

Manoj Settem

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

63
citations

1478505

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1588992

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10
all docs

10
docs citations

10
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Tempering of Au nanoclusters: capturing the temperature-dependent competition among structural motifs. <i>Nanoscale</i> , 2022, 14, 939-952.	5.6	14
2	Surface reconstruction in core@shell nanoalloys: interplay between size and strain. <i>Acta Materialia</i> , 2022, , 118038.	7.9	4
3	Understanding the strain-dependent structure of Cu nanocrystals in Ag@Cu nanoalloys. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26165-26177.	2.8	5
4	On the nature of the structural transitions between anti-Mackay stacking, chiral stacking and their thermal stability in AgCu nanoalloys. <i>Computational Materials Science</i> , 2020, 184, 109822.	3.0	7
5	Novel structural motifs: Chiral AgCu nanoalloys with chiral Cu core. <i>Journal of Alloys and Compounds</i> , 2020, 844, 155816.	5.5	9
6	Role of core-shell energetics on anti-Mackay, chiral stacking in AgCu nanoalloys and thermally induced transition to chiral stacking. <i>Scientific Reports</i> , 2020, 10, 3296.	3.3	6
7	On the structural analysis of ordered B2 AlNi nanoparticles obtained using freezing simulations. <i>Intermetallics</i> , 2019, 106, 115-123.	3.9	2
8	On the effect of relative stabilities of FCC-like and HCP-like atoms on structure of FCC silver nanoclusters. <i>Computational Materials Science</i> , 2018, 148, 266-271.	3.0	4
9	Influence of supporting amorphous carbon film thickness on measured strain variation within a nanoparticle. <i>Nanoscale</i> , 2017, 9, 17054-17062.	5.6	6
10	Evolution of texture and nature of grain growth on annealing nanocrystalline Ni and Ni-18.5%Fe in air. <i>Materials Express</i> , 2013, 3, 99-108.	0.5	6