

# Felix FrÃ¶mel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4298911/publications.pdf>

Version: 2024-02-01

9  
papers

227  
citations

1478505

6  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxide dispersion-strengthened alloys generated by laser metal deposition of laser-generated nanoparticle-metal powder composites. <i>Materials and Design</i> , 2018, 154, 360-369.	7.0	82
2	Investigation of the anisotropic cyclic damage behavior of selective laser melted AISI 316L stainless steel. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 2422-2430.	3.4	42
3	Laser additive manufacturing of oxide dispersion strengthened steels using laser-generated nanoparticle-metal composite powders. <i>Procedia CIRP</i> , 2018, 74, 196-200.	1.9	33
4	Microstructural Characterization of the Anisotropy and Cyclic Deformation Behavior of Selective Laser Melted AlSi10Mg Structures. <i>Metals</i> , 2018, 8, 825.	2.3	33
5	Non-destructive characterization of process-induced defects and their effect on the fatigue behavior of austenitic steel 316L made by laser-powder bed fusion. <i>Progress in Additive Manufacturing</i> , 2020, 5, 287-294.	4.8	15
6	Impact of single structural voids on fatigue properties of AISI 316L manufactured by laser powder bed fusion. <i>International Journal of Fatigue</i> , 2021, 148, 106207.	5.7	14
7	Uniform fatigue damage tolerance assessment for additively manufactured and cast Al-Si alloys: An elastic-plastic fracture mechanical approach. <i>Additive Manufacturing Letters</i> , 2022, 3, 100054.	2.1	5
8	Position-dependent mechanical characterization of the PBF-EB-manufactured Ti6Al4V alloy. <i>Progress in Additive Manufacturing</i> , 2022, 7, 249-260.	4.8	3
9	The impact of additive manufacturing on the mechanical properties of a stainless precipitation hardening steel. <i>Science and Technology of Advanced Materials Methods</i> , 0, , .	1.3	0