

Raynald Laheurte

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

106
citations

1307594

7
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and Microstructure Study of the Chip Formation During Turning of Ti64 \hat{I}^2 Lamellar Titanium Structure. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2018, 140, .	2.2	7
2	3D milling modeling: mechanical actions, strains, strain rates and temperature calculations in the three cutting zones. International Journal of Advanced Manufacturing Technology, 2018, 95, 1931-1940.	3.0	1
3	Orthogonal cutting of TA6V alloys with chamfered tools: Analysis of tool-chip contact lengths. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2017, 231, 2384-2395.	2.4	12
4	Experimental study on cutting flexible sheet materials using an oscillating knife. International Journal of Clothing Science and Technology, 2017, 29, 349-365.	1.1	2
5	3D modelling of the mechanical actions of cutting: application to milling. Lecture Notes in Mechanical Engineering, 2017, , 647-654.	0.4	0
6	The Preliminary Study of Machinability during Milling of Titanium Alloy (Ti-6Al-4V). Applied Mechanics and Materials, 2012, 186, 200-207.	0.2	1
7	Subsurface damage distribution characterization of ground surfaces using Abbott's Firestone curves. Optics Express, 2012, 20, 13551.	3.4	28
8	Experimental milling moment model in orthogonal cutting condition: to an accurate energy balance. International Journal of Advanced Manufacturing Technology, 2011, 55, 843-854.	3.0	9
9	Dynamic Characterization and Predictive Maintenance Concept of Machine Tool Spindle. Applied Mechanics and Materials, 2011, 62, 147-154.	0.2	0
10	Strain gradient plasticity theory applied to machining. , 2011, , .		2
11	New method to characterize a machining system: application in turning. International Journal of Material Forming, 2009, 2, 93-105.	2.0	15
12	Self-excited vibrations in turning: forces torsor analysis. International Journal of Advanced Manufacturing Technology, 2009, 44, 447-462.	3.0	12
13	Nouvelle analyse des phénomènes vibratoires en tournage. Mecanique Et Industries, 2007, 8, 497-503.	0.2	6
14	Behaviour law for cutting process. International Journal of Advanced Manufacturing Technology, 2006, 29, 17-23.	3.0	11
15	Correlation between Torsor Measurements on the Chip Orientation. Advanced Materials Research, 0, 698, 79-88.	0.3	0
16	Determining the Position of Cutting Tool in Drilling for Analysis of Mechanical Actions. Applied Mechanics and Materials, 0, 325-326, 1382-1386.	0.2	0