

## Publications from RIB project group

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2. Theoretical and experimental studies of multi-port RF power feeding in rod-type radio frequency quadrupole (RFQ) linac, H. K. Pandey, S. Dechoudhury, and V. Naik , AIP Advances 12, 085028 (2022)
3. Development and testing of 37.8 MHz, 3.0 kW RF amplifier system for Radioactive Ion Beam facility at VECC Kolkata, H.K. Pandey, A.K. Jain,T.K. Mandi and D.P. Dutta, Journal of Instrumentation, 17 T09005 (2022).
4. First-principles study of magnetic properties of the cobalt doped silver copper sulphide, S Moshat, S Ghosh and D Sanyal, Comp. Cond. Matter 31 (2022) e00680.
5. Experimental study on transit time broadening in rubidium 5S-5D excitation, Vinay Shukla and Ayan Ray, Applied Optics Vol. 61, Issue 16, pp. 4719-4724 (2022), <https://doi.org/10.1364/AO.455563>.
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14. Microstructural characterisation of 160 MeV oxygen irradiated niobium, A Dutta, P Mukherjee, N Gayathri, S Dey, S Neogy, Tapatee Kundu Roy, Philosophical Magazine 101 (2021) 1801-1822.
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