

Luka Sterle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11338677/publications.pdf>

Version: 2024-02-01

8
papers

138
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel cryogenic machining concept based on a lubricated liquid carbon dioxide. International Journal of Machine Tools and Manufacture, 2019, 145, 103456.	13.4	31
2	Performance Evaluation of Solid Lubricants Under Machining-Like Conditions. Procedia CIRP, 2018, 77, 401-404.	1.9	22
3	Tribology of solid-lubricated liquid carbon dioxide assisted machining. CIRP Annals - Manufacturing Technology, 2020, 69, 69-72.	3.6	19
4	Determination of friction coefficient in cutting processes: comparison between open and closed tribometers. Procedia CIRP, 2019, 82, 101-106.	1.9	17
5	The influence of single-channel liquid CO ₂ and MQL delivery on surface integrity in machining of Inconel 718. Procedia CIRP, 2020, 87, 164-169.	1.9	17
6	The effects of liquid-CO ₂ cooling, MQL and cutting parameters on drilling performance. CIRP Annals - Manufacturing Technology, 2021, , .	3.6	15
7	Cutting forces and chip morphology in LCO ₂ + MQL assisted robotic drilling of Ti6Al4V. Procedia CIRP, 2021, 102, 299-302.	1.9	9
8	Tribological Effect of Lubricated Liquid Carbon Dioxide on TiAl6V4 and AISI1045 under Extreme Contact Conditions. Procedia Manufacturing, 2020, 47, 511-516.	1.9	8