

# Armando A. S. Antonialli

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

181  
citations

1478505

6  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation performance of holders with shape memory dampers against chatter vibration. <i>Procedia CIRP</i> , 2022, 108, 519-524.	1.9	1
2	Design and experimental evaluation of an impact damper to be used in a slender end mill tool in the machining of hardened steel. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 2553-2567.	3.0	10
3	On the machinability of the Ni-30 high-temperature iron-based superalloy. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	1
4	A machinability evaluation based on the thermal and mechanical properties of two engine valve steels. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 110, 3209-3219.	3.0	2
5	Investigating the Application of Customized Abrasive Cutoff Wheels with Respect to Tool Wear and Subsurface Integrity in Metallographic Cutting of Pure Titanium. <i>Metallography, Microstructure, and Analysis</i> , 2019, 8, 826-832.	1.0	1
6	Towards Part Lifetime Traceability Using Machined Quick Response Codes. <i>Procedia Technology</i> , 2016, 26, 89-96.	1.1	6
7	Tool life and tool wear in taper turning of a nickel-based superalloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 87, 2023-2032.	3.0	17
8	Metallurgy and mechanical performance of AZ31 magnesium alloy friction spot welds. <i>Journal of Materials Processing Technology</i> , 2013, 213, 515-521.	6.3	64
9	LAP SHEAR TEST OF A MAGNESIUM FRICTION SPOT JOINT: NUMERIC MODELING. <i>Tecnologia Em Metalurgia, Materiais E Mineracao</i> , 2013, 10, 97-102.	0.2	1
10	The Machinability of Ultrafine-grained Grade 2 Ti Processed by Equal Channel Angular Pressing. <i>Journal of Materials Research and Technology</i> , 2012, 1, 148-153.	5.8	7
11	Numerical evaluation of reduction of stress shielding in laser coated hip prostheses. <i>Materials Research</i> , 2011, 14, 331-334.	1.3	14
12	Tool life and cutting forces on semi-finish milling of titanium alloy. <i>International Journal of Mechatronics and Manufacturing Systems</i> , 2010, 3, 329.	0.1	1
13	Vibration analysis of cutting force in titanium alloy milling. <i>International Journal of Machine Tools and Manufacture</i> , 2010, 50, 65-74.	13.4	56
14	Tribological aspects of tool wear during turning Ti-15Mo alloy with cemented tungsten carbide cutting inserts prepared with different surface finishes. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 0, , 135065012210928.	1.8	0