WÅ‚odzimierz ChoromaÅ„ski

List of Publications by Year
in descending order

27	118	1478505 6	1372567 10
papers	citations	h-index	g-index

29	29	29	104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The influence of mental load on muscle tension. Ergonomics, 2013, 56, 1125-1133.	2.1	23
2	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
3	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
4	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
5	Application of Neural Network for Intelligent Wheelset and Railway Vehicle Suspension Designs. Vehicle System Dynamics, 1996, 25, 87-98.	3.7	7
6	Driver with Varied Disability Level â€“ Vehicle System: New Design Concept, Construction and Standardization of Interfaces. Procedia Manufacturing, 2015, 3, 3078-3084.	1.9	6
7	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
8	OPTIMIZATION OF WHEEL AND RAIL PROFILES FOR VARIOUS CONDITIONS OF VEHICLE MOTION. Vehicle System Dynamics, 1992, 20, 84-98.	3.7	5
9	Modeling and simulation of physical performance of a External Unilateral Mechatronic Orthopaedic Fixator - Bone system. , 2006, 2006, 1533-6.		4
10	PRT-Modeling and Dynamic Simulation of Track and Vehicle. , 2011, , .		4
11	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
12	Integrated Design of a Custom Steering System in Cars and Verification of Its Correct Functioning. Energies, 2021, 14, 6740.	3.1	4
13	Optimizing the lever propelling system for manual wheelchairs. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2012, 60, 793-800.	0.8	3
14	Synthesis of Control to Improve Lateral Dynamics of Railway Vehicles. Vehicle System Dynamics, 1994, 23, 47-58.	3.7	2
15	Simulation and Experimental Study of Selected Parameters of the Multifunction Steering Wheel in the View of Usersâ€™ Abilities and Accuracy of Vehicle Maneuvers. Procedia Manufacturing, 2015, 3, 3085-3091.	1.9	2
16	Personal rapid transit vehicle with polyurethane wheels â€“ modelling and simulation issues. Archives of Transport, 2013, 27-28, 71-79.	1.1	2
17	ANALYSIS OF PARAMETRIC SENSITIVITY OF THE MATHEMATICAL MODELS THAT DECRIBE LATERAL DYNAMICS OF A RAILWAY VEHICLE. Vehicle System Dynamics, 1988, 17, 77-85.	3.7	1
18	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

#	Article	IF	Citations
19	Optimization of Lever-Driven Wheelchairs. IFMBE Proceedings, 2010, , 671-674.	0.3	1
20	Simulation research of driveability of the ECO electric car. Archives of Transport, 2013, 27-28, 103-110.	1.1	1
21	PRT simulation research. Archives of Transport, 2013, 27-28, 95-102.	1.1	1
22	Mechatronic Suspension of Railway Vehicles -Focus on Lateral Dynamics. Vehicle System Dynamics, 1998, 29, 521-537.	3.7	0
23	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
24	Adaptive Mechatronic Suspension of Railway Vehicles: Focus on Lateral Dynamics. , 2003, , .		0
25	A SIMULATION STUDY OF THE NEW CONCEPT OF A STAIR-CLIMBING WHEELCHAIR - Concept of Construction. , 2008, , .		0
26	Mechatronic simulator of lever driven wheelchairs. Archives of Transport, 2013, 27-28, 65-69.	1.1	0
27	Personal Rapid Transit â€“ Polish Concept. Advances in Intelligent Systems and Computing, 2020, , 84-93.	0.6	0