

Luciano M G Vieira

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5261524/publications.pdf>

Version: 2024-02-01

24
papers

456
citations

840119

11
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact Properties of Novel Natural Fibre Metal Laminated Composite Materials. Applied Sciences (Switzerland), 2022, 12, 1869.	1.3	9
2	Mechanical Behaviour of a Green Composite from Biopolymers Reinforced with Sisal Fibres. Journal of Polymers and the Environment, 2021, 29, 429-440.	2.4	15
3	Recycled Green PE Composites Reinforced with Woven and Randomly Arranged Sisal Fibres Processed by Hot Compression Moulding. Acta Technologica Agriculturae, 2020, 23, 81-86.	0.2	9
4	An assessment of thermosetting infiltrate in powder-based composites made by additive manufacturing. Journal of Composite Materials, 2019, 53, 873-882.	1.2	9
5	Eco-friendly sodium bicarbonate treatment and its effect on epoxy and polyester coir fibre composites. Construction and Building Materials, 2019, 211, 427-436.	3.2	49
6	Comparative study on lubricating and cooling conditions in the drilling process of electrolytic copper. International Journal of Advanced Manufacturing Technology, 2019, 101, 2633-2641.	1.5	5
7	Evaluation of hybrid-short-coir-fibre-reinforced composites via full factorial design. Composite Structures, 2018, 202, 313-323.	3.1	40
8	Effects of sodium carbonate on the performance of epoxy and polyester coir-reinforced composites. Polymer Testing, 2018, 67, 533-544.	2.3	80
9	Hybrid composites based on sisal fibers and silica nanoparticles. Polymer Composites, 2018, 39, 146-156.	2.3	27
10	Investigations on short coir fibre reinforced composites via full factorial design. Polymers and Polymer Composites, 2018, 26, 391-399.	1.0	32
11	Hybrid bio-composites reinforced with sisal-glass fibres and Portland cement particles: A statistical approach. Composites Part B: Engineering, 2018, 149, 58-65.	5.9	24
12	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
13	Hybrid silica micro and PDDA/nanoparticles-reinforced carbon fibre composites. Journal of Composite Materials, 2017, 51, 783-795.	1.2	10
14	Novel fibre metal laminate sandwich composite structure with sisal woven core. Industrial Crops and Products, 2017, 99, 189-195.	2.5	50
15	Drilling of aluminium/PE sandwich material with a novel TiO ₂ -coated HSS drill deposited by sol-gel process. International Journal of Advanced Manufacturing Technology, 2017, 92, 1567-1577.	1.5	10
16	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.	1.0	4
17	Investigation on the Effect of Drill Geometry and Pilot Holes on Thrust Force and Burr Height When Drilling an Aluminium/PE Sandwich Material. Materials, 2016, 9, 774.	1.3	21
18	Influence of Machining Parameters of the Drilling Polymers UHMW-PE and PTFE. Advanced Materials Research, 2015, 1120-1121, 1297-1301.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Hybrid glass fibre reinforced composites with micro and poly-diallyldimethylammonium chloride (PDDA) functionalized nano silica inclusions. <i>Materials & Design</i> , 2015, 65, 543-549.	5.1	37
20	Geometric effects of sustainable auxetic structures integrating the particle swarm optimization and finite element method. <i>Materials Research</i> , 2014, 17, 747-757.	0.6	12
21	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
22	The Effect of Silicon Carbide Addition into Fibreglass Reinforced Composites. <i>International Journal of Composite Materials</i> , 2012, 2, 92-96.	0.3	0
23	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
24	The Effects of Sodium Carbonate and Bicarbonate Treatments on Sisal Fibre Composites. <i>Materials Research</i> , 0, 25, .	0.6	2