

# Luciano M G Vieira

## List of Publications by Year in descending order

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24  
papers

456  
citations

840776  
11  
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713466  
21  
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25  
all docs

25  
docs citations

25  
times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of sodium carbonate on the performance of epoxy and polyester coir-reinforced composites. <i>Polymer Testing</i> , 2018, 67, 533-544.	4.8	80
2	Novel fibre metal laminate sandwich composite structure with sisal woven core. <i>Industrial Crops and Products</i> , 2017, 99, 189-195.	5.2	50
3	Eco-friendly sodium bicarbonate treatment and its effect on epoxy and polyester coir fibre composites. <i>Construction and Building Materials</i> , 2019, 211, 427-436.	7.2	49
4	Evaluation of hybrid-short-coir-fibre-reinforced composites via full factorial design. <i>Composite Structures</i> , 2018, 202, 313-323.	5.8	40
5	Hybrid glass fibre reinforced composites with micro and poly-diallyldimethylammonium chloride (PDDA) functionalized nano silica inclusions. <i>Materials &amp; Design</i> , 2015, 65, 543-549.	5.1	37
6	Investigations on short coir fibre reinforced composites via full factorial design. <i>Polymers and Polymer Composites</i> , 2018, 26, 391-399.	1.9	32
7	Hybrid composites based on sisal fibers and silica nanoparticles. <i>Polymer Composites</i> , 2018, 39, 146-156.	4.6	27
8	Hybrid bio-composites reinforced with sisal-glass fibres and Portland cement particles: A statistical approach. <i>Composites Part B: Engineering</i> , 2018, 149, 58-65.	12.0	24
9	Investigation on the Effect of Drill Geometry and Pilot Holes on Thrust Force and Burr Height When Drilling an Aluminium/PE Sandwich Material. <i>Materials</i> , 2016, 9, 774.	2.9	21
10	Mechanical Behaviour of a Green Composite from Biopolymers Reinforced with Sisal Fibres. <i>Journal of Polymers and the Environment</i> , 2021, 29, 429-440.	5.0	15
11	Geometric effects of sustainable auxetic structures integrating the particle swarm optimization and finite element method. <i>Materials Research</i> , 2014, 17, 747-757.	1.3	12
12	Hybrid silica micro and PDDA/nanoparticles-reinforced carbon fibre composites. <i>Journal of Composite Materials</i> , 2017, 51, 783-795.	2.4	10
13	Drilling of aluminium/PE sandwich material with a novel TiO <sub>2</sub> -coated HSS drill deposited by sol-gel process. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 92, 1567-1577.	3.0	10
14	An assessment of thermosetting infiltrate in powder-based composites made by additive manufacturing. <i>Journal of Composite Materials</i> , 2019, 53, 873-882.	2.4	9
15	Recycled Green PE Composites Reinforced with Woven and Randomly Arranged Sisal Fibres Processed by Hot Compression Moulding. <i>Acta Technologica Agriculturae</i> , 2020, 23, 81-86.	0.9	9
16	Impact Properties of Novel Natural Fibre Metal Laminated Composite Materials. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1869.	2.5	9
17	Experimental Evaluation of the Employment of a Laminated Composite Material with Sisal Fibres as Reinforcement in Timber Beams. <i>International Journal of Composite Materials</i> , 2012, 2, 97-100.	0.3	7
18	Comparative study on lubricating and cooling conditions in the drilling process of electrolytic copper. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 101, 2633-2641.	3.0	5

#	ARTICLE	IF	CITATIONS
19	Carbon nanotubes and superplasticizer reinforcing cementitious composite for aerostatic porous bearing. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2017, 231, 1397-1407.	1.8	4
20	Influence of Machining Parameters of the Drilling Polymers UHMW-PE and PTFE. Advanced Materials Research, 2015, 1120-1121, 1297-1301.	0.3	2
21	Impact Behaviour of Hybrid Carbon Fibre Composites Reinforced with Silica Micro- and Functionalized Nanoparticles. Nano Hybrids and Composites, 2018, 21, 1-9.	0.8	2
22	The Effects of Sodium Carbonate and Bicarbonate Treatments on Sisal Fibre Composites. Materials Research, 0, 25, .	1.3	2
23	The Effect ofSilicon CarbideAddition into Fibreglass Reinforced Composites. International Journal of Composite Materials, 2012, 2, 92-96.	0.3	0
24	Utiliza��o do m�todo de Taguchi para estudo da influ�ncia dos par�metros de fabrica��o nas propriedades mec�nicas de pe�as em PLA obtidas por manufatura aditiva.. , 0, , .		0