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**List of Publication**

| <b>S.No</b> | <b>Paper Details</b>  | <b>ISSN No</b> | <b>Impact Factor</b> |
|-------------|---|----------------|----------------------|
| 1           | <b>P.R.Deepthi, J.Shanthi</b> , Optical, dielectric & ferroelectric studies on amino acids doped TGS single crystals, <b>RSC Advances</b> , Vol 6, Pp 33686–33694, March 2016   | 2046-2069      | 3.0                  |
| 2           | <b>V. Sheelarani, J.Shanthi</b> , Thermal and Optical studies of NLO active single crystal: Nicotinic L-tartaric, <b>Optik-</b> , Vol 127, Pp 2946-2949, March 2016   | 0030-4026      | 1.914                |
| 3           | <b>S Rani, J Shanthi, M Kashif, A Ayeshamariam, M Jayachandran</b> , Studies on different doped Zn concentrations of CdSe Thin Films, <b>Journal of Powder Metallurgy and Mining</b> , Vol 5, Pp 1-7, July 2017   | 2168-9806      | 1.619                |
| 4           | <b>S.Sugi, P U Rajalakshmi, J.Shanthi</b> , Photocatalytic Degradation efficiency of Cu X Zn 1-X O Composit, <b>Optik-</b> Vol 131, Pp 406413, 2017   | 0030-4026      | 1.914                |
| 5           | <b>P.R.Deepthi, Anu Sukhdeva, P.Mohan Kumara, V.Jagadeesha Angadia, U. Mahaboob Pasha, J.Shanthi</b> , Structural, FTIR and Ferro electric analysis of pure TGS and L-Cysteine doped TGS crystals for Infrared device applications, <b>Chemical Data Collections</b> , Vol 17, Pp 276-286, Sep 2018 | 0973-1458      | -                    |

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| 6  | <b>P.R Deepthi, A. Sukhdev, P.M Kumar, J Shanthi, B.N Pavithra, B.C Hemaraju</b> , Inclusion of an anionic dye in the molecular structure of potassiumdihydrogen phosphate crystal for SSDL applications, <b>Indian Journal of Physics</b> , Vol 92, Feb 2019 | 2405-8300 | 1.407 |
| 7  | <b>S.Aishwarya, J.Shanthi</b> , Spin Coated Polymer Composite Hydrophobic Surfaces with Self-Cleaning Performance, <b>Materials Research Express</b> , Vol 6, Pp 1-10, April 2019.  | 2053-1591 | 1.449 |
| 8  | <b>J.Shanthi, S.Aishwarya, R.Swathi</b> , Surface Energy Calculation using Hamaker's Constant for Polymer/Silane Hydrophobic Thin films, <b>Materials Letters</b> , Vol 253, Pp 409-411, July 2019.   | 0167-577X | 3.019 |
| 9  | <b>J.Shanthi, S.Aishwarya, R.Swathi</b> , Fabrication of Roughness Enhanced Hydrophobic Coatings, <b>Journal of Nano and Electronic Physics</b> , Vol 12, Pp 02042 (1-4), April 2020.   | 2077-6772 | -     |
| 10 | <b>J.Shanthi, O.Seifunnisha</b> , Aloe Vera Mediated Green Synthesis of ZnO Nanostructure under Sol-gel Method: Effect of Antimicrobial Activity, <b>Journal of Nano and Electronic Physics</b> , Vol 12, Pp 02041 (1-5), April 2020.                         | 2077-6772 | -     |
| 11 | <b>J.Shanthi, S.Aishwarya, R.Swathi</b> , Enhanced optical & structural properties by potassium iodide doping on spin coated TiO2 thin films, <b>Chemical Data Collection</b> , Vol 29, Pp 100494 (1-7), July 2020.   | 0973-1458 | -     |
| 12 | <b>J.Shanthi, O.Seifunnisha, R.Swathi</b> , Non-wettable antibacterial thin film: <i>PS/Aloevera and PS/Acalipha indica</i> , <b>Polymers and Polymer Composites</b> . ( In Print)  | 0967-3911 | 1.023 |