

Camilo Hernandez

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

212
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	A computational determination of the Cowper-Symonds parameters from a single Taylor test. Applied Mathematical Modelling, 2013, 37, 4698-4708.	4.2	63
2	Development and Characterization of Rice Husk and Recycled Polypropylene Composite Filaments for 3D Printing. Polymers, 2021, 13, 1067.	4.5	44
3	Dynamic characterization of Roma Plastilina No. 1 from Drop Test and inverse analysis. International Journal of Mechanical Sciences, 2015, 100, 158-168.	6.7	24
4	Development and Characterization of a 3D Printed Cocoa Bean Shell Filled Recycled Polypropylene for Sustainable Composites. Polymers, 2021, 13, 3162.	4.5	18
5	Geometric design optimization of a Savonius wind turbine. Energy Conversion and Management, 2022, 262, 115679.	9.2	17
6	Effect of geometrical parameters on the performance of conventional Savonius VAWT: A review. Renewable and Sustainable Energy Reviews, 2022, 161, 112314.	16.4	16
7	An inverse problem for the characterization of dynamic material model parameters from a single SHPB test. Procedia Engineering, 2011, 10, 1603-1608.	1.2	9
8	Validation of material constitutive parameters for the AISI 1010 steel from Taylor impact tests. Materials and Design, 2016, 110, 324-331.	7.0	8
9	Inverse methods for the mechanical characterization of materials at high strain rates. EPJ Web of Conferences, 2012, 26, 04022.	0.3	7
10	Determination of constitutive parameters from a Taylor test using inverse analysis. Strain, 2017, 53, e12249.	2.4	5
11	Behavior of oil-based modeling clay at medium strain rates. Journal of Defense Modeling and Simulation, 0, , 154851292110497.	1.7	1
12	An Inverse Problem for the Mechanical Characterization of Steels From the Taylor Test. , 2010, , .		0
13	Quasi-Static and Dynamic Characterization of Oil-Based Modeling Clay and Numerical Simulation of Drop-Impact Test. , 2011, , .		0