

Sergio Luiz Moni Ribeiro Filho

List of Publications by Year in descending order

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32
papers

398
citations

759233

12
h-index

839539

18
g-index

32
all docs

32
docs citations

32
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations on the drilling process of unreinforced and reinforced polyamides using Taguchi method. <i>Composites Part B: Engineering</i> , 2013, 55, 338-344.	12.0	51
2	Comparison among different vegetable fluids used in minimum quantity lubrication systems in the tapping process of cast aluminum alloy. <i>Journal of Cleaner Production</i> , 2017, 140, 1255-1262.	9.3	29
3	Influence cutting parameters on the surface quality and corrosion behavior of Ti-6Al-4V alloy in synthetic body environment (SBF) using Response Surface Method. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 88, 223-237.	5.0	24
4	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
5	Monitoring of through-feed centreless grinding processes with acoustic emission signals. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 94, 71-79.	5.0	23
6	Investigations on sustainable honeycomb sandwich panels containing eucalyptus sawdust, Piassava and cement particles. <i>Thin-Walled Structures</i> , 2019, 143, 106191.	5.3	22
7	Particle swarm optimization for achieving the minimum profile error in honing process. <i>Precision Engineering</i> , 2014, 38, 759-768.	3.4	18
8	Integrated optimization using mixture design to confirm the finishing of AISI P20 using different cutting strategies and ball nose end mills. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 47, 54-63.	5.0	17
9	Characteristics of machined and formed external threads in titanium alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 79, 779-792.	3.0	17
10	Investigation of the influence of coating and the tapered entry in the internal forming tapping process. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 101, 1051-1063.	3.0	17
11	Effects of the Dynamic Tapping Process on the Biocompatibility of Ti-6Al-4V Alloy in Simulated Human Body Environment. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 4313-4326.	1.1	15
12	Analysis of burr formation in form tapping in 7075 aluminum alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 84, 957.	3.0	13
13	Optimization of micro milling of hardened steel with different grain sizes using multi-objective evolutionary algorithm. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 85, 88-99.	5.0	13
14	Optimization of the dressing operation using load cells and the Taguchi method in the centerless grinding process. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 67, 1103-1112.	3.0	12
15	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
16	Processing of Threads on a Magnesium Alloy Using a Special Process. <i>Materials and Manufacturing Processes</i> , 2014, 29, 748-753.	4.7	9
17	Behaviour of a biocompatible titanium alloy during orthogonal micro-cutting employing green machining techniques. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 98, 1573-1589.	3.0	9
18	Eco-friendly Sandwich Panel Based on Recycled Bottle Caps Core and Natural Fibre Composite Facings. <i>Fibers and Polymers</i> , 2020, 21, 1798-1807.	2.1	9

#	ARTICLE	IF	CITATIONS
19	Analysis of the micro turning process in the Ti-6Al-4V titanium alloy. International Journal of Advanced Manufacturing Technology, 2017, 92, 4009-4016.	3.0	8
20	Experimental investigation of tapping in CFRP with analysis of torque-tension resistance. International Journal of Advanced Manufacturing Technology, 2019, 104, 757-766.	3.0	8
21	Recycled polyethylene bottle caps as sandwich panel circular honeycomb: Experimental and numerical approach. Polymer Composites, 2020, 41, 4678-4691.	4.6	8
22	Investigation and modelling of the cutting forces in turning process of the Ti-6Al-4V and Ti-6Al-7Nb titanium alloys. International Journal of Advanced Manufacturing Technology, 2019, 101, 2191-2203.	3.0	6
23	The impact behaviour of hybrid fibre-particle composites based on a full factorial design. Materials Today Communications, 2022, 31, 103459.	1.9	5
24	Influence of Different Cooling Systems on Surface Roughness in the Turning of the Ti-6Al-4V Alloy Used as Biomaterial. Advanced Materials Research, 0, 704, 155-160.	0.3	4
25	Analysis of the Forces in Micromilling of Hardened AISI H13 Steel with Different Grain Sizes Using the Taguchi Methodology. Advances in Mechanical Engineering, 2014, 6, 465178.	1.6	4
26	<i>Pinus caribaea</i> var. <i>hondurensis</i> Wood Impregnated with Methyl Methacrylate. Journal of Materials in Civil Engineering, 2017, 29, .	2.9	4
27	Hybrid polymer composites made of sugarcane bagasse fibres and disposed rubber particles. Polymers and Polymer Composites, 2020, , 096739112094345.	1.9	4
28	Influence of cutting speed and tool geometry on form and machine tapping of carbon fibre-reinforced composites. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	4
29	Online Prediction of Tool Wear in the Milling of the AISI P20 Steel Through Electric Power of the Main Motor. Arabian Journal for Science and Engineering, 2015, 40, 3321-3328.	1.1	3
30	Statistical and numerical approaches of particulate reinforced polymers and their effect on the interlocking effect of hybrid composite joints. Journal of Composite Materials, 2022, 56, 1267-1285.	2.4	3
31	Sandwich Structures Made of Discarded Bottle Caps Core and Hybrid Glass Fibre Composite Skins. Applied Composite Materials, 0, , 1.	2.5	2
32	Analysis of Surface Roughness in Micro Milling of Ti-6Al-4V Titanium Alloy. Advanced Materials Research, 2014, 1079-1080, 3-6.	0.3	1