

Last 5-year publications details

RESEARCH PUBLICATIONS

1. **Improved photoelectrical performance of single crystalline rutile TiO₂ nanorod arrays incorporating α -alumina for high efficiency dye-sensitized solar cells.** N Sriharan, **NM Ganesan**, M Kang, L Kungumadevi, TS Senthil. Materials Letters 237, 204-208 (2019)
2. **Rutile TiO₂ nanorod arrays incorporated with α -alumina for high efficiency dye sensitized solar cells.** N Sriharan, TS Senthil, M Kang, **NM Ganesan**. Applied Physics. 125 (2), 118 (2019)
3. **Nonlinear optical investigations on novel gadolinium (III) ion doped L-histidine hydrochloride single crystal by solvent evaporation method.** N Poongodi, P Dhanasekaran, **NM Ganesan**, TS Senthil. Optoelectronics and Advanced Materials-Rapid Communications, 13, 315-319 (2019)
4. **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)
5. **Influence of rare earth gadolinium nitrate addition on structural, dielectric, linear and nonlinear optical properties of glycine single crystals.** V Vijayalakshmi, P Dhanasekaran, **NM Ganesan**. Journal of Crystal Growth 493, 30-33 (2018)
6. **Growth and Characterization of α and β Polymorphs of L-Glutamic Acid and its Anticancer and Antibacterial Application.** J Aarthi, P Dhanasekaran, TS Senthil, **NM Ganesan**. Crystal Research and Technology 53 (6), 1700190 (2018)
7. **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, TS Senthil, **NM Ganesan**. Journal of Crystal Growth 502, 64-70 (2018)
8. **Importance of carbon (prepared from Azadirachta indica) for photo catalytic applications.** **NM Ganesan**, N Muthukumarasamy, R Balasundaraprabhu, TS Senthil. Optik 126 (22), 3317-3320 (2015)