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## List of Publication

1. **Jyoti**, Manish Tiwari, Aman Singh, Hemant Kumar Vinay Kumar Singh, Effect of different carbon and silicon source for the preparation of  $ZrB_2$ -SiC composite powder: A comparative study, Silicon, 2023 (**Impact Factor-3.4**)
2. **Jyoti**, Manish Tiwari, Aman Singh, Vinay Kumar Singh, The microstructural and mechanical behavior of in-situ synthesized  $ZrB_2$ -ZrC and  $ZrB_2$ -SiC-ZrC composites: A comparative study, Vacuum, Vol 214, 2023, 112199 (**Impact Factor-4**)
3. **Jyoti**, Manish Tiwari, Aman Singh, Vinay Kumar Singh, Effect of SiC on ablation mechanism and morphological evolution of in situ synthesized  $ZrB_2$ -SiC composites, Materials Chemistry and Physics, 297, 2023, 1274396. (**Impact Factor-4.6**)
4. **Jyoti**, Manish Tiwari, Vinay Kumar Singh, Influence of SiC content to control the morphology of in-situ synthesized  $ZrB_2$ -SiC composite through a single-step reduction process, Vacuum, vol 203, 2022, 111251. (**Impact Factor-4**)