# Thanongsak Thepsonthi

List of Publications by Year
in descending order



| 12 | 817 | 840776 11 | 1199594 12 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 616 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | An integrated toolpath and process parameter optimization for high-performance micro-milling process of Tiâ€“6Alâ€“4V titanium alloy. International Journal of Advanced Manufacturing Technology, 2014, 75, 57-75. | 3.0 | 43 |
| 5 | 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 |
| 6 | Nanosecond Pulsed Laser Processing of Ion Implanted Single Crystal Silicon Carbide Thin Layers. Physics Procedia, 2014, 56, 933-943. | 1.2 | 1 |
| 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 | 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 |
| 9 | Nanosecond pulsed laser micromachining of PMMA-based microfluidic channels. Journal of Manufacturing Processes, 2012, 14, 435-442. | 5.9 | 32 |
| 10 | 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 |
| 11 | 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 |
| 12 | Experiments and finite element simulations on micro-milling of Tiâ€“6Alâ€“4V alloy with uncoated and cBN coated micro-tools. CIRP Annals - Manufacturing Technology, 2011, 60, 85-88. | 3.6 | 121 |