Last 5 year publications details

1. R Abirami, **T.S. Senthil**, S Kalpana, L Kungumadevi, M Kang, "Hydrothermal Synthesis of Pure PbTiO3 and Silver doped PbTiO3 Perovskite nanoparticles for enhanced Photocatalytic activity", Materials letters 279, (2020) 128507

2. CR Kalaiselvi, P.Ravi, **T.S. Senthil**, M Sathish M. Kang, "Synthesis of Ag and N doped potassium tantalateperovskitenanocubes for enhanced photocatalytic hydrogen evolution", Materials letters 275, (2020) 128166

3. R Jeyachitra, S Kalpana, **T.S. Senthil**, Misook Kang, "Electrical behavior and enhanced photo-catalytic activity of (Ag, Ni) co-doped ZnO nanoparticles synthesized from Co-precipitation technique", Water Science and Technology, 81 (6), (2020), 1296–1307

4. R Abirami, CR Kalaiselvi, L Kungumadevi, TS Senthil, M Kang, "Synthesis and characterization of ZnTiO3 and Ag doped ZnTiO3 perovskite nanoparticles and their enhanced photocatalytic and antibacterial activity", Journal of Solid State Chemistry 281, (2020) 121019

5. M.Chennimalai, **T.S. Senthil**, V.Vijayalakshmi "One-step Green Synthesis of ZnO Nanoparticles using OptuniaFicusIndicaFruit Extract and Their Antibacterial Activities", Adalya Journal, 9 (7), (2020), 343-348

6. M.Chennimalai, J.Y. Do, M. Kang, **T.S. Senthil**, "A facile green approach of ZnO NRs synthesized via Ricinuscommunis L. leaf extract for Biological activities", Materials Science and Engineering: C, 103, (2019), 109844

7. N.Sriharan, **T.S.Senthil**, K. Vignesh, "Fabrication of Hydrophobic Coatings Using Sugarcane Bagasse Waste Ash as Silica Source", Appl. Sci. (2019), 9, 190.

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13. S.Jagadhesan, N. Senthilkumar,V. Senthilnathan and **T.S.Senthil** "Sb doped ZnO nanostructures prepared via co-precipitation approach for the enhancement of MB dye degradation", Mater. Res. Express 5 (2018) 025040

14. S. Jagadhesan, V. Senthilnathan, **T.S.Senthil**, "Nanoflakes like Bi doped ZnO nanostructures prepared via Co-Precipitation approach for the enhancement of dye degradation", Optoelectronics And Advanced Materials – Rapid Communications, 12, (5-6), 2018, p. 360 – 365.

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