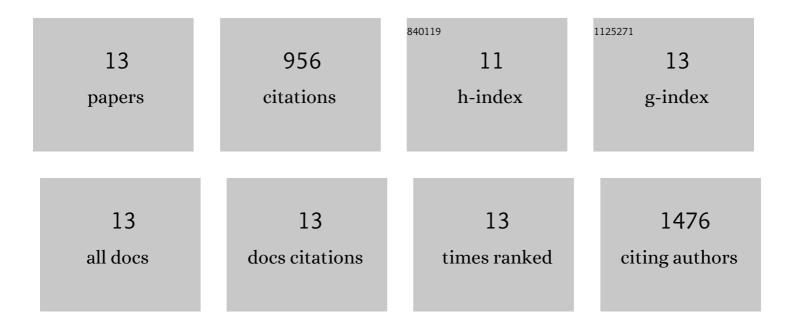
Gayatri Natu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	p-Type Dye-Sensitized Solar Cells Based on Delafossite CuGaO ₂ Nanoplates with Saturation Photovoltages Exceeding 460 mV. Journal of Physical Chemistry Letters, 2012, 3, 1074-1078.	2.1	154
2	Valence Band-Edge Engineering of Nickel Oxide Nanoparticles via Cobalt Doping for Application in p-Type Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2012, 4, 5922-5929.	4.0	119
3	Linker effect in organic donor–acceptor dyes for p-type NiO dye sensitized solar cells. Energy and Environmental Science, 2011, 4, 2818.	15.6	110
4	p-Type Dye-Sensitized NiO Solar Cells: A Study by Electrochemical Impedance Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 25109-25114.	1.5	101
5	Probing the Low Fill Factor of NiO p-Type Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2012, 116, 26239-26246.	1.5	94
6	Synthesis, Photophysics, and Photovoltaic Studies of Ruthenium Cyclometalated Complexes as Sensitizers for p-Type NiO Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2012, 116, 16854-16863.	1.5	81
7	Cyclometalated Ruthenium Sensitizers Bearing a Triphenylamino Group for p-Type NiO Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2013, 5, 8641-8648.	4.0	68
8	The Effect of an Atomically Deposited Layer of Alumina on NiO in P-type Dye-Sensitized Solar Cells. Langmuir, 2012, 28, 950-956.	1.6	66
9	Plasmonic hole-transport-layer enabled self-powered hybrid perovskite photodetector using a modified perovskite deposition method in ambient air. Organic Electronics, 2019, 71, 175-184.	1.4	58
10	Phosphorus induced crystallinity in carbon dots for solar light assisted seawater desalination. Journal of Materials Chemistry A, 2018, 6, 4111-4118.	5.2	53
11	Photoelectrochemical Study of the Ilmenite Polymorph of CdSnO ₃ and Its Photoanodic Application in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2010, 114, 6802-6807.	1.5	42
12	Fully Printed Inorganic Schottky Diode. IEEE Electron Device Letters, 2021, 42, 1212-1215.	2.2	6
13	Polyphenol stabilized copper nanoparticle formulations for rapid disinfection of bacteria and virus on diverse surfaces. Nanotechnology, 2022, 33, 035701.	1.3	4