadeh, Sarbast Moslem, Thomas Blaschke, Szabolcs Duleba	2018	Sustainable Urban Transport Planning Considering Different Stakeholder Groups by an Interval-AHP Decision Support Model	Sustainability	2,075	Q2
Sarbast Moslem, Szabolcs Duleba	2018	Examining Pareto optimality in analytic hierarchy process on real Data: An application in public transport service development	Expert System with application	3,768	Q1
Arpad Torok, Maen Ghadi	2019	Comparison of Different Road Segmentation Methods	Promet Traffic Traffico	0,456	Q4
Csonka Bálint, Csaba Csiszár, Dávid Földes, Ervin Wirth, Tamás Lovas	2018	URBAN PUBLIC CHARGING STATION LOCATING METHOD FOR ELECTRIC VEHICLES BASED ON LAND USE APPROACH	Journal of Transport Geography	2,699	Q2
Olivér Tőrő, Tamás Bécsi, Szilárd Aradi, Péter Gáspár	2019	Sensitivity and Performance Evaluation of Multiple-model State Estimation Algorithms for Autonomous Vehicle Functions	Journal of Advanced Transport	1,102	Q3
Árpád Török, Zsolt Szalay, Gábor Úti, Bence Verebélyi	2019	Modelling the effects of certain cyber-attack methods on urban autonomous transport systems, case study of Budapest	Journal of Ambient Intelligence and Humanized Computing	1,423	Q3
Máté Zöldy	2019	IMPROVING HEAVY DUTY VEHICLES FUEL CONSUMPTION WITH DENSITY AND FRICTION MODIFIER	International Journal of Automotive Technology,	1,264	Q3
Arpad Torok, Maen Ghadi	2019	A comparative analysis of black spot identification methods and 1 road accident segmentation methods	Accident Analysis and Prevention	2,584	Q1
Zoldy, Lengyel, Bereczky, Krajnik, Hollo	2019	Investigation of Diesel Oil–LPG Content Fuel Utilization in Heavy Duty Diesel-Engines with Common Rail System	International Journal of Heavy Vehicle Systems	0,105	Q4
Ferenc Hegedüs, Tamás Bécsi, Szilárd Aradi, Péter Gáspár,	2019	Motion Planning for Highly Automated Road Vehicles with a Hybrid Approach Using Nonlinear Optimization and Artificial Neural Networks	Journal of Mechanical Engineering	1,182	Q3

Authors	Year	Title	Journal	Value	Q
Danish Farooq; Janos Juhasz	2019	Simulation-Based Analysis of the Effect of Significant Traffic Parameters on Lane Changing for Driving Logic "Cautious" on a Freeway	Sustainability	2,592	Q2
Tamás Tettamanti, Árpád Török, István Varga	2019	Dynamic road pricing for optimal traffic flow management by using model predictive control	IET Intelligent Transport Systems	2,050	Q3
Esztergár-Kiss Domokos, Kerényi Tamás	2019	Creation of mobility packages based on the MaaS concept	Travel behaviour and Society	3,218	Q1
Esztergár-Kiss Domokos	2019	Framework of Aspects for the Evaluation of Multimodal Journey Planners	Sustainability	2,592	Q2
Esztergár-Kiss Domokos, Rózsa Zoltán, Tettamanti Tamás	2019	An activity chain optimization method with comparison of test cases for different transportation modes	Transportmetrica A: Transport Science	1,988	Q1
Esztergár-Kiss Domokos, Remeli Viktor	2019	Toward practical algorithms for activity chain optimization	Transportation Letters - The International Journal of Transportation Research	1,500	Q2
Csiszár Cs, T. Skrúcaný, M. Kendra, O. Stopka, S. Milojevic, T. Figlus	2019	Impact of the Electric Mobility Implementation on the Greenhouse Gases Production in Central European Countries	Sustainability	2,592	Q2
Csiszár Cs, A. Zarkeshev	2019	Are People Ready to Entrust their Safety to an Autonomous Ambulance as an Alternative and more Sustainable Transportation Mode?	Sustainability	2,592	Q2
Csiszár Cs, A. Zarkeshev	2019	Rescue Method Based on V2X Communication and Human Pose Estimation	PP Civ Eng	0,976	Q3
Varga Balázs, Tettamanti Tamás, Kulcsár Balázs	2019	Energy-aware predictive control for electrified bus networks	Applied Energy	8,426	Q1
Zöldy Máté	2019	Fuel Properties of Butanol - Hydrogenated Vegetable Oil Blends as a Diesel Extender Option for Internal Combustion Engines	PP Chem Eng	1,382	Q3
Török Árpád; Szalay Zsolt; Sághi Balázs	2019	Development of a novel automotive cybersecurity, integrity level, framework	Acta Polytechnika Hungarica	1,268	Q3
Pauer, G., & Török, Á.	2019	Comparing System Optimum-based and User Decision-based Traffic Models in an Autonomous Transport System.	Promet-Traffic&Transportation	0,768	Q4
József Hlinka; Zsolt Fogarassy; Ágnes Cziráki; Zoltán Weltsch	2020	Wetting properties, recrystallization phenomena and interfacial reactions between laser treated Cu substrate and SAC305 solder	Applied Surface Science	5,155	Q1
Török Árpád; Paurer Gábor	2020	COMPARING SYSTEM OPTIMUM-BASED AND USER DECISION-BASED TRAFFIC MODELS IN AN AUTONOMOUS TRANSPORT SYSTEM	Promet	0,768	Q4
Török Ádám, Mohammad Maghrour Zefreh	2020	Distribution of traffic speed in different traffic conditions: An empirical study in Budapest	TRANSPORT (VILNIUS)	1,524	Q3
Ahmad Alkharabsheh, Sarbast Moslem, Szabolcs Duleba	2020	Evaluating Passenger Demand for Development of the Urban Transport System by an AHP Model with the Real-World Application of Amman	Applied Science	2,217	Q2
Danish Farooq, Sarbast Moslem and Szabolcs Duleba	2020	Evaluation of Driver Behavior Criteria for Evolution of Sustainable Traffic Safety	Sustainability	2,592	Q2
Sarbast Moslem , Omid Ghorbanzadeh, Thomas Blaschke and Szabolcs Duleba	2020	Analysing Stakeholder Consensus for a Sustainable Transport Development Decision by the Fuzzy AHP and Interval AHP	Sustainability	2,592	Q2
Szabolcs Duleba and Bálint Farkas	2020	Principal Component Analysis of the Potential for Increased Rail Competitiveness in East-Central Europe	Sustainability	2,592	Q2
Mátrai Tamás, Tóth János, Cruz J	2020	How cycling is perceived in Budapest based on household survey results	PP Civ Eng	0,976	Q3
Lakatos András, Mándoki Péter	2020	Analytical, logit-model based examination of the Hungarian regional parallel public transport system	Promet	0,768	Q4
Lakatos András, Mándoki Péter	2020	Sustainability Analysis of Competition in Public Transport Systems: A Comparative Case Study in Hungary and Finland	PP Civ Eng	0,976	Q3
Mohammad Maghrour Zefreh, Esztergar-Kiss Domokos, Torok Adam	2020	Implications of different road pricing schemes in urban areas: A case study for Budapest	Proceedings of the Institution of Civil Engineers	0,792	Q4
Szabó Ádám, Bécsi Tamás, Gáspár Péter	2020	Control Design and Validation for Floating Piston Electro-Pneumatic Gearbox Actuator	Applied Sciences	2,217	Q2
Török, Á., Szalay, Z., & Sághi, B.	2020	(2020). Development of a Novel Automotive Cybersecurity, Integrity Level, Framework.	Acta Polytechnica Hungarica	1,268	Q3
David Sziroczak, Istvan Jankovics, Istvan Gal, Daniel Rohacs	2020	Conceptual design of small aircraft with hybrid-electric propulsion systems	Energy	5,537	Q1
Zöldy M.	2020	Development of fuel efficient & low carbon engine oil test method	Journal of Mechanical Engineering	0,644	Q4
Dimitrios Rizopoulos, Esztergár-Kiss Domokos	2020	A Method for the Optimization of Daily Activity Chains Including Electric Vehicles	Energies	2,707	Q1
He Yinying és Csiszár Csaba	2020	QUALITY ASSESSMENT METHOD FOR MOBILITY AS A SERVICE	Promet	0,768	Q4
Zöldy, Máté ; Szalay, Zsolt ; Tihanyi, Viktor	2020	Challanges in homologation process of vehicles with artificial intelligence TRANSPORT (VILNIUS) (2020)	TRANSPORT (VILNIUS)	1,524	Q3
Vass S, Zöldy M	2021	A Model Based New Method for Injection Rate Determination	Thermal Science	1,541	Q3
Vass S, Zöldy M	2021	Effects of Boundary Conditions on a Bosch-type Injection Rate Meter	TRANSPORT (VILNIUS)	1,524	Q3
Lakatos András, Mándoki Péter, Tóth János	2021	Demand Responsive Transport Service of 'Dead-End Villages' in Interurban Traffic	Sustainability	2,592	Q2
Blawal Hussein, Mohammad Maghrour Zefreh, Tibor Sipos	2021	In-depth Analysis and Model Development of Passenger Satisfaction with Public Transportation	KSCE Journal of Civil Engineering	1,428	Q3
				148,74	