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2. Aman Kumar Lal Das, Avnish Singh Pal, Gaurav Dilip Rout, Joysurya Basu, □ ***Microstructural evolution and phase stability in semi Heusler NiMnSb and Vanadium added NiMnSbV alloys***, Journal of Alloys and Compounds 942(2023).
3. Aman Kumar Lal Das, Avnish Singh Pal, Yagnesh Shadangi, Joysurya Basu, ***Configurational entropy stabilized NiMnSb and NiMnSbV medium-entropy alloy through high-energy ball milling***, Intermetallics (Under Review).
4. Avnish Singh Pal, Aman Kumar Lal Das, Ankit Singh, Kevin M. Knowles, Md. Imteyaz Ahmad, Joysurya Basu, ***Evolution of a self-assembled chessboard nanostructure spinel in a CoFeGaMnZn multicomponent oxide***, Philos. Mag. Feb 2022, pp. 1-15.
5. Avnish Singh Pal, Aman Kumar Lal Das, K. Gururaj, M. Sadhasivam, Kevin M. Knowles, Md. Imteyaz Ahmad, K. G. Pradeep, J.Basu, ***Nanoarchitecture of self-assembled chessboard by recurrent phase separation and coalescence of nano domains in CoFeMn oxide***, Acta Materialia 242(2023).
6. Avnish Pal, Aman Kumar Lal Das, Manish Singh, Chanchal Ghosh, Paul Kotula, C. Barry Carter and Joysurya Basu, ***Microstructural Evolution of Chessboard like Nanodomains in Mn-doped ZnGaO₄ Spinel***, Microsc. Microanal. 27, 1, 2021, pp. 2418-2419.
7. Subhasis Sinha, Vivek K Sahu, Vikrant Berua, Reshma Sonkusare, Rajib Kalsar, Aman K L Das, Joysurya Basu, Nilesh P Gurao, Krishanu Biswas, ***Initial texture dependence of nanocrystalline omega phase formation during high-pressure torsion of commercially pure titanium***, Materials Science and Engineering A, 802, 2021

List of Conference Presentations

1. Electron Microscopy Investigation of Growth Mechanism and Interfaces of ZnO Nanorods on Insulating, Semiconducting Surfaces Electron Microscopy Society of India (**EMSI**), Avnish Singh Pal, Aman Kumar Lal Das and Joysurya Basu.
Chennai, India, 2017
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