

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