Manoj Settem

List of Publications by Year
in descending order

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10 papers	63 citations	1478505 6 h-index	1588992 8 g-index
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. Nanoscale, 2022, 14, 939-952.	5.6	14
2	Novel structural motifs: Chiral AgCu nanoalloys with chiral Cu core. Journal of Alloys and Compounds, 2020, 844, 155816.	5.5	9
3	On the nature of the structural transitions between anti-Mackay stacking, chiral stacking and their thermal stability in AgCu nanoalloys. Computational Materials Science, 2020, 184, 109822.	3.0	7
4	Evolution of texture and nature of grain growth on annealing nanocrystalline Ni and Ni-18.5%Fe in air. Materials Express, 2013, 3, 99-108.	0.5	6
5	Influence of supporting amorphous carbon film thickness on measured strain variation within a nanoparticle. Nanoscale, 2017, 9, 17054-17062.	5.6	6
6	Role of core-shell energetics on anti-Mackay, chiral stacking in AgCu nanoalloys and thermally induced transition to chiral stacking. Scientific Reports, 2020, 10, 3296.	3.3	6
7	Understanding the strain-dependent structure of Cu nanocrystals in Agâ€“Cu nanoalloys. Physical Chemistry Chemical Physics, 2021, 23, 26165-26177.	2.8	5
8	On the effect of relative stabilities of FCC-like and HCP-like atoms on structure of FCC silver nanoclusters. Computational Materials Science, 2018, 148, 266-271.	3.0	4
9	Surface reconstruction in core@shell nanoalloys: interplay between size and strain. Acta Materialia, 2022, , 118038.	7.9	4
10	On the structural analysis of ordered B2 AlNi nanoparticles obtained using freezing simulations. Intermetallics, 2019, 106, 115-123.	3.9	2