

# Walter Jesus Paucar Casas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1298731/publications.pdf>

Version: 2024-02-01

10  
papers

117  
citations

1684188

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1720034

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docs citations

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times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Multiscale topology optimization for frequency domain response with bi-material interpolation schemes. <i>Optimization and Engineering</i> , 2021, 22, 2707-2739.	2.4	5
3	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
4	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
5	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
6	Optimization of fluid-structure systems by eigenvalues gap separation with sensitivity analysis. <i>Applied Mathematical Modelling</i> , 2017, 42, 269-289.	4.2	8
7	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
8	Assessment of the Influence of Welding Parameters on Distortion. <i>Applied Mechanics and Materials</i> , 2014, 597, 208-212.	0.2	0
9	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
10	Modal Analysis of a Vibroacoustic Cabin. , 2008, , .		2