

# W Bouzid Sai

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

254  
citations

1040056

9  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite element modeling of burnishing of AISI 1042 steel. International Journal of Advanced Manufacturing Technology, 2005, 25, 460-465.	3.0	37
2	Chip thickness analysis for different tool motions. Journal of Materials Processing Technology, 2008, 204, 213-220.	6.3	32
3	Roughness modeling in up-face milling. International Journal of Advanced Manufacturing Technology, 2005, 26, 324-329.	3.0	25
4	Influence of Finishing by Burnishing on Surface Characteristics. Journal of Materials Engineering and Performance, 2003, 12, 37-40.	2.5	21
5	Cost and time calculation in rough NC turning. International Journal of Advanced Manufacturing Technology, 2009, 40, 971-981.	3.0	20
6	Analytical modeling of surface profile in turning and burnishing. International Journal of Advanced Manufacturing Technology, 2014, 75, 547-558.	3.0	20
7	An investigation of tool wear in high-speed turning of AISI 4340 steel. International Journal of Advanced Manufacturing Technology, 2005, 26, 330-334.	3.0	19
8	An investigation of cutting forces in machining with worn ball-end mill. Journal of Materials Processing Technology, 2009, 209, 3198-3217.	6.3	17
9	Feed rate modeling in circular interpolation discontinuity for high-speed milling. International Journal of Advanced Manufacturing Technology, 2013, 65, 1619-1634.	3.0	13
10	Genetic differences between Tunisian camel and sheep strains of the cestode Echinococcus granulosus revealed by SSCP. Parasite, 2006, 13, 131-136.	2.0	10
11	Cutter-workpiece engagement calculation in 3-axis ball end milling considering cutter runout. Journal of Manufacturing Processes, 2019, 41, 74-82.	5.9	10
12	Finite element modelling of burnishing process. Materials Technology, 2010, 25, 56-62.	3.0	9
13	Carbide and ceramic tool life in high speed turning. International Journal of Vehicle Design, 2005, 39, 140.	0.3	6
14	Modelling of tolerances and manufacturing dimensions. International Journal of Advanced Manufacturing Technology, 2006, 31, 71-77.	3.0	3
15	Machining time in rough milling. Materials Technology, 2008, 23, 169-173.	3.0	3
16	Roughness profile in high speed face milling operation. Materials Technology, 2008, 23, 231-237.	3.0	3
17	Influence Of 3 And 5 Axis Finishing Milling On Surface Characteristics. Materials Technology, 2006, 21, 169-173.	3.0	2
18	Finite element modelling of countersinking process. International Journal of Materials and Product Technology, 2008, 33, 376.	0.2	2

#	ARTICLE	IF	CITATIONS
19	State of the art in cutting modelling with ball end mill. International Journal of Machining and Machinability of Materials, 2011, 9, 282.	0.1	1
20	Kinematic Behaviour Modeling of the Axes of a Machining Center in High Speed Milling. Advanced Materials Research, 2013, 698, 39-48.	0.3	1
21	FE Thermal Modelling Of Machining With Ball End Milling. AIP Conference Proceedings, 2007, , .	0.4	0
22	A Steady State Thermal Behavior Study of 3D Ball End Milling Model by Using Finite Element Method. International Review of Aerospace Engineering, 2016, 9, 51.	0.3	0