

# Shuqian Fan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7255121/publications.pdf>

Version: 2024-02-01

11  
papers

211  
citations

1163117

8  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	TiC/Ti6Al4V functionally graded composite fabricated by in-situ laser additive manufacturing via gas-liquid reaction. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163406.	5.5	11
2	Prediction of powder bed thickness by spatter detection from coaxial optical images in selective laser melting of 316L stainless steel. <i>Materials and Design</i> , 2022, 213, 110301.	7.0	13
3	Ti6Al4V matrix composites fabricated by laser powder bed fusion in dilute nitrogen. <i>Materials Science and Technology</i> , 2022, 38, 207-214.	1.6	4
4	Fabrication of biomimetic anisotropic super-hydrophobic surface with rice leaf-like structures by femtosecond laser. <i>Optical Materials</i> , 2021, 112, 110740.	3.6	30
5	In-situ laser additive manufacturing of Ti6Al4V matrix composites by gas-liquid reaction in dilute nitrogen gas atmospheres. <i>Materials and Design</i> , 2021, 202, 109578.	7.0	25
6	The Formation of Humps and Ripples During Selective Laser Melting of 316L Stainless Steel. <i>Jom</i> , 2020, 72, 1128-1137.	1.9	12
7	Agglomeration-free nanoscale TiC reinforced titanium matrix composites achieved by in-situ laser additive manufacturing. <i>Scripta Materialia</i> , 2020, 187, 310-316.	5.2	50
8	Melt pool boundary extraction and its width prediction from infrared images in selective laser melting. <i>Materials and Design</i> , 2019, 183, 108110.	7.0	42
9	Numerical Analysis of Molten Pool Behavior and Spatter Formation with Evaporation During Selective Laser Melting of 316L Stainless Steel. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 2273-2283.	2.1	15
10	Thermal Behavior During the Selective Laser Melting Process of Ti-6Al-4V Powder in the Point Exposure Scan Pattern. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 2804-2814.	2.1	6
11	Parametric surface and properties defined on parallelogrammic domain. <i>Journal of Computational Design and Engineering</i> , 2014, 1, 27-36.	3.1	3