

# Anuj Kumar

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Deposition of Kesterite Cu <sub>2</sub> ZnSnS <sub>4</sub> (CZTS) Thin Films by Spin Coating Technique for Solar Cell Application. Energy Procedia, 2013, 33, 198-202.	1.8	97
2	Spray deposited copper zinc tin sulphide (Cu <sub>2</sub> ZnSnS <sub>4</sub> ) film as a counter electrode in dye sensitized solar cells. Physical Chemistry Chemical Physics, 2014, 16, 23993-23999.	2.8	74
3	Investigation of electrodeposited cobalt sulphide counter electrodes and their application in next-generation dye sensitized solar cells featuring organic dyes and cobalt-based redox electrolytes. Journal of Power Sources, 2015, 275, 80-89.	7.8	64
4	Eu <sup>3+</sup> doped down shifting TiO <sub>2</sub> layer for efficient dye-sensitized solar cells. Journal of Colloid and Interface Science, 2016, 484, 24-32.	9.4	44
5	Effect of deposition temperature on the structural and electrical properties of spray deposited kesterite (Cu <sub>2</sub> ZnSnS <sub>4</sub> ) films. Solar Energy, 2015, 122, 508-516.	6.1	33
6	Role of ZnO nanostructured layer spray deposited under an electric field in stability of inverted organic solar cells. Solar Energy Materials and Solar Cells, 2014, 126, 74-82.	6.2	28
7	Dye sensitized solar cells using the electric field assisted spray deposited kesterite (Cu <sub>2</sub> ZnSnS <sub>4</sub> ) films as the counter electrodes for improved performance. Electrochimica Acta, 2018, 263, 26-33.	5.2	27
8	The role of electric field during spray deposition on fluorine doped tin oxide film. Journal of Alloys and Compounds, 2014, 588, 546-550.	5.5	17
9	Spray deposited gallium doped zinc oxide (GZO) thin film as the electron transport layer in inverted organic solar cells. Solar Energy, 2022, 231, 458-463.	6.1	17
10	Effects of electric field during deposition on spray deposited indium-doped zinc oxide films. Progress in Photovoltaics: Research and Applications, 2016, 24, 74-82.	8.1	16
11	Effect of zinc precursor on Cu <sub>2</sub> ZnSnS <sub>4</sub> nanoparticles synthesized by the solvothermal method and its application in dye-sensitized solar cells as the counter electrode. Materials Today Energy, 2018, 9, 377-382.	4.7	12
12	Nickel silicide formation by electroless technique for ULSI technology. Microelectronic Engineering, 2010, 87, 286-289.	2.4	4
13	Deposition and characterization of amorphous electroless Ni-Co-P alloy thin film for ULSI application. Materials Research Express, 2014, 1, 035007.	1.6	3
14	Effect of electric field on spray deposited zinc sulphide films. AIP Conference Proceedings, 2015, , .	0.4	1
15	Effect of sulphurisation on the activation energy of spray deposited kesterite (Cu <sub>2</sub> ZnSnS <sub>4</sub> ) films. AIP Conference Proceedings, 2016, , .	0.4	1