

# Gayatri Natu

## List of Publications by Year in descending order

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13  
papers

956  
citations

840119

11  
h-index

1125271

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyphenol stabilized copper nanoparticle formulations for rapid disinfection of bacteria and virus on diverse surfaces. <i>Nanotechnology</i> , 2022, 33, 035701.	1.3	4
2	Fully Printed Inorganic Schottky Diode. <i>IEEE Electron Device Letters</i> , 2021, 42, 1212-1215.	2.2	6
3	Plasmonic hole-transport-layer enabled self-powered hybrid perovskite photodetector using a modified perovskite deposition method in ambient air. <i>Organic Electronics</i> , 2019, 71, 175-184.	1.4	58
4	Phosphorus induced crystallinity in carbon dots for solar light assisted seawater desalination. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4111-4118.	5.2	53
5	Cyclometalated Ruthenium Sensitizers Bearing a Triphenylamino Group for p-Type NiO Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 8641-8648.	4.0	68
6	Probing the Low Fill Factor of NiO p-Type Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 26239-26246.	1.5	94
7	The Effect of an Atomically Deposited Layer of Alumina on NiO in P-type Dye-Sensitized Solar Cells. <i>Langmuir</i> , 2012, 28, 950-956.	1.6	66
8	Synthesis, Photophysics, and Photovoltaic Studies of Ruthenium Cyclometalated Complexes as Sensitizers for p-Type NiO Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 16854-16863.	1.5	81
9	Valence Band-Edge Engineering of Nickel Oxide Nanoparticles via Cobalt Doping for Application in p-Type Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 5922-5929.	4.0	119
10	p-Type Dye-Sensitized Solar Cells Based on Delafossite $\text{CuGaO}_2$ Nanoplates with Saturation Photovoltages Exceeding 460 mV. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1074-1078.	2.1	154
11	Linker effect in organic donor-acceptor dyes for p-type NiO dye sensitized solar cells. <i>Energy and Environmental Science</i> , 2011, 4, 2818.	15.6	110
12	p-Type Dye-Sensitized NiO Solar Cells: A Study by Electrochemical Impedance Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2011, 115, 25109-25114.	1.5	101
13	Photoelectrochemical Study of the Ilmenite Polymorph of $\text{CdSnO}_3$ and Its Photoanodic Application in Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6802-6807.	1.5	42