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List of Publications (International)

1. **K. Sugandhi***, A. Jeya Rajendran, S. Nithya, P. Muthuraja, Balachandar, K. R. Aranganayagam, Dandapani, “Structural and experimental Characterization of a NLO material 4-fluorobenzyl triphenylphosphoniumchloride for frequency conversion applications: A combined Quantum chemical calculations” (Communicated to Journal of Molecular structure)
2. **K. Sugandhi***, R. Balamurugan, R. Prakasam, R. Sengodan, “14-N, N-dimethylamino-4'-N'-methyl-stilbazolium tosylate : An NLO single crystal for Photonic Applications - A Review (Communicated to Asian Journal of Chemistry)
3. S. Nithya, **K. Sugandhi**, P. Muthuraja, S. Balachandar, M. Dhandapani and K. R. Aranganayagam*, “Structural and thermal characteristics of hybrid Co(ii) perovskite crystals”, RASAYAN J. Chem. Vol. 11, No. 3, 999 – 1003 (2018).
4. M. Dhandapani, **K. Sugandhi**, S. Nithya, P. Muthuraja, S. Balachandar, and K. R. Aranganayagam*, “Growth and characterization of metal halide perovskite crystals: Benzyltributyl ammonium tetrachloro manganate(II) monohydrate”, AIP Conference Proceedings 1953, 070017 (2018).
5. A. Jeya Rajendran, **K. Sugandhi**, S. Jerome Das, H. Arul, Effect of chelating ligand, EDTA on the heat of sublimation of the triglycinylzinc(II) chloride - An NLO active single crystal; Materials Research Innovations 1-7; DOI: 10.1080/14328917.2017.1376784 (2017).
6. M. P. Kannan, K. Eswara Moorthi, S. Bharathi, A. Jeya Rajendran*, **K. Sugandhi**; Thermal characterization and non-isothermal kinetics of 4-fluorobenzyltriphenylphosphonium chloride crystal; Journal of Thermal Analysis and Calorimetry, 130(3), 2283–2291 (2017).

7. **K Sugandhi***, M Selvambikai, E. Shobhana; [Growth, non-linear optical, photoconductivity and dielectric characterization of pure and EDTA doped tris-glycine zinc chloride single crystals for LiDAR](#), Optik-International Journal for Light and Electron Optics 127 (3), 1378-1383, **2016**.
8. M Jose, G Viju, G Bhagavannarayana, **K Sugandhi**, SJ Das*; [Vibrational spectroscopic studies of Lithium para nitrophenolate trihydrate single crystal suitable for NLO applications](#), Optik-International Journal for Light and Electron Optics 126 (21), 2994-2998, **2015**.
9. A Jeya Rajendran*, M Prabhu, K Eswara Moorthi, IR Celine Rose, D Santhanaraj, **K Sugandhi**, S Radhika; [Dielectric and conductivity studies of stereo-selectively synthesized d-and l-nor-ephedrine](#), Journal of Thermal Analysis and Calorimetry, 119 (1) 369-379, **2015**.