

Magnetron Sputtering deposition of metallic-based nanostructured coatings for nuclear energy applications

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- [1] C. F. Smith and L. Cinotti, “*Lead-cooled Fast Reactors (LFRs)*” in Handbook of Generation IV Nuclear Reactors, ser. Woodhead Publishing Series in Energy (2023)
- [2] X. Gong et al., *Prog. Mat. Sci.* **126**, 100929 (2022)
- [3] E. Serag et al., *Surf. Coat. Tech.* **441**, 128542 (2022)
- [4] J. T. Gudmundsson, *Plasma Sources Sci. Technol.* **29**, 113001 (2020)

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