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1. **Kathirvel, P**. "Direct synthesis and characterization of high-quality tin oxide nanopowders by in-flight oxidation of flame." *Optoelectronics and Advanced Materials-Rapid Communications* 14, no. 1-2 (2020): 73-77.
2. Rohith, N. M., **P. Kathirvel**, S. Saravanakumar, and Lakshmi Mohan. "Influence of Ag doping on the structural, optical, morphological and conductivity characteristics of ZnO nanorods." *Optik* 172 (2018): 940-952.
3. Prabhu, P. Sivarama, **P. Kathirvel**, and H. B. Ramalingam. "Synthesis of pure and Cr doped Zinc Sulfide nanoparticles for charge transport layers applications." *Materials Today: Proceedings* 5, no. 8 (2018): 16466-16471.
4. Ramasamy, Easwaramoorthi, **P. Kathirvel**, Koppoju Suresh, Ganapathy Veerappan, and S. Kumar. "Rapid and scalable synthesis of crystalline tin oxide nanoparticles with superior photovoltaic properties by flame oxidation." *MRS Communications* 7, no. 4 (2017): 862-866.
5. Raja, M., J. Chandrasekaran, M. Balaji, and **P. Kathirvel**. "Investigation of microstructural, optical and dc electrical properties of spin coated Al: WO_3 thin films for n-Al: WO_3/p-Si heterojunction diodes." *Optik* 145 (2017): 169-180.
6. **Kathirvel, P**., J. Chandrasekaran, D. Manoharan, and S. Kumar. "Deposition and characterization of alpha alumina thin films prepared by chemical bath deposition." *Optik-International Journal for Light and Electron Optics* 126, no. 19 (2015): 2177-2179.
7. Manoharan, D., J. Chandrasekaran, S. Maruthamuthu, **P. Kathirvel**, and P. Jayamurugan. "Synthesis of poly (aniline-co-o-toluidine) nanocolloidal particles in aqueous poly (styrene sulfonic acid) by dispersion polymerization method." *Journal of Nanostructure in Chemistry* 5, no. 1 (2015): 115-122.