

# David Montiel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8988485/publications.pdf>

Version: 2024-02-01

7  
papers

56  
citations

2258059

3  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

84  
citing authors

#	ARTICLE	IF	CITATIONS
1	A thermal-gradient approach to variable-temperature measurements resolved in space. Journal of Applied Crystallography, 2020, 53, 662-670.	4.5	19
2	Evolution of microstructural length scales during solidification of magnesium alloys. Acta Materialia, 2012, 60, 3287-3295.	7.9	17
3	Characterization of late-stage equiaxed solidification of alloys. Acta Materialia, 2014, 77, 183-190.	7.9	10
4	<i>In situ</i> temperature profile measurements with high-energy X-rays as a probe of optical floating zone crystal growth environment. Journal of Applied Crystallography, 2020, 53, 982-990.	4.5	3
5	Automated extraction of physical parameters from experimentally obtained thermal profiles using a machine learning approach. Computational Materials Science, 2021, 194, 110459.	3.0	3
6	Thin-Film Paradigm to Probe Interfacial Diffusion during Solid-State Metathesis Reactions. Chemistry of Materials, 2022, 34, 6279-6287.	6.7	3
7	Sample environment effects on synchrotron-measured temperature profiles in an approximant of optical floating zone crystal growth. Journal of Crystal Growth, 2021, 574, 126331.	1.5	1