

Adrian Soica

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8790297/publications.pdf>

Version: 2024-02-01

10
papers

36
citations

2258059

3
h-index

2053705

5
g-index

11
all docs

11
docs citations

11
times ranked

31
citing authors

#	ARTICLE	IF	CITATIONS
1	Method of estimating the rolling resistance coefficient of vehicle tyre using the roller dynamometer. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2020, 234, 3194-3204.	1.9	5
2	Analysis of a Railcar Engine Damages Using Forensic Investigation. Applied Mechanics and Materials, 2016, 822, 261-271.	0.2	0
3	Impact phase in frontal vehicle-pedestrian collisions. International Journal of Automotive Technology, 2016, 17, 387-397.	1.4	8
4	Analysis of the Deformation Mode and Determination of the Energy Dissipated by the Resistance Structure of the Vehicles. Applied Mechanics and Materials, 2015, 772, 79-83.	0.2	0
5	A Theoretical Approach upon the Stiffness of Vehicle Resistance Structure Submitted to an Axial Impact. Applied Mechanics and Materials, 2014, 659, 250-255.	0.2	0
6	Predict Air Pollution in Brasov City with Regression Models. Applied Mechanics and Materials, 2014, 659, 617-622.	0.2	0
7	Emissions Level Approximation at Cold Start for Spark Ignition Engine Vehicles. Applied Mechanics and Materials, 2014, 555, 375-384.	0.2	3
8	Study of aerodynamics for a simplified car model with the underbody shaped as a Venturi nozzle. International Journal of Vehicle Design, 2012, 58, 15.	0.3	19
9	The influence of the vehicle's front-end profile upon adult pedestrian kinematics and dynamics, multibody approach. International Journal of Vehicle Safety, 2012, 6, 134.	0.2	1
10	Simulation of the Free Piston's Movement from the Single Regime Running Thermo-Hydraulic Generator. Applied Mechanics and Materials, 0, 659, 171-176.	0.2	0