

Nancy Senabulya

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

172
citations

1307594

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1125743

13
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18
all docs

18
docs citations

18
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilization of orthorhombic phase in single-crystal ZnSnN ₂ films. AIP Advances, 2016, 6, .	1.3	38
2	Alloy-Free Band Gap Tuning across the Visible Spectrum. Physical Review Letters, 2019, 122, 256403.	7.8	37
3	Dynamics of particle-assisted abnormal grain growth revealed through integrated three-dimensional microanalysis. Acta Materialia, 2020, 195, 1-12.	7.9	24
4	Understanding Strain-Induced Phase Transformations in BiFeO ₃ Thin Films. Advanced Science, 2015, 2, 1500041.	11.2	15
5	Printing of small molecular medicines from the vapor phase. Nature Communications, 2017, 8, 711.	12.8	12
6	Growth of ordered and disordered ZnSnN ₂ . Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2017, 35, .	1.2	8
7	Origin of thickness dependence of structural phase transition temperatures in highly strained BiFeO ₃ thin films. APL Materials, 2016, 4, 036106.	5.1	7
8	On the kinetic and equilibrium shapes of icosahedral Al ₇₁ Pd ₁₉ Mn ₁₀ quasicrystals. Scripta Materialia, 2018, 146, 218-221.	5.2	6
9	PolyProc: A Modular Processing Pipeline for X-ray Diffraction Tomography. Integrating Materials and Manufacturing Innovation, 2019, 8, 388-399.	2.6	6
10	Coarsening of dendrites in solution-based freeze-cast ceramic systems. Acta Materialia, 2021, 215, 117039.	7.9	6
11	In-situ evidence for impurity-induced formation of eutectic colonies in an interdendritic liquid. Materials Letters, 2021, 292, 129637.	2.6	5
12	Growth Parameter Based Control of Cation Disorder in MgSnN ₂ Thin Films. Journal of Electronic Materials, 2021, 50, 2949-2955.	2.2	5
13	Thin Films: Understanding Strain-Induced Phase Transformations in BiFeO ₃ Thin Films (Adv. Sci. 8/2015). Advanced Science, 2015, 2, .	11.2	1
14	The Dynamics of Abnormal Grain Growth in a Particle-Containing System: Integration of 3D Experimental Data into a Capillarity Driven Model. Microscopy and Microanalysis, 2019, 25, 424-425.	0.4	1
15	Strain And Symmetry-induced Structural Transitions in Ultra-thin BiFeO ₃ Films. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C1610-C1610.	0.1	0
16	Growth and coarsening of Al ₇₁ Pd ₁₉ Mn ₁₀ quasicrystals: New insights from synchrotron X-ray tomography. , 0, , .		0
17	Now showing in 4D: Quasicrystal growth and dissolution. , 0, , .		0