Last 5 year publications details

1. N.Prabhu, S.Agilan, N.Muthukumarasamy, “Effect of temperature on Aluminum doped WO3 Nanoparticles prepared by solvo thermal method”, Optoelectronics and advanced materials- Rapid communications, Vol.9, No.1, pp. 394-397,(2015).

2. N.Prabhu, S.Agilan, N.Muthukumarasamy, T.S.Senthil, “Improved performance of nanocrystalline Al-WO 3 -TiO 2 based solar cells by Solvo Thermal Method”, Journal of advances in chemistry, Vol.12, No.6,pp. 4481-4487,(2016).

3. N.Prabhu, R.Thiruneelakkandan, A.Satheesh, K.S.Mohan, “Structural and Optical properties of Tungsten Oxide (WO 3 ) Nanoparticles for Solar Cell Applications”, Accepted to publish in International journal of Advanced science and technology, Vol.29. No.5, (2020).

4. N.Prabhu, J.Chitra, R.Ravivarman, P.Sapthika Parthi, “Synthesis and Characterization of Cu doped ZnO Nano Particles for Solar cell Applications”, Accepted to publish in International journal of Advanced science and technology, Vol.29. No.5, (2020).

5. N.Prabhu, S.Agilan, N.Muthukumarasamy, T.S.Senthil, “Investigation of structural and morphological studies on Al-WO 3 added TiO 2 for solar cell applications, International conference on Advances in Functional materials, Central university of Tamilnadu and Anna university, Chennai, 6-8, January, 2017.

6. N.Prabhu, S.Agilan, N.Muthukumarasamy, T.S.Senthil, “ Effect of various concentration of Nanostructure Cu doped WO 3 Added TiO 2 thinfilms for solarcell applications, National seminar on Advanced materials research, Alagappa university, Karaikkudi, 19, January, 2017.

7. N.Prabhu, S.Agilan, N.Muthukumarasamy, T.S.Senthil, “ Nano crystalline Al doped WO 3 Added TiO 2 thinfilms for high efficiency solar cells”, International symposium on Nano materials for Clean energy and Health applications”, Coimbatore institute of technology, Coimbatore, 6-8,December, 2017.

8. N.Prabhu, S.Agilan, N.Muthukumarasamy, T.S.Senthil, “High efficiency dye sensitized solar cells from Nano crystalline copper doped WO 3 Added TiO 2

thinfilms", National conference on Advanced Materials, PSG college of Technology, Coimbatore, 12,13 December 2017.

9. N.Prabhu, S.Agilan, N.Muthukumarasamy, T.S.Senthil, "Aluminium doped tungsten oxide added titanium oxide for solar cell applications", National conference on Recent trends in smart materials and technologies in bio resources and environment safety, Velalar college of engineering and technology, Erode, 4, September, 2019.