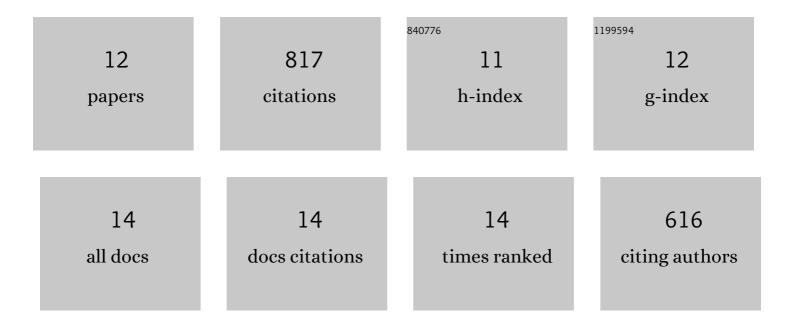
Thanongsak Thepsonthi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	3-D finite element process simulation of micro-end milling Ti-6Al-4V titanium alloy: Experimental validations on chip flow and tool wear. Journal of Materials Processing Technology, 2015, 221, 128-145.	6.3	170
2	Experimental and finite element simulation based investigations on micro-milling Ti-6Al-4V titanium alloy: Effects of cBN coating on tool wear. Journal of Materials Processing Technology, 2013, 213, 532-542.	6.3	154
3	Multi-objective process optimization for micro-end milling of Ti-6Al-4V titanium alloy. International Journal of Advanced Manufacturing Technology, 2012, 63, 903-914.	3.0	142
4	Experiments and finite element simulations on micro-milling of Ti–6Al–4V alloy with uncoated and cBN coated micro-tools. CIRP Annals - Manufacturing Technology, 2011, 60, 85-88.	3.6	121
5	Swarm Intelligent Selection and Optimization of Machining System Parameters for Microchannel Fabrication in Medical Devices. Materials and Manufacturing Processes, 2011, 26, 403-414.	4.7	43
6	An integrated toolpath and process parameter optimization for high-performance micro-milling process of Ti–6Al–4V titanium alloy. International Journal of Advanced Manufacturing Technology, 2014, 75, 57-75.	3.0	43
7	Effect of process parameters in nanosecond pulsed laser micromachining of PMMA-based microchannels at near-infrared and ultraviolet wavelengths. International Journal of Advanced Manufacturing Technology, 2013, 67, 1651-1664.	3.0	38
8	Nanosecond pulsed laser micromachining of PMMA-based microfluidic channels. Journal of Manufacturing Processes, 2012, 14, 435-442.	5.9	32
9	Micro milling of titanium alloy Ti-6Al-4V: 3-D finite element modeling for prediction of chip flow and burr formation. Production Engineering, 2017, 11, 435-444.	2.3	31
10	Simulation of serrated chip formation in micro-milling of titanium alloy Ti-6Al-4V using 2D elasto-viscoplastic finite element modeling. Production Engineering, 2016, 10, 575-586.	2.3	19
11	Micromilling high aspect ratio features using tungsten carbide tools. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2014, 228, 1350-1358.	2.4	18
12	Nanosecond Pulsed Laser Processing of Ion Implanted Single Crystal Silicon Carbide Thin Layers. Physics Procedia, 2014, 56, 933-943.	1.2	1