

Walter Jesus Paucar Casas

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

117
citations

1684188

5
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameters optimisation of a vehicle suspension system using a particle swarm optimisation algorithm. <i>Vehicle System Dynamics</i> , 2015, 53, 449-474.	3.7	45
2	Multi-objective optimization of the suspension system parameters of a full vehicle model. <i>Optimization and Engineering</i> , 2019, 20, 151-177.	2.4	41
3	Fracture toughness of CA6NM alloy, quenched and tempered, and of its welded joint without PWHT. <i>Welding International</i> , 2009, 23, 166-172.	0.7	10
4	Optimization of fluid-structure systems by eigenvalues gap separation with sensitivity analysis. <i>Applied Mathematical Modelling</i> , 2017, 42, 269-289.	4.2	8
5	Multiscale topology optimization for frequency domain response with bi-material interpolation schemes. <i>Optimization and Engineering</i> , 2021, 22, 2707-2739.	2.4	5
6	An interval-based multi-objective robust design optimization for vehicle dynamics. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 7076-7101.	4.7	5
7	Modal Analysis of a Vibroacoustic Cabin. , 2008, , .		2
8	Pareto-optimal front for multi-objective optimization of the suspension of a full-vehicle model in the frequency domain. <i>Engineering Computations</i> , 2021, ahead-of-print, .	1.4	1
9	Assessment of the Influence of Welding Parameters on Distortion. <i>Applied Mechanics and Materials</i> , 2014, 597, 208-212.	0.2	0
10	Optimization of the Fundamental Frequency of Mechanical Structures by Using the Bidirectional Evolutionary Structural Method. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 141-153.	0.4	0