

Miguel Angel Caminero

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,171
citations

361413

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477307

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docs citations

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times ranked

2608
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive manufacturing of PLA structures using fused deposition modelling: Effect of process parameters on mechanical properties and their optimal selection. <i>Materials and Design</i> , 2017, 124, 143-157.	7.0	974
2	Impact damage resistance of 3D printed continuous fibre reinforced thermoplastic composites using fused deposition modelling. <i>Composites Part B: Engineering</i> , 2018, 148, 93-103.	12.0	312
3	Additive manufacturing of continuous fibre reinforced thermoplastic composites using fused deposition modelling: Effect of process parameters on mechanical properties. <i>Composites Science and Technology</i> , 2019, 181, 107688.	7.8	303
4	Interlaminar bonding performance of 3D printed continuous fibre reinforced thermoplastic composites using fused deposition modelling. <i>Polymer Testing</i> , 2018, 68, 415-423.	4.8	269
5	Additive Manufacturing of PLA-Based Composites Using Fused Filament Fabrication: Effect of Graphene Nanoplatelet Reinforcement on Mechanical Properties, Dimensional Accuracy and Texture. <i>Polymers</i> , 2019, 11, 799.	4.5	195
6	Damage monitoring and analysis of composite laminates with an open hole and adhesively bonded repairs using digital image correlation. <i>Composites Part B: Engineering</i> , 2013, 53, 76-91.	12.0	164
7	Analysis of adhesively bonded repairs in composites: Damage detection and prognosis. <i>Composite Structures</i> , 2013, 95, 500-517.	5.8	125
8	Effect of stacking sequence on Charpy impact and flexural damage behavior of composite laminates. <i>Composite Structures</i> , 2016, 136, 345-357.	5.8	110
9	Experimental study of the influence of thickness and ply-stacking sequence on the compression after impact strength of carbon fibre reinforced epoxy laminates. <i>Polymer Testing</i> , 2018, 66, 360-370.	4.8	89
10	Damage resistance of carbon fibre reinforced epoxy laminates subjected to low velocity impact: Effects of laminate thickness and ply-stacking sequence. <i>Polymer Testing</i> , 2017, 63, 530-541.	4.8	80
11	Analysis of PLA Geometric Properties Processed by FFF Additive Manufacturing: Effects of Process Parameters and Plate-Extruder Precision Motion. <i>Polymers</i> , 2019, 11, 1581.	4.5	77
12	Modeling large strain anisotropic elasto-plasticity with logarithmic strain and stress measures. <i>Computers and Structures</i> , 2011, 89, 826-843.	4.4	52
13	Mechanical and Geometric Performance of PLA-Based Polymer Composites Processed by the Fused Filament Fabrication Additive Manufacturing Technique. <i>Materials</i> , 2020, 13, 1924.	2.9	51
14	Damage Assessment of Composite Structures Using Digital Image Correlation. <i>Applied Composite Materials</i> , 2014, 21, 91-106.	2.5	44
15	Additive manufacturing of 316L stainless-steel structures using fused filament fabrication technology: mechanical and geometric properties. <i>Rapid Prototyping Journal</i> , 2021, 27, 583-591.	3.2	44
16	Effect of Thermal Ageing on the Impact and Flexural Damage Behaviour of Carbon Fibre-Reinforced Epoxy Laminates. <i>Polymers</i> , 2019, 11, 80.	4.5	43
17	Effect of Thermal Ageing on the Impact Damage Resistance and Tolerance of Carbon-Fibre-Reinforced Epoxy Laminates. <i>Polymers</i> , 2019, 11, 160.	4.5	32
18	Comparative study of geometric properties of unreinforced PLA and PLA-Graphene composite materials applied to additive manufacturing using FFF technology. <i>Polymer Testing</i> , 2020, 91, 106860.	4.8	31

#	ARTICLE	IF	CITATIONS
19	Tensile and flexural damage response of symmetric angleâ€ply carbon fiberâ€reinforced epoxy laminates: Nonâ€linear response and effects of thickness and plyâ€stacking sequence. <i>Polymer Composites</i> , 2019, 40, 3678-3690.	4.6	26
20	Effects of carbon fibre reinforcement on the geometric properties of PETG-based filament using FFF additive manufacturing. <i>Composites Part B: Engineering</i> , 2022, 235, 109766.	12.0	26
21	A large strain anisotropic elastoplastic continuum theory for nonlinear kinematic hardening and texture evolution. <i>Mechanics Research Communications</i> , 2012, 43, 50-56.	1.8	18
22	Effect of nozzle diameter on mechanical and geometric performance of 3D printed carbon fibre-reinforced composites manufactured by fused filament fabrication. <i>Rapid Prototyping Journal</i> , 2021, 27, 769-784.	3.2	18
23	Mechanical, Electrical, and Thermal Characterization of Pure Copper Parts Manufactured via Material Extrusion Additive Manufacturing. <i>Materials</i> , 2022, 15, 4644.	2.9	17
24	On the consistency of nested surfaces models and their kinematic hardening rules. <i>International Journal of Solids and Structures</i> , 2007, 44, 5027-5042.	2.7	16
25	Effects of fused filament fabrication parameters on the manufacturing of 316L stainless-steel components: geometric and mechanical properties. <i>Rapid Prototyping Journal</i> , 2022, 28, 2004-2026.	3.2	16
26	Flexural damage response of symmetric cross-ply carbon fiber reinforced laminates: Effects of thickness and ply-scaling technique. <i>Mechanics of Advanced Materials and Structures</i> , 2021, 28, 212-219.	2.6	14
27	On the numerical implementation of the Closest Point Projection algorithm in anisotropic elasto-plasticity with nonlinear mixed hardening. <i>Finite Elements in Analysis and Design</i> , 2016, 121, 1-17.	3.2	13
28	An enhanced algorithm for nested surfaces plasticity using the implicit MrÃ³z translation rule. <i>Computers and Structures</i> , 2006, 84, 1684-1695.	4.4	8
29	Experimental Study of the Evolution of Plastic Anisotropy in 5754 Al-Mg Cold Rolled Sheets. <i>Experimental Techniques</i> , 2015, 39, 35-42.	1.5	4
30	DUAL MASTER IN MECHANICAL TECHNOLOGY (ETSII-UCLM). , 2017, , .		0
31	WORKSHOPS OF DESIGN AND FABRICATION OF FIBRE-REINFORCED COMPOSITES FOR MASTER STUDENTS. , 2017, , .		0
32	Dynamic Modelling of a Single â€ Link Flexible Arm to be Used as a Sensing Antenna. , 2009, , 321-328.		0