

# Felix FrÃ¶mel

## List of Publications by Year in descending order

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9  
papers

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1478505

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1588992

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docs citations

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252  
citing authors

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