

PUBLICATIONS:

1. “A comparative study on bonding systems in alumina-silicon carbide-carbon-based trough castable”, **Venkatesh Pilli^{1*}** and Ritwik Sarkar, *Ironmaking & Steelmaking*, 43.9 (2016): 705-711.
2. “Effect of spinel content on the properties of Al₂O₃-SiC-C based trough castable”, **Venkatesh Pilli^{1*}** and Ritwik Sarkar, *Ceramics International* 42.2 (2016): 2969-2982.
3. “Nanocarbon containing Al₂O₃-C continuous casting refractories: Effect of graphite content”, **Venkatesh Pilli^{1*}** and Ritwik Sarkar, *Journal of Alloys and Compounds* 735 (2018): 1730-1736.
4. “Study on the nanocarbon containing Al₂O₃-C continuous casting refractories with reduced fixed carbon content”, **Venkatesh Pilli^{1*}** and Ritwik Sarkar, *Journal of Alloys and Compounds* 781 (2019): 149-158.
5. “Effect of mixing on the properties of nanocarbon containing Al₂O₃-C continuous casting refractories”, **Venkatesh Pilli^{1*}** and Ritwik Sarkar, *International Journal of Applied Ceramic Technology* 17.2 (2019): 637-644.
6. “Carbon sources for alumina-carbon functional refractories: An overview”, **Venkatesh Pilli^{1*}** and Ritwik Sarkar, *Emerging Materials Research*, 9.2 (2020): 308-316.
7. “Low carbon containing Al₂O₃-C refractories with nanocarbon as the sole carbon source”, **Venkatesh Pilli^{1*}** and Ritwik Sarkar, *Ceramics International*, 46.8 (2020): 12812-12821.
8. “Nanocarbon containing low carbon Al₂O₃-C refractories: Comparison between N220 and N990 nanocarbons”, **Venkatesh Pilli^{1*}**, Sudha Priyadarshini and Ritwik Sarkar, *International Journal of Applied Ceramic Technology*, 19.5 (2022): 2761-2779.
9. Phase stability and synthesis of high entropy perovskite oxide materials: An overview, Barnasree Chanda, Jayanta Mukhopadhyay and **Venkatesh Pilli^{*}**, *IIC-Indian Journal of Ceramics*, 1.1 (2023): 1-6.