

# Daniel Gauder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9887336/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	In-process acoustic pore detection in milling using deep learning. CIRP Journal of Manufacturing Science and Technology, 2022, 37, 125-133.	4.5	5
2	Comparative analysis between single flank rolling test for micro gears and analytical simulation of optical measurements. TM Technisches Messen, 2022, 89, 580-593.	0.7	3
3	Inline qualification of focus variation metrology for a series production of micro gears. TM Technisches Messen, 2022, 89, 594-611.	0.7	3
4	Balancing the trade-off between measurement uncertainty and measurement time in optical metrology using design of experiments, meta-modelling and convex programming. CIRP Journal of Manufacturing Science and Technology, 2021, 35, 209-216.	4.5	9
5	Development of a methodical approach for uncertainty quantification and meta-modeling of surface hardness in white layers of longitudinal turned AISI4140 surfaces. TM Technisches Messen, 2021, 88, 661-673.	0.7	3
6	Virtual In-line Inspection for Function Verification in Serial Production by means of Artificial Intelligence. Procedia CIRP, 2020, 92, 63-68.	1.9	8
7	Experimental identification of a surface integrity model for turning of AISI4140. Procedia CIRP, 2020, 87, 83-88.	1.9	6
8	Funktionsorientierte Qualitätssicherung von Mikrozahnradern hinsichtlich des Geräuschverhaltens. TM Technisches Messen, 2019, 86, 469-477.	0.7	9