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Journal publication Details:

- 1, Evaluation of mechanical and metallurgical properties of cryo-treated tungsten carbide with 25% cobalt, Padmakumar Muthuswamy, D Dinakaran, Materials Today: Proceedings, 2020.
- 2, Design and parametric investigations of permanent magnet adhesion mechanism for robots climbing on reinforced concrete walls, MO Tokhi, TP Sattar, CLAWAR 2020: 23rd International Conference on Climbing and **Walking Robots ...**
- 3, Improvement of chatter stability in boring operations with semi active magneto-rheological fluid damper, L Prabhu, SS Kumar, D Dinakaran, R Jawahar, Materials Today: Proceedings. 2020
- 4, Investigations on the effect of wall thickness on magnetic adhesion for wall climbing robots, J Jose, D Dinakaran, MM Ramya, RM Kuppan Chetty, MO Tokhi, ..., International Journal of Robotics and Automation. 2020.
- 5, Monitoring of drill runout using least square support vector machine classifier JS Mary, MAS Balaji, A Krishnakumari, RS Nakandhrakumar, ... Measurement 146, 24-34, 2019.
- 6, Erratum: Influence of Cryo-processing on properties of tungsten carbide with low, medium and high cobalt content (2019 Mater. Res. Express 6 106597)M

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16, Tribological behaviour of cryogenically treated WC-9Co cemented carbide M Padmakumar, D Dinakaran, J Guruprasath Materials Today: Proceedings 5 (2), 7797-7807, 2018.

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18, Characterization of cryogenically treated cemented carbide, M Padmakumar, D Dinakaran, J Guruprasath Integrated Ferroelectrics 185 (1), 65-72, 2017

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