Miguel Angel Caminero

List of Publications by Year
in descending order

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32 papers	3,171 citations	361388 20 h-index	477281 29 g-index
32 all docs	32 docs citations	32 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 andÂtheir optimal selection. Materials and Design, 2017, 124, 143-157.	7.0	974
2	Impact damage resistance of 3D printed continuous fibre reinforced thermoplastic composites using fused deposition modelling. Composites Part B: Engineering, 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. Composites Science and Technology, 2019, 181, 107688.	7.8	303
4	Interlaminar bonding performance of 3D printed continuous fibre reinforced thermoplastic composites using fused deposition modelling. Polymer Testing, 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. Polymers, 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. Composites Part B: Engineering, 2013, 53, 76-91.	12.0	164
7	Analysis of adhesively bonded repairs in composites: Damage detection and prognosis. Composite Structures, 2013, 95, 500-517.	5.8	125
8	Effect of stacking sequence on Charpy impact and flexural damage behavior of composite laminates. Composite Structures, 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. Polymer Testing, 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. Polymer Testing, 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. Polymers, 2019, 11, 1581.	4.5	77
12	Modeling large strain anisotropic elasto-plasticity with logarithmic strain and stress measures. Computers and Structures, 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. Materials, 2020, 13, 1924.	2.9	51
14	Damage Assessment of Composite Structures Using Digital Image Correlation. Applied Composite Materials, 2014, 21, 91-106.	2.5	44
15	Additive manufacturing of 316L stainless-steel structures using fused filament fabrication technology: mechanical and geometric properties. Rapid Prototyping Journal, 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. Polymers, 2019, 11, 80.	4.5	43
17	Effect of Thermal Ageing on the Impact Damage Resistance and Tolerance of Carbon-Fibre-Reinforced Epoxy Laminates. Polymers, 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. Polymer Testing, 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. Polymer Composites, 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. Composites Part B: Engineering, 2022, 235, 109766.	12.0	26
21	A large strain anisotropic elastoplastic continuum theory for nonlinear kinematic hardening and texture evolution. Mechanics Research Communications, 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. Rapid Prototyping Journal, 2021, 27, 769-784.	3.2	18
23	Mechanical, Electrical, and Thermal Characterization of Pure Copper Parts Manufactured via Material Extrusion Additive Manufacturing. Materials, 2022, 15, 4644.	2.9	17
24	On the consistency of nested surfaces models and their kinematic hardening rules. International Journal of Solids and Structures, 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. Rapid Prototyping Journal, 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. Mechanics of Advanced Materials and Structures, 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. Finite Elements in Analysis and Design, 2016, 121, 1-17.	3.2	13
28	An enhanced algorithm for nested surfaces plasticity using the implicit MrÃ³z translation rule. Computers and Structures, 2006, 84, 1684-1695.	4.4	8
29	Experimental Study of the Evolution of Plastic Anisotropy in 5754 Al-Mg Cold Rolled Sheets. Experimental Techniques, 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