

Włodzimierz Choromański

List of Publications by Year in descending order

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27
papers

118
citations

1478505

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1372567

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29
all docs

29
docs citations

29
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Design of a Custom Steering System in Cars and Verification of Its Correct Functioning. Energies, 2021, 14, 6740.	3.1	4
2	Personal Rapid Transit – Polish Concept. Advances in Intelligent Systems and Computing, 2020, , 84-93.	0.6	0
3	Research on an innovative multifunction steering wheel for individuals with reduced mobility. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 61, 178-187.	3.7	6
4	Driver with Varied Disability Level – Vehicle System: New Design Concept, Construction and Standardization of Interfaces. Procedia Manufacturing, 2015, 3, 3078-3084.	1.9	6
5	System Supporting Location of Service Works in Agriculture on Example of Vehicle Recycling Network. Agriculture and Agricultural Science Procedia, 2015, 7, 87-93.	0.6	1
6	Analysis of dynamic properties of the PRT vehicle-track system. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2015, 63, 799-806.	0.8	4
7	Simulation and Experimental Study of Selected Parameters of the Multifunction Steering Wheel in the View of Users’ Abilities and Accuracy of Vehicle Maneuvers. Procedia Manufacturing, 2015, 3, 3085-3091.	1.9	2
8	Empty vehicles management as a method for reducing passenger waiting time in Personal Rapid Transit networks. IET Intelligent Transport Systems, 2015, 9, 231-239.	3.0	23
9	The influence of mental load on muscle tension. Ergonomics, 2013, 56, 1125-1133.	2.1	23
10	Dynamics simulation studies on the electric city car with an electromechanical differential and the rear wheels drive. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2013, 61, 661-673.	0.8	9
11	Personal rapid transit vehicle with polyurethane wheels – modelling and simulation issues. Archives of Transport, 2013, 27-28, 71-79.	1.1	2
12	Simulation research of driveability of the ECO electric car. Archives of Transport, 2013, 27-28, 103-110.	1.1	1
13	PRT simulation research. Archives of Transport, 2013, 27-28, 95-102.	1.1	1
14	Mechatronic simulator of lever driven wheelchairs. Archives of Transport, 2013, 27-28, 65-69.	1.1	0
15	Optimizing the lever propelling system for manual wheelchairs. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2012, 60, 793-800.	0.8	3
16	PRT-Modeling and Dynamic Simulation of Track and Vehicle. , 2011, , .		4
17	Minimizing the Impact of Electromagnetic Interference Affecting the Control System of Personal Rapid Transit in the Context of the Competitiveness of the Supply Chain. Archives of Transport, 2011, 23, .	1.1	8
18	Optimization of Lever-Driven Wheelchairs. IFMBE Proceedings, 2010, , 671-674.	0.3	1

#	ARTICLE	IF	CITATIONS
19	A SIMULATION STUDY OF THE NEW CONCEPT OF A STAIR-CLIMBING WHEELCHAIR - Concept of Construction. , 2008, , .		0
20	Modeling and simulation of physical performance of a External Unilateral Mechatronic Orthopaedic Fixator - Bone system. , 2006, 2006, 1533-6.		4
21	First Clinical Trials of Using Knee Stabilisers with Adaptable Kinematics for Functional Treatment of Periarticular Fractures - Experimental Research and Computer Simulation. , 2006, 2006, 1529-32.		0
22	Adaptive Mechatronic Suspension of Railway Vehicles: Focus on Lateral Dynamics. , 2003, , .		0
23	Mechatronic Suspension of Railway Vehicles -Focus on Lateral Dynamics. Vehicle System Dynamics, 1998, 29, 521-537.	3.7	0
24	Application of Neural Network for Intelligent Wheelset and Railway Vehicle Suspension Designs. Vehicle System Dynamics, 1996, 25, 87-98.	3.7	7
25	Synthesis of Control to Improve Lateral Dynamics of Railway Vehicles. Vehicle System Dynamics, 1994, 23, 47-58.	3.7	2
26	OPTIMIZATION OF WHEEL AND RAIL PROFILES FOR VARIOUS CONDITIONS OF VEHICLE MOTION. Vehicle System Dynamics, 1992, 20, 84-98.	3.7	5
27	ANALYSIS OF PARAMETRIC SENSITIVITY OF THE MATHEMATICAL MODELS THAT DESCRIBE LATERAL DYNAMICS OF A RAILWAY VEHICLE. Vehicle System Dynamics, 1988, 17, 77-85.	3.7	1