Published Papers in Journals

[1] Influence of aliovalent doping on dielectric properties of Ba$_{0.6}$Sr$_{0.4}$TiO$_3$ thin film for voltage tunable applications

R B Upadhyay, Sriranganath Annam, M R Patel and U S Joshi


[2] Ba$_{0.6}$Sr$_{0.4}$TiO$_3$ thick film derived by polymer modified MOSD route for tunable microstrip antenna applications


Ferroelectrics Letters Section, VOL. 43 (2016) pp 25–33

[3] Broadband Dielectric Spectroscopy of BiFeO$_3$ thin film up to Ku band Frequency

R B Upadhyay, N C Pandya and U S Joshi


[4] Application-Specific property tuning of thick Ba$_{0.6}$Sr$_{0.4}$TiO$_3$ film for frequency and phase agile devices

R B Upadhyay, S R Annam, M R Patel and U S Joshi

To be communicated.
[5] On-wafer Characterization of Microwave Dielectric Properties of \( \text{Ba}_{0.6}\text{Sr}_{0.4}\text{TiO}_3 \) film on low-loss Quartz substrate using planar capacitor geometry

R B Upadhyay, Nitesh Sharma, S R Annam, M R Patel and U S Joshi

Communicated IEEE Transactions on Ultrasonics, Ferroelectric and Frequency Control (IEEE T-UFFC)

**Full Papers in Conference Proceedings**

[1] Properties of MOSD derived Paraelectric \( \text{Ba}_{0.6}\text{Sr}_{0.4}\text{TiO}_3 \) thin film on low loss substrate with conductive oxide bottom electrode

R B Upadhyay, Sriranganath Annam, M R Patel, Nirav C. Pandya and U S Joshi

Oral presentation at 9\(^{th}\) International Conference on Microwaves, Antenna, Propagation and Remote sensing, 11-14, December, 2013, Jodhpur, India


[2] Structural and Electrical properties of \( \text{Ba}_{0.6}\text{Sr}_{0.4}\text{TiO}_3 \) thin film on LNO/Pt bottom electrode

R B Upadhyay, K Jalaja, U S Joshi

**Awards for the paper presentations:**

1. First price for Best Oral presentation at ICMARS-2013, 9th International Conference on Microwaves, Antenna, Propagation and Remote sensing, 11-14, December, 2013, Jodhpur, India