

# A Torres Marques

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,593  
citations

361413

20  
h-index

315739

38  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production and processing of pre-impregnated thermoplastic tapes by pultrusion and compression moulding. <i>Journal of Composite Materials</i> , 2022, 56, 1667-1676.	2.4	15
2	Bone: An Outstanding Composite Material. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3381.	2.5	14
3	4D structures for the short-time building of emergency shelters. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2022, 236, 1869-1894.	1.1	2
4	Towards an effective sensing technology to monitor micro-scale interface loosening of bioelectronic implants. <i>Scientific Reports</i> , 2021, 11, 3449.	3.3	18
5	Composites for Life. <i>U Porto Journal of Engineering</i> , 2021, 7, 37-51.	0.4	1
6	Occupational Accidents Related to Heavy Machinery: A Systematic Review. <i>Safety</i> , 2021, 7, 21.	1.7	15
7	Development of a Pultrusion Die for the Production of Thermoplastic Composite Filaments to Be Used in Additive Manufacture. <i>Journal of Composites Science</i> , 2021, 5, 120.	3.0	4
8	Potential of Graphene-Polymer Composites for Ligament and Tendon Repair: A Review. <i>Advanced Engineering Materials</i> , 2020, 22, 2000492.	3.5	12
9	Health and Safety Concerns Related to CNT and Graphene Products, and Related Composites. <i>Journal of Composites Science</i> , 2020, 4, 106.	3.0	23
10	Methodology for Bone-Implant Stiffness Evaluation. <i>Experimental Mechanics</i> , 2020, 60, 1251-1263.	2.0	2
11	State-of-the-Art Review and Roadmap. <i>Advanced Structured Materials</i> , 2020, , 1-56.	0.5	1
12	Hand Tools Characteristics in Slave and Modern Slave Labour. <i>Studies in Systems, Decision and Control</i> , 2020, , 697-704.	1.0	0
13	Intramedullary nailing biomechanics: Evolution and challenges. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2019, 233, 295-308.	1.8	37
14	How to Prevent the Risk of Slipping in Kitchens? A Short Review. <i>Studies in Systems, Decision and Control</i> , 2019, , 89-96.	1.0	0
15	Occupational Accidents in the Mining Industry A Short Review. <i>Studies in Systems, Decision and Control</i> , 2019, , 61-69.	1.0	8
16	A review on fibre reinforced composite printing via FFF. <i>Rapid Prototyping Journal</i> , 2019, 25, 972-988.	3.2	51
17	Evidence of occupational accidents with equipment in mining a systematic review protocol. <i>International Journal of Occupational and Environmental Safety</i> , 2018, 2, 84-88.	0.5	5
18	Methods for Measuring Association between Intervention for Increasing Movement and Productivity. <i>U Porto Journal of Engineering</i> , 2018, 4, 27-41.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Recent developments on intramedullary nailing: a biomechanical perspective. Annals of the New York Academy of Sciences, 2017, 1408, 20-31.	3.8	16
20	Impact of the geometry of inclusions at the micro-scale on the overall stochastic properties. Mechanics of Advanced Materials and Structures, 2016, 23, 117-127.	2.6	1
21	From mechanical stimulus to bone formation: A review. Medical Engineering and Physics, 2015, 37, 719-728.	1.7	100
22	Wearable sensor networks supported by mobile devices for fall detection. , 2014, , .		12
23	Modeling the rheology of SR1500 and LY556 epoxies under manufacturer's recommended cure cycles after viscosimetry and rheometry characterization. Polymer Engineering and Science, 2014, 54, 831-839.	3.1	6
24	Load sharing ability of the liner in type III composite pressure vessels under internal pressure. Journal of Reinforced Plastics and Composites, 2014, 33, 2274-2286.	3.1	37
25	4D Numerical Analysis of Scaffolds: A New Approach. Computational Methods in Applied Sciences (Springer), 2014, , 69-95.	0.3	1
26	Characterization of composite bonded joints under pure mode II fatigue loading. Composite Structures, 2013, 95, 222-226.	5.8	25
27	International Conference on Natural Fibersâ€™ Sustainable Materials for Advanced Applications 2013. Conference Papers in Materials Science, 2013, 2013, 1-1.	0.1	0
28	A New Piezoelectric Actuator Induces Bone Formation<i>In Vivo</i>: A Preliminary Study. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-7.	3.0	48
29	Comparative analysis of drills for composite laminates. Journal of Composite Materials, 2012, 46, 1649-1659.	2.4	37
30	Mechanical study of PLAâ€™PCL fibers during in vitro degradation. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 451-460.	3.1	205
31	Thermoplastic matrix towpreg production. Advances in Polymer Technology, 2010, 29, 80-85.	1.7	4
32	Polymeric piezoelectric actuator substrate for osteoblast mechanical stimulation. Journal of Biomechanics, 2010, 43, 1061-1066.	2.1	39
33	Drilling tool geometry evaluation for reinforced composite laminates. Composite Structures, 2010, 92, 1545-1550.	5.8	219
34	Evaluation of Tools and Cutting Conditions on Carbon Fibre Reinforced Laminates. Materials Science Forum, 2010, 638-642, 944-949.	0.3	1
35	Glass/Polyvinyl Chloride Composites. Materials Science Forum, 2010, 636-637, 214-219.	0.3	0
36	Tool Effects on Hybrid Laminates Drilling. Materials and Manufacturing Processes, 2010, 25, 476-481.	4.7	22

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37	New thermoplastic matrix composites for demanding applications. <i>Plastics, Rubber and Composites</i> , 2009, 38, 167-172.	2.0	8
38	Development of ligament tissue biodegradable devices: A review. <i>Journal of Biomechanics</i> , 2009, 42, 2421-2430.	2.1	112
39	Effect of natural and artificial weathering on the long-term flexural performance of polymer mortars. <i>Mechanics of Composite Materials</i> , 2009, 45, 515-526.	1.4	21
40	Delamination analysis of carbon fibre reinforced laminates: Evaluation of a special step drill. <i>Composites Science and Technology</i> , 2009, 69, 2376-2382.	7.8	137
41	GF/PP towpregs production, testing and processing. <i>International Journal of Mechanics and Materials in Design</i> , 2008, 4, 205-211.	3.0	6
42	Fabrication of a strain sensor for bone implant failure detection based on piezoresistive doped nanocrystalline silicon. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 2585-2589.	3.1	25
43	Damage analysis of carbon/epoxy plates after drilling. <i>International Journal of Materials and Product Technology</i> , 2008, 32, 226.	0.2	24
44	New Powder Coating Equipment to Produce Continuous Fibre Thermoplastic Matrix Towpregs. <i>Materials Science Forum</i> , 2008, 587-588, 246-250.	0.3	11
45	New PVC Matrix Towpregs and Composites. <i>Materials Science Forum</i> , 2008, 587-588, 241-245.	0.3	4
46	DEGRADATION CHARACTERIZATION OF ALIPHATIC POLYESTERSâ€™IN VITRO STUDY. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	1
47	Consolidation of Glass Fibre-Polypropylene Towpregs by Compression Moulding. <i>Materials Science Forum</i> , 2006, 514-516, 677-681.	0.3	1
48	Production of Thermoplastic Towpregs and Towpreg-Based Composites. , 2005, , 189-213.		3
49	Advances in Thermoplastic Matrix Towpregs Processing. <i>Journal of Thermoplastic Composite Materials</i> , 2004, 17, 523-544.	4.2	14
50	Single Filament Mechanical Characterisation of Hemp Fibres for Reinforcing Composite Materials. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 418, 87-99.	0.9	6
51	Interlaminar fracture studies in Portugal: past, present and future. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2004, 27, 767-773.	3.4	5
52	Tailored Blank Technology: A One-Step-Process. <i>Journal of Thermoplastic Composite Materials</i> , 2002, 15, 355-371.	4.2	6
53	Mode II Interlaminar Fracture of Filament Wound Angle-ply Specimens. <i>Applied Composite Materials</i> , 2002, 9, 117-129.	2.5	15
54	Fracture mechanics concepts and structural integrity of filament wound pipes. <i>European Structural Integrity Society</i> , 2000, 26, 253-261.	0.1	0

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55	Prediction of long-term behaviour of composite materials. Computers and Structures, 2000, 76, 183-194.	4.4	35
56	Analysis of reinforced concrete with external composite strengthening. Composites Part B: Engineering, 2000, 31, 527-534.	12.0	6
57	Creep/Creep-Recovery Response of Fibredux 920C-TS-5-42 Composite under Flexural Loading. Applied Composite Materials, 1999, 6, 71-86.	2.5	3
58	Reliability based design with a degradation model of laminated composite structures. Structural Optimization, 1996, 12, 16-28.	0.6	23
59	Multilevel optimization of laminated composite structures. Structural Optimization, 1994, 7, 55-60.	0.6	7
60	Round-robin interlaminar fracture testing of carbon-fibre-reinforced epoxy and PEEK composites. Composites Science and Technology, 1992, 43, 129-136.	7.8	90
61	Drilling of Fibre Reinforced Plastic Laminates. Materials Science Forum, 0, 587-588, 706-710.	0.3	8
62	Mechanical Behaviour Analysis of Polymer Mortars Reinforced with Jute and Piassava Natural Fibres under Alkaline Environments. Materials Science Forum, 0, 636-637, 239-244.	0.3	3
63	Production of Thermoplastic Towpregs. Materials Science Forum, 0, 636-637, 220-225.	0.3	1
64	Drilling of Carbon Fibre Reinforced Laminates – A Comparative Analysis of Five Different Drills on Thrust Force, Roughness and Delamination. Materials Science Forum, 0, 636-637, 206-213.	0.3	3
65	Behaviour of Cement and Polymer Mortar Materials to Rapid Freeze-Thaw Cycling. Materials Science Forum, 0, 636-637, 1329-1335.	0.3	11
66	Development and Characterization of Composite Mortar from Non-Metallic Fractions Recovered from Printed Circuit Boards under Thermal Fatigue. , 0, , .		0
67	Development and Characterization of Bulk and Epoxy Molding Compounds from Non-Metallic Fractions Recovered from Printed Circuit Boards. , 0, , .		1