

1. Publication List:

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8. Study of plutonium recovery from acidic feed using polyethersulfone encapsulating TBP, DEHPA, and mixture of TBP and DEHPA beads, Satya Ranjan Guchhait, Kankan Patra, Kartikey K. Yadav, **D.K. Singh**, Arijit Sengupta, T. P. Valsala, D.B. Sathe & R.B. Bhatt, Separation Science Technology, 58 (2023) Nos.15-16, 2846-2855.

9. Studies on synthesis, densification and characterization of neodymium hexaboride, T R C Murthy, J Sonber, B.Paul, S. Majumdar, K Sairam, D.K.Sahoo, **D.K.Singh**, International Journal of Applied Ceramic Technology, 2024; 21: 1425-1437.
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2. Dhruva Kumar Singh, Kartikey Kumar Yadav, Alok Awasthi, R.Tewari "Rare Earth Elements: Challenges, Opportunities and Application" in Nuclear Materials (in press) SIRD, BARC (2024).

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1. Tailored Polyethersulfone Beads with TiAP/DEHPA for Enhanced Plutonium (IV) Separation from Aqueous Acidic Feed, S.R. Guchhait, P.J. Wagh, Partha Sarathi, A. Kelkar, D.B.Sathe, R.B. Bhatt, Kartikey K. Yadav, D.K. Singh, NUCAR-2025.
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10. Rare earths resource processing for establishing value supply chain, **Dhruva Kumar Singh**, *ibid*, Page No. 28.
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