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**PUBLICATIONS**

***Peer-reviewed International / National Journals (14)***

1. Mohd Anis, S.S. Hussaini, M.D. Shirsat, **R.N Shaikh**, G.G Muley “Analysis of the x-ray diffraction, etching, luminescence, photoconductivity, thermal and dielectric properties of an ADP crystal influenced by the bimetallic additive sodium metasilicate ( $\text{Na}_2\text{SiO}_3$ )” **Mater. Res. Express 3 (2016) 106204.**
2. **R.N. Shaikh**, Mohd. Anis, M. D. Shirsat, S. S. Hussaini “Investigation on fluorescence, third order nonlinear optical and mechanical performance of glycine doped ADP crystal for applications of photonic devices” **Journal of Materials Technology: Advanced Performance Materials**, (2015). DOI 10.1179/1753555715Y.0000000039. ISSN: 1753-5557
3. **R N Shaikh**, Mohd Anis, G. Rabbani, M D Shirsat and S S Hussaini “Studies on optical, thermal, mechanical and dielectric properties of L-Cysteine doped KDP crystal to explore NLO device applications” **Journal of optoelectronics and Advanced Materials, Vol.10- Issue 7-8 (2016) PP 526-531.**
4. Y.B. Rasal, **R.N. Shaikh**, Mohd. Anis, M. D. Shirsat, S. S. Hussaini “Effect of Potassium Thiourea Chloride on Structural and Optical properties of Potassium Dihydrogen phosphate crystal” **Journal of Bionano Frontier, 8 (3), (2015) 165-167.** ISSN: 2320-9593.
5. **R.N. Shaikh**, M.D. Shirsat, P.M. Koinker, S.S. Hussaini “Effect of L-cysteine on optical, thermal and mechanical properties of ADP crystal for NLO application” **Journal of Optics and Laser Technology, Vol 69, (2015) 8-12.**
6. **R.N.Shaikh**, Mohd.Anis, M.D.Shirsat, S.S.Hussaini “Study on optical properties of L-valine doped ADP crystal.” **Journal of Spectrochemica Acta Part A: Molecular and Bimolecuar Spectroscopy, Vol 136, (2014) 1243-1248.**

7. **R.N. Shaikh**, Mohd Anis, M.D. Shirsat, S.S. Hussaini “Studies on linear optical properties of glycine doped DSHP crystals” **Journal of Advances in Applied Sciences and Technology, Special issue of material science, Vol 1, (2014), 13-16**
8. **R.N.Shaikh**, Mohd.Anis, M.D.Shirsat, S.S.Hussaini “A study on Optical, dielectric and NLO Properties of L- alanine added ammonium dihydrogen phosphate single crystal.” **Journal of optoelectronics and Advanced Materials, Vol 16, No 9-10 Sept (2014) PP 1147-1152.**
9. **R.N.Shaikh**, M.D.Shirsat, S.S. Hussaini, R. Machale “Spectral and Optical Studies OF L- Histidine (LH) Doped Malic Acid Crystal” **Journal of Advances in Applied Sciences and Technology Vol.1 (2014) Issue1 PP 11-13.**
10. **R.N.Shaikh**, Mohd.Anis, M.D.Shirsat, S.S.Hussaini “UV-Visible Study and Determination of Optical Constant of L-arginine Maelate Crystal” **Journal of Advances in Applied Sciences and Technology Vol.1 (2014) Issue1 PP 14-16.**
11. Mohd.Anis, **R.N.Shaikh**, M.D.Shirsat, S.S.Hussaini “Investigation of optical and electrical properties of L-Cystein doped zinc thiourea chloride (ZTC) crystal for nonlinear optical (NLO) applications”, **Journal of Optics & Laser Technology, Vol 60, (2014) PP 67-129.**
12. **R.N.Shaikh**, S.R. Mitkar, Mohd Anis, Mahendra D.Shirsat and S.S.Hussaini “Optical Studies of Amino acids doped Ammonium Dihydrogen Phosphate (ADP) crystals for NLO Applications.” **International Journal of Chem Tech Research, Vol.6, (June 2014) No.3, pp 1617-1620.**
13. **R.N.Shaikh**, Mohd.Anis, A.B. Ghambhire, M.D.Shirsat, S.S.Hussaini “Growth, Optical and Dielectric study of pure and Glycine doped Ammonium dihydrogen NLO Crystal: Potential Material for Optoelectronics Applications” **Journal of Material research Express, Vol 1(2014) 015016 doi:10.1088/2053-1591/1/1/015016.**
14. **R.N. Shaikh**, Mohd.Anis, M.D.Shirsat, S.S.Hussaini “Investigation on the Linear and Nonlinear Optical Properties of L-Lysine Doped Ammonium Dihydrogen Phosphate Crystal for NLO Applications” **IOSR Journal of Applied Physics (IOSR-JAP), 6, Issue 1 Ver. I (Jan. 2014), PP 42-46.**