

Sadik Dost

List of Publications by Year in descending order

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7
papers

88
citations

1478505

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1720034

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7
docs citations

7
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Global simulation of the induction heating TSSG process of SiC for the effects of Marangoni convection, free surface deformation and seed rotation. Journal of Crystal Growth, 2017, 470, 75-88.	1.5	29
2	Bayesian optimization for a high- and uniform-crystal growth rate in the top-seeded solution growth process of silicon carbide under applied magnetic field and seed rotation. Journal of Crystal Growth, 2020, 532, 125437.	1.5	20
3	Numerical investigation of the effect of static magnetic field on the TSSG growth of SiC. Journal of Crystal Growth, 2018, 498, 140-147.	1.5	14
4	Optimal Control of SiC Crystal Growth in the RF-TSSG System Using Reinforcement Learning. Crystals, 2020, 10, 791.	2.2	9
5	Explainable machine learning for the analysis of transport phenomena in top-seeded solution growth of SiC single crystal. Journal of Thermal Science and Technology, 2021, 16, JTST0009-JTST0009.	1.1	7
6	Adjoint-based sensitivity analysis for the optimal crucible temperature profile in the RF-Heating TSSG-SiC crystal growth process. Journal of Crystal Growth, 2019, 517, 59-63.	1.5	6
7	Numerical Study of Three-Dimensional Melt Flows during the TSSG Process of SiC Crystal for the Influence of Input Parameters of RF-Coils and an External Rotating Magnetic Field. Crystals, 2020, 10, 111.	2.2	3