

# Joel Strickland

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3492469/publications.pdf>

Version: 2024-02-01

8  
papers

109  
citations

1478505  
6  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

98  
citing authors

#	ARTICLE	IF	CITATIONS
1	On Directional Dendritic Growth and Primary Spacing – A Review. <i>Crystals</i> , 2020, 10, 627.	2.2	33
2	Rapid production of pillar structures on the surface of single crystal CMSX-4 superalloy by femtosecond laser machining. <i>Optics and Lasers in Engineering</i> , 2020, 127, 105941.	3.8	19
3	On the nature of hexagonality within the solidification structure of single crystal alloys: Mechanisms and applications. <i>Acta Materialia</i> , 2020, 200, 417-431.	7.9	16
4	Automatic Recognition of Dendritic Solidification Structures: DenMap. <i>Journal of Imaging</i> , 2020, 6, 19.	3.0	16
5	On the origin of mosaicity in directionally solidified Ni-base superalloys. <i>Acta Materialia</i> , 2021, 217, 117180.	7.9	14
6	2D single crystal Bragg-dip mapping by time-of-flight energy-resolved neutron imaging on IMAT@ISIS. <i>Scientific Reports</i> , 2020, 10, 20751.	3.3	8
7	GAKT <sub>pore</sub> : Stereological Characterisation Methods for Porous Foams in Biomedical Applications. <i>Materials</i> , 2021, 14, 1269.	2.9	2
8	Applying Stereological Characterisation to the Solidification Structure of Single Crystal Alloys to Deduce the 3D Macroscopic Solid/Liquid Interface Shape. <i>Minerals, Metals and Materials Series</i> , 2021, , 15-25.	0.4	1