

Last 5-year publications details

1. **Influence of rare earth gadolinium nitrate addition on structural, dielectric, linear and nonlinear optical properties of glycine single crystals.** V.Vijayalakshmi, **P.Dhanasekaran** and N. M. Ganesan. Curriculum Vitae Journal of Crystal Growth, 493 (30-33) (2018)
2. **Effect of nickel sulphate hexahydrate addition on crystal growth, structural, optical and biological applications of glycine single crystals.** V Vijayalakshmi, **P Dhanasekaran**, NM Ganesan. Molecular Crystals and Liquid Crystals 664 (1), 241-250 (2018)
3. **Growth and characterization study of γ -glycine crystal grown using a different mole concentration of zinc sulphate.** V. Vijayalakshmi, P. Dhanasekaran. Journal of Crystal Growth, 498 (372-376) (2018)
4. **Optical, photoconductivity and dielectric studies of zinc sulphate added glycine crystal for photonics applications.** V.Vijayalakshmi, **P. Dhanasekaran**. Optik, 173 (65-70) (2018)
5. **Growth and characterization of α & β polymorphs of L-glutamic acid and its Anticancer & Antibacterial application.** J. Aarthi, **P. Dhanasekaran**, T.S.Senthil and N.M.Ganesan. Crystal research and technology, volume 53 (6) (2018).
6. **Growth and characterization study of α and β polymorphs of L-glutamic acid single crystals in the presence of ammonium sulphate** J. Aarthi, **P. Dhanasekaran**, T.S. Senthil and N.M. Ganesan Journal of Crystal Growth 502, 64-70 (2018).
7. **Growth, structural, optical, thermal and dielectric properties of L-glutamic acid hydrochloride crystal for optoelectronic device applications** J. Aarthi, **P. Dhanasekaran** Journal of Crystal Growth, (506), 79-82(2019).
8. **Growth and Characterization of γ -glycine single crystals for Photonics and Optoelectronic device applications** V. Vijayalakshmi, **P. Dhanasekaran** Curriculum Vitae Journal of Crystal Growth, (506), 117-121(2019).
9. **Growth and Characterization of L-Alanine Potassium Nitrate Single Crystals for Nonlinear Optical Applications** M. Shanmuga Sundaram, V. Vijayalakshmi, **P. Dhanasekaran**, O.N. Balasundaram, S. Palaniswamy Journal of Crystal Growth 506 ,122–126 (2019).
10. **Crystal growth and characterization of γ -glycine grown from AgSO₄ for nonlinear optical applications”** V. Vijayalakshmi & **P. Dhanasekaran** Journal of Crystal Growth 509 44–49,(2019).
11. **Nonlinear optical investigations on novel gadolinium (III) ion doped L-histidine hydrochloride single crystal by solvent evaporation method** N. Poongodi, **P. Dhanasekaran**, N. M. Ganesan and T. S.Senthil Optoelectronics and Advanced Materials – Rapid Communications 13 315-319, (2019).