

Peter Frohn-Sørensen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7610659/publications.pdf>

Version: 2024-02-01

16
papers

226
citations

1163117

8
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture studies of 3D-printed continuous glass fiber reinforced composites. Theoretical and Applied Fracture Mechanics, 2022, 119, 103317.	4.7	44
2	Design for 3D Printed Tools: Mechanical Material Properties for Direct Polymer Additive Tooling. Polymers, 2022, 14, 1694.	4.5	14
3	Analysis of ESAFORM 2021 cup drawing benchmark of an Al alloy, critical factors for accuracy and efficiency of FE simulations. International Journal of Material Forming, 2022, 15, .	2.0	18
4	3D printed prototyping tools for flexible sheet metal drawing. International Journal of Advanced Manufacturing Technology, 2021, 115, 2623-2637.	3.0	10
5	Dry friction under pressure variation of PACVD TiN surfaces on selected automotive sheet metals for the application in unlubricated metal forming. Wear, 2021, 476, 203750.	3.1	10
6	Analytic process model for flexible manufacturing of cylindrical or conical sheet metal profiles in an incremental sequence. Procedia CIRP, 2021, 99, 254-259.	1.9	1
7	Incremental bending of conic profiles on CNC hydraulic bending machines. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2021, 235, 1248-1268.	2.4	2
8	Structural optimization of additively manufactured polymer tools for flexible sheet metal forming. Procedia CIRP, 2021, 104, 1345-1350.	1.9	7
9	Flexible manufacturing chain with integrated incremental bending and Q-P heat treatment for on-demand production of AHSS safety parts. Journal of Materials Processing Technology, 2020, 275, 116312.	6.3	16
10	In situ detection and control of wrinkle formation during rotary draw bending. Procedia Manufacturing, 2020, 50, 589-596.	1.9	6
11	Modelling the forming zone of force fitted bending processes. Procedia Manufacturing, 2020, 50, 411-417.	1.9	2
12	On the forming mechanisms of frictionally engaged linear processes under consideration of incremental swivel bending (ISB). Procedia Manufacturing, 2019, 29, 169-176.	1.9	5
13	Product planning system for manufacture-oriented modeling of freeform bend tubes produced by three-roll-push-bending. Procedia Manufacturing, 2019, 34, 10-18.	1.9	11
14	Sensitivity analysis of the rotary draw bending process as a database of digital equipping support. Procedia Manufacturing, 2019, 29, 592-599.	1.9	9
15	Additive manufacturing of silicon based PneuNets as soft robotic actuators. Procedia CIRP, 2018, 72, 328-333.	1.9	40
16	On the high gasification rate of Brazilian manganese ore in chemical looping combustion (CLC) for solid fuels. AIChE Journal, 2013, 59, 4346-4354.	3.6	26