Rasoul Mahshid - Research outputs - DTU Orbit (14/06/2019)

**Tolerance analysis in manufacturing using process capability ratio with measurement uncertainty.** / Mahshid, Rasoul; Mansourvar, Zahra; Hansen, Hans Nørgaard.
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Inner centering in parting line area of injection mould using side locks.** / Mahshid, Rasoul; Hansen, Hans Nørgaard.
Proceedings of the 17th International Conference of the European Society for Precision Engineering and Nanotechnology. The European Society for Precision Engineering and Nanotechnology, 2017.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

**Strength analysis and modeling of cellular lattice structures manufactured using selective laser melting for tooling applications.** / Mahshid, Rasoul; Hansen, Hans Nørgaard; Loft Højbjerre, Klaus.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

**The influence of cellular structures on flow stress of high strength components manufactured using SLM.** / Mahshid, Rasoul; Hansen, Hans Nørgaard; Loft Højbjerre, Klaus.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

**Elastic deflection and tilting effect in a multi-stage micro bulk former.** / Mahshid, R.; Hansen, H. N.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

**Hot embossing and mechanical punching of biodegradable microcontainers for oral drug delivery.** / Petersen, Ritika Singh; Mahshid, Rasoul; Andersen, Nis Korsgaard; Keller, Stephan Sylvest; Hansen, Hans Nørgaard; Boisen, Anja.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

**Precision analysis in billet preparation for micro bulk metal forming.** / Mahshid, Rasoul; Hansen, Hans N.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

**Characterization of precision of a handling system in high performance transfer press for micro forming.** / Mahshid, Rasoul; Hansen, Hans Nørgaard; Arentoft, Mogens.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

**High Performance Transfer Press for Precision Manufacturing of Micro Metal Parts : Micro Forming Technology, Precision Engineering.** / Mahshid, Rasoul.

**Towards Mass Production by High Performance Transfer Press in Micro Bulk Forming.** / Mahshid, Rasoul; Hansen, Hans Nørgaard; Arentoft, Mogens.
Research output: Contribution to journal › Conference article – Annual report year: 2014 › Research › peer-review

**Accuracy of transferring microparts in a multi stage former.** / Mahshid, Rasoul; Hansen, Hans Nørgaard; Arentoft, Mogens.
A motion study of a manipulator for transferring microparts in a multi stage former. / Mahshid, Rasoul; Hansen, Hans Nørgaard; Hansen, Casper; Arentoft, Mogens.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

A New Approach for Handling of Micro Parts in Bulk Metal Forming. / Mahshid, Rasoul; Hansen, Hans Nørgaard; Arentoft, M.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review