

List of Publications

This work gets resulted in to following publications

1. **Magnetodielectric relaxation in $\text{Ho}_2\text{Ti}_2\text{O}_7$ and $\text{Dy}_2\text{Ti}_2\text{O}_7$ Spin Ice; Pramod K. Yadav & Chandan Upadhyay, Journal of Superconductivity and Novel Magnetism (2018). doi.org/10.1007/s10948-018-4957-4.**
2. **Effect of A-site Fe substitution on the magnetic behavior of $\text{Dy}_2\text{Ti}_2\text{O}_7$ Spin Ice; Pramod K. Yadav, Pappu Kumar Harijan, Abhishek Tripathi & Chandan Upadhyay, Journal of Magnetism and Magnetic Materials **481**, 221–226 (2019).**
3. **Quantum criticality in geometrically frustrated $\text{Ho}_2\text{Ti}_2\text{O}_7$ and $\text{Dy}_2\text{Ti}_2\text{O}_7$ spin ices; Pramod K. Yadav & Chandan Upadhyay, Journal of Magnetism and Magnetic Materials **482**, 44–49 (2019).**
4. **Dielectric relaxations in $\text{Ho}_2\text{Ti}_2\text{O}_7$ and $\text{Dy}_2\text{Ti}_2\text{O}_7$ pyrochlores; Pramod K. Yadav, Martin Tolkiehn & Chandan Upadhyay, Journal of Physics and Chemistry of Solids **134**, 201–208 (2019).**
5. **Effect of B-site substitution on structural, magnetic and optical Properties of $\text{Ho}_2\text{Ti}_2\text{O}_7$ pyrochlore oxide; Pramod K. Yadav, Pinki Singh, Manjari Shukla, Soma Banik & Chandan Upadhyay, Journal of Physics and Chemistry of Solids **138**, 109267 (2020).**
6. **Signature of correlated quantum tunneling and thermal dephasing in quantum-classical coupled $\text{Ho}_2\text{Ti}_2\text{O}_7$ and $\text{Dy}_2\text{Ti}_2\text{O}_7$ spin ices; Pramod K. Yadav & Chandan Upadhyay, Journal of Magnetism and Magnetic Materials **498**,166133 (2020).**