

# Joel Strickland

## List of Publications by Year in descending order

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

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8  
papers

109  
citations

1478505  
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1588992  
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docs citations

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times ranked

98  
citing authors

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