

# Christopher Gottlieb Klingaa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1571531/publications.pdf>

Version: 2024-02-01

8  
papers

95  
citations

1684188  
5  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

63  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scale attachment and detachment: The role of hydrodynamics and surface morphology. Chemical Engineering Journal, 2022, 430, 132583.	12.7	16
2	Towards a digital twin of laser powder bed fusion with a focus on gas flow variables. Journal of Manufacturing Processes, 2021, 65, 312-327.	5.9	22
3	Characterization of Geometry and Surface Texture of AlSi10Mg Laser Powder Bed Fusion Channels Using X-ray Computed Tomography. Applied Sciences (Switzerland), 2021, 11, 4304.	2.5	3
4	Realistic design of laser powder bed fusion channels. Rapid Prototyping Journal, 2020, 26, 1827-1836.	3.2	4
5	Part-scale thermo-mechanical modelling of distortions in Laser Powder Bed Fusion – Analysis of the sequential flash heating method with experimental validation. Additive Manufacturing, 2020, 36, 101508.	3.0	20
6	Investigation of the roughness variation along the length of LPBF manufactured straight channels. Nondestructive Testing and Evaluation, 2020, 35, 304-314.	2.1	9
7	Characterization of channels made by laser powder bed fusion and binder jetting using X-ray CT and image analysis. Additive Manufacturing, 2020, 36, 101445.	3.0	16
8	Additive manufacturing of metal components – process-material interaction in different process chains. IOP Conference Series: Materials Science and Engineering, 2019, 580, 012006.	0.6	5