

Name of the staff: SHANTHI.J

Designation: Professor in Physics

Address:

Avinashilingam Institute (Deemed to be University)

Coimbatore – 641 043.

shanthinelson@gmail.com

+91 99949 89350.

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

	J.Shanthi , Structural,FTIR and Ferro electric analysis of pure TGS and L-Cysteine doped TGS crystals for Infrared device applications, Chemical Data Collections , Vol 17, Pp 276-286, Sep 2018	0973-1458	
6	P.R Deepthi, A. Sukhdev, P.M Kumar, J Shanthi, B.N Pavithra, B.C Hemaraju , Inclusion of an anionic dye in the molecular structure of potassiumdihydrogen phosphate crystal for SSDL applications, Indian Journal of Physics , Vol 92, Feb 2019	2405-8300	1.407
7	S.Aishwarya, J.Shanthi , Spin Coated Polymer Composite Hydrophobic Surfaces with Self-Cleaning Performance, Materials Research Express , Vol 6, Pp 1-10, April 2019.	2053-1591	1.449
8	J.Shanthi, S.Aishwarya, R.Swathi , Surface Energy Calculation using Hamaker's Constant for Polymer/Silane Hydrophobic Thin films, Materials Letters , Vol 253, Pp 409-411, July 2019.	0167-577X	3.019
9	J.Shanthi, S.Aishwarya, R.Swathi , Fabrication of Roughness Enhanced Hydrophobic Coatings, Journal of Nano and Electronic Physics , Vol 12, Pp 02042 (1-4), April 2020.	2077-6772	-
10	J.Shanthi, O.Seifunnisha , Aloe Vera Mediated Green Synthesis of ZnO Nanostructure under Sol-gel Method: Effect of Antimicrobial Activity, Journal of Nano and Electronic Physics , Vol 12, Pp 02041 (1-5), April 2020.	2077-6772	-
11	J.Shanthi, S.Aishwarya, R.Swathi , Enhanced optical & structural properties by potassium iodide doping on spin coated TiO ₂ thin films, Chemical Data Collection , Vol 29, Pp 100494 (1-7), July 2020.	0973-1458	-
12	J.Shanthi, O.Seifunnisha, R.Swathi , Non-wettable antibacterial thin film: <i>PS/Aloevera and PS/Acalipha indica</i> , Polymers and Polymer Composites . (In Print)	0967-3911	1.023

