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LIST OF PUBLICATIONS

1. Akila Yuvapragasam, N Muthukumarasamy, S Agilan, **Saravanakumar M**, Dhayalan Velauthapillai, TS Senthil, and Senthilarasu Sundaram, "Natural dye sensitized TiO₂ nanorods assembly of broccoli shape based solar cells", *Journal of Photochemistry and Photobiology B: Biology*, Vol. 148, 2015, 223-31.
2. **Saravanakumar M**, Agilan S, Muthukumarasamy N, Rukkumani V & Marusmy A, "Effect of Mn doping on the structural, optical and magnetic properties of SnO₂ Nanoparticles", *Acta Physica Polonica A*, vol.127, 2015, 1656-1660.
3. **Saravanakumar M**, Agilan S, Muthukumarasamy N, Rukkumani V & Marusmy A, "Photoluminescence Studies on Nanocrystalline Pure and Cr Doped Tin Oxide Powder", *International Journal of Chem Tech Research*, 2015, vol. 6, 5429-5432.
4. **Saravanakumar, M**, Jeevitha, N, Prabakaran, K, "Structural and luminescence characteristics of nanocrystalline SnO₂ doped with Co²⁺", *Journal of Ovonic Research*, Vol. 12, 2016 64- 69
5. Rukkumani, V, Devarajan, N & **Saravanakumar, M**, "Fabrication of SRAM Memory Devices using Co-doped SnO₂ nanoparticles", *Journal of Ovonic Research*, Vol. 13, 2017, 1-5.
6. M. Umadevi, **M. Saravanakumar** and K. Rathina, "Compositional Analysis, Optical Absorption Analysis, Photoluminescence and Magnetic Properties Effect of Mn Doping on SnO₂ Nanoparticles", *International Journal of Trend in Research and Development*, 2017, Vol. 4, 463-467.
7. Prabakaran K, **Saravanakumar M**, Senthil V, "Effect of Cr-doping on the structural, optical and magnetic properties of ZnS nanoparticles prepared by chemical precipitation method", *International Journal of advancement in Engineering technology, Management and Applied Science (IJAETMAS)*, Vol. 03, 2017, 105-115.
8. M. Dinesh, R. Ravindran, V. Rukkumani, K. Srinivasan and **M. Saravanakumar**, "Effect of Oxygen Vacancy on Structural, Optical and Magnetic Behavior of Tin Oxide Nanoparticles", Vol.18, 2018, 1850045-54.