List of publications

1. R. Kar and A. Misra, **Increase in temperature of a ferromagnetic substance in RF magnetic field**, *J. Magn. Magn. Mater.* **322,** (2010) 671.

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2. R. Kar and A. Misra, **Rise of Temperature in Ferromagnetic Nanoparticles Due to Perpendicular Pumping**, *Nanosci. Nanotechnol. Lett.* **2**, (2010) 253.

[Chapter 3]

3. R. Kar, A. Misra, N.H. March and D.J. Klein, **Bose–Einstein condensation of magnons in ferromagnetic thin films,** Phase Transitions **85**, (2012) 831.

[Chapter 5]

4. R. Kar, T. Goswami, B. C. Paul, and A. Misra, **On magnon mediated Cooper pair formation in ferromagnetic superconductors,** AIP Advances **4**, (2014) 087126.

[Chapter 6]

5. R. Kar, B. C. Paul, and A. Misra, **Unconventional superconductivity in iron pnictides**, communicated.

[Chapter 7]

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