

**CIRP Annals 20 Most Cited Papers** (1 April, 2016)

#	Paper	Year Vol.	Citations
1.	Reconfigurable manufacturing systems. Y Koren, U Heisel F Jovane, T Moriwaki, G. Pritchow, G. Ulsoy, H. Van Brussel	1999 2	1575
2.	Analytical prediction of stability lobes in milling Y Altıntaş, E Budak	1995 1	1155
3.	Dry cutting F Klocke, G Eisenblätter	1997 2	740
4.	International status of thermal error research J Bryan	1990 2	701
5.	State of the art of micromachining T Masuzawa	2000 2	697
6.	Asymmetric single point incremental forming of sheet metal J Jeswiet, F Micari, G Hirt, A Bramley, J Duflou, J. Allwood	2005 2	608
7.	Microforming M Geiger, M Kleiner, R Eckstein, N Tiesler, U Engel	2001 2	603
8.	Recent advances in mechanical micromachining D Dornfeld, S Min, Y Takeuchi	2006 2	554
9.	Changeable manufacturing-classification, design and operation HP Wiendahl, HA EIMaraghy, P Nyhuis, MF Zäh, H.-H. Wiendahl, N. Duffie, M. Brieke	2007 2	550
10.	Advancing cutting technology G. Byrne, D. Dornfeld, B Denkena	2003 2	506
11.	Rapid manufacturing and rapid tooling with layer manufacturing (LM) technologies, state of the art and future perspectives GN Levy, R Schindel, JP Kruth	2003 2	489
12.	A critical review of sensors for unmanned machining J Tlusty, GC Andrews	1983 2	478
13.	Concurrent engineering G Sohlenius	1992 2	478
14.	Chatter stability of metal cutting and grinding Y Altintas, M Weck	2004 2	474
15.	Consolidation phenomena in laser and powder-bed based layered manufacturing. JP Kruth, G Levy, F Klocke, THC Childs	2007 2	470
16.	Material in-process manufacturing by rapid prototyping techniques JP Kruth	1991 2	465
17.	Progress in additive manufacturing and rapid prototyping JP Kruth, MC Leu	1998 2	439
18.	Design for assembly and disassembly G Boothroyd, L Alting	1992 2	436
19.	Modelling and simulation of grinding processes HK Tönshoff, J Peters, I Inasaki, T Paul	1992 2	431
20.	Product modelling FL Krause, F Kimura, T Kjellberg, SCY Lu, van der Wolf, L. Alting, H.A. EIMaraghy, W. Eversheim, K. Iwata, N.P. Suh, V.A. Tipnis, M. Week	1993 2	377