

Mario Trotea

List of Publications by Year in descending order

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10
papers

13
citations

2682572

2
h-index

2550090

3
g-index

10
all docs

10
docs citations

10
times ranked

1
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematic Model for Analysing the Dynamic Behavior of a Vehicle in the Field of Chaotic Movements. Applied Mechanics and Materials, 2016, 822, 54-59.	0.2	5
2	Nonlinear differential system applied of a mechanical plan model of the automotives used for the nonlinear stability analysis. IOP Conference Series: Materials Science and Engineering, 2017, 252, 012023.	0.6	3
3	Empirical Determination of the Diffusion Coefficient of Carbon in Austenite in Carburizing Phase of the Gas-Carburizing-Sintering Process. Solid State Phenomena, 2012, 188, 376-381.	0.3	1
4	Optimal Analysis of a Route of the Public Transport System in Targu Jiu City. Applied Mechanics and Materials, 2016, 822, 480-490.	0.2	1
5	Fatigue Analysis for the Primary Shaft of a Mechanical Gearbox of a Car. , 2016, , 385-393.		1
6	Design Optimization of the Diaphragm Spring of a Mechanical Clutch for Motor Cars. Applied Mechanics and Materials, 0, 822, 123-134.	0.2	1
7	Analytical Calculation, Numerical Structural Analysis and Design Optimization of the Diaphragm Spring of a Mechanical Clutch. Applied Mechanics and Materials, 2020, 896, 151-162.	0.2	1
8	Influence of Carburizing Time of Iron Powder Samples on the Carbon Content after Gas-Carburizing - Sintering Process. Applied Mechanics and Materials, 2018, 880, 235-240.	0.2	0
9	Analysis of the Commercial Speed of a Public Passenger Transport Line from Craiova-Romania. Applied Mechanics and Materials, 0, 880, 389-396.	0.2	0
10	Kinematic and Dynamic Determinations of the Movement of the Car when Moving between Cones. Applied Mechanics and Materials, 0, 896, 163-168.	0.2	0